

Transcribed and Compiled by Harry V. Harlan, with help from Adi Damania, and others.

SUMMARY OF EXPEDITION # 2

Jack Harlan's second seed collecting expedition was to be a great trek across the Middle East, Asia and finally Ethiopia - interacting with the faculty at Alemaya University. Dr. Harlan was looking for and collecting seeds from several grasses, primarily three grasses which were introgressing in the wild: *Bothriochloa ischaemum* (L.) Keng, which he called "Bish", *Bothriochloa intermedia* complex, which he called "Bint" and *Dichanthium annulatum* complex, which he called "D. ann" or "Dann". He was interested in their hybridizing behavior at different altitudes. This was his reason for venturing into Kashmir and other mountainous regions.

Dr. Jack R. Harlan flew out of the US on April 1, 1960 and spent 6 days in Europe getting ready. He began his actual expedition on April 8, 1960 in Iran at an Archaeological Expedition led by Robert Braidwood. He sojourned 74 days there and then went up to the USSR for 10 days; then traveled to Afghanistan, where he spent 26 days, traveling from west to east, collecting seeds of the grasses Bish, Bint and Dan. Then he went on to West Pakistan for 43 days, including an excursion into the Northwest Tribal areas, hunting his grasses. He even went into Pakistani administered Kashmir and Jammu area, still collecting. From West Pakistan he went to India for 94 days, total. While there he ascended into Kashmir again (the India administered side) for 7 days, came back down and ventured into the southern part of India. The last stop of this marathon was Ethiopia, at which he stopped for a total of 42 days, on his way back to Europe. On his return trip back home he stopped in Israel and Lebanon for 9 days as a tourist and returned to Stillwater on February 2, 1961. Harlan was gone from his home in Stillwater a total of 307 days (10 months and one day). This was, at times, rough going. He was traveling essentially by himself; however, he knew or met some people along the way. He met a young British couple, Les and Liz Picard, who seemed to be just traveling around looking for adventure. Harlan enlisted their help, and especially that of Les, to lighten his load as he traveled. Actually, the couple had a great time in their travels and were very helpful to Jack Harlan.

Below is a series of hyperlinks under the heading "1960-61 Timeline", which will take the reader to the various phases of the journey. You may need to use a "control/click" to activate the hyperlink and there is a "Return" available at the beginning & end of each section which will bring you back to the Timeline. There are also some hyperlinks which will take the reader to various illustrative websites which will explain some of the sights that Dr. Harlan saw. When you are finished with the website, just close it and you should return to the transcript. Enjoy!

1960-61 Timeline:

2 day flight to Europe: April 1-3, 1960

5 days in Europe: April 3-8

74 days in Iran: April 8-June 21

10 days in USSR: June 21-July 1

26 days in Afghanistan: July 1-27

43 days in Pakistan: July 27-Sept. 8

94 days in India: Sept. 8-Dec. 11

To Aden: Dec. 11-13, 1960

42 days in Ethiopia: Dec.13, 1960-Jan. 24, 1961

9 days to return home via Europe: Jan. 24 – Feb. 2, 1961

FINIS

Total of 307 days: April 1, 1960 through Feb. 2, 1961

The following is the transcript of Dr. Jack R. Harlan's field notes on the 1960 expedition:

AGRICULTURAL PERSPECTIVES

“Being a brief account of and meditations upon a voyage to Kurdistan, Luristan, Bakhtiaria, Khouzistan and other portions of the Parsee Empire and to Azerbaijan, Uzbekistan, Afghanistan, the disputed Pushtoonistan and the Western Wing of Pakistan including Gilgit, Chitral, Swat, Dir and the hither reaches of the Hunza and also to the Punjab, Kashmir, Utar Pradesh, the Valleys of Kangra and Kulu, Rajasthan, Gujrat, Maharat and adjacent portions of Hindustan, as well as Aden, Djibouti and the provinces of Harar, Kaffa, Shoa, Bagemedder, Tigre and others of the Ancient Royal Kingdom and Empire of Ethiopia; the whole in search of Agricultural Perspectives and a surcease¹ from committee meetings, television, and world news events, in all

¹ I was not sure of the spelling of this word, so I guessed and the computer didn't like it, but it gave me a choice of words to try. I tried the above spelling and asked the computer for a synonym so I could be sure I was in the ball park; but the computer didn't know what it meant either. It suggested that I check the computer's Thesaurus but

ten glorious months of complete escape from the old rat race, April 1, 1960 to Feb 2, 1961, by Jack R. Harlan, the escapee, Professor of Agronomy, Oklahoma State University and Principal Geneticist Forage and Range Division, Agricultural Research Service, United States Department of Agriculture, Stillwater, Oklahoma, to which and the gracious and generous assistance of the Oriental Institute of the University of Chicago, the John Simon Guggenheim Memorial Foundation, the New Crops Branch of the United States Department of Agriculture and the Oklahoma-Ethiopian Contract is gratefully acknowledged.”

2 day flight to Europe: April 1-3, 1960 ([Return](#))

April 1-1960 Fri “Left Stillwater Ca: 3:25 pm. Plane left Tulsa on time but sat at end of runway for 30 min. & was ½ hour late getting to Wash. Stayed at Lafayette Hotel.” [DC]

April 2-3 Sat-Sun “Got briefed & took NAA plane at 12:30 pm to New York Idlewild. Wrote Jean personal letter & wasted a lot of time around the big airport. Seats finally assigned & took off only a little late. Taxing to the runway, ventilator fell off the men’s room. Could hear the pilots discussing a pump which moves petrol from one tank to another. Pump wasn’t working but someone was puttering with it. Finally took off the ground 1 ½ hours late. Leaving Boston, and so help me, we had dinner at 12:15 AM. 6 seats abreast and very crowded. I had front row aisle which was much better than center. Pretty crowded. Had breakfast & finally landed about noon our time but 5:00 GMT (PM). Cleared customs, changd \$20 at 2.86 & hiked to Skyway Hotel. Nice room but very expensive. Had dinner & went to bed even though it was early afternoon our time. Slept until the middle of the night & then woke & couldn’t sleep. Read a while & slept again². Plumbing leaks, plaster peeling form walls. Brand new.” [London]

the Thesaurus didn’t know either. In other words, the computer recognized this as a word but it didn’t know what it meant any more than I did. So, I went by old beat-up Webster’s Dictionary (1975) and found it. The word means “to cease.”

² When my bride and I flew to Paris and then West Africa in 1971 for our honeymoon, someone told us that, in order to beat the jet lag, what we needed to do is to fall into the local times for sleeping and eating as soon as possible and it will work out. Jack Harlan did not have that little piece of advice and so had to suffer with it. HVH2

Europe April 4-8, 1960 (5 days): [\(Return\)](#)

April 4³ Mon “To Kew by bus – the porter said to take 80 or 81 to ‘carriage’. This turned out to be Houndslow garage. Then the trolley bus to Kew Bridge, was walking towards the gate when Mr. Hubbard came out of his house & met him on the walk. Told me to go to herbarium & Mr. Mourn? Redhead would show me around. He did. Some 7 million specimens & 75,000 more each year. A large staff working hard can’t keep up with it. They would like to modernize the arrangement but can’t afford to move 7 million specimens, Mostly by Bentham & Hooker with special groups for Ochidaceae & grasses. Dr Bor⁴ came in later. Very robust & delightful man. Mr. Clayton is the grass man & they showed me where the Bothriochloa were. Took some hasty notes. In aft.spent 2 ½ hours in the gardens. A beautiful day & the gardens are very impressive. Light meter wasn’t in adjustment & first pictures probably bad. Back to hotel by bus. The drinks were expensive too. Went to restaurant at airport but this cost even more” **[London]**

He went back to the hotel and after dinner “hiked out to London Airport Central to be sure I was going on the right plane. A long walk.”⁵ **[London]**

April 5 Tues “Another day at the Kew. Bor took Mr. Hubbard, Mr. Clayton & myself to luncheon – very good. Spent about 1 ½ hours later in the gardens. A young man told me . *B. carinatus*⁶ had escaped up and down the Thames. Back to the hotel and dinner Hiked out to London Airport Central⁷ to be sure I was going on the right plane. A long walk. Tried a pub on the way back. Beer very cheap & tasted like it” **[London]**

April 6 Wed “Took hotel bus to (London Airport) Central. Had the money figured just right & then they threw a 7 pound and 6 pence airport tax at me. Had to do it over again. BEC handles all flights to Europe from there. As soon as we got in SAS hands things went

³ Senegal declares independence from France

⁴ Dr Loftus Bor was an expert on Indian grasses and also Asst. Director of the Royal Botanical Gardens

⁵ Jack Harlan liked to hike around and would do this many, many times on his expeditions. I think he could have phoned the airport, but he liked to hike. HVH2.

⁶ *Bromus carinatus* – a kind of grass. Jack Harlan studied Bromus for his PhD work.

⁷ Heathrow Airport is 9.7 miles from Kew.

perfectly. A nice luncheon was served with choice of cocktails, wines with dinner & liquor after. The porter sold tobacco & liquors – tax free & traded money at the official rate. Got rid of my English & picked up a few Kroners; Landed on time. **(He does not mention this but he flew from London to Copenhagen)**. Took bus to SAS terminal & confirmed my reservations to Tehran. Confirmed taxi to Hotel Europa which man had recommended. Room on 15th floor overlooking the city. I was elated. Beautiful, charming, a captivating city. SAS and the Danes seem to understand travelers. In the hotel room were plastic hangers for the drip-drys – little wire hangers for the socks. A midget sewing kit like a match box, etc. The room is very nice and reasonable, but the food prices fantastic” **[Copenhagen]**

April 7 Th. “Up early & hiked out the city taking pictures. Dropped in on Hans at 9:00. He wasn’t there & sat in his office for 1 hour. Went back to hotel. He called at 11:00 & I went over. Our date was for 11:00 & I had goofed. Hans put on quite a show for my benefit. We walked around town to buy a loaf of bread at a certain bakery & two bottles of beer at a certain street which he put in his brief case & we had luncheon in his office. Very good & the only cheap meal in Copenhagen. Later we took a long walk about the city & he told me about the architecture & how much of it is to be torn down. Hans is to join the expedition & so more of his work later I am sure. He took me through a labyrinth of back stairs & attic rooms in the old museum palace to reach a special garnet window from which I could photograph some 17th century houses. We parted perhaps on the cool side, but he was crawling with his shots? & my stomach was upset from the night before. **(Remember the SAS party, HVH2) [Copenhagen]**

April 8-9 “Taxi to SAS terminal, bus to airport & boarded a nice comfortable DC-6. First stop Dusseldorf. Luncheon on the way with small assortment of cocktails wines & liquors. Next to Wien with a second luncheon on the way. Next to Rome with a sandwich snack & highball on the way. Then to Athens and more of the same. The total: 1 sherry, 2 santerne, 5 claret, 1 martini, 2 champagne, 2 contreau, 1 cognac, 1 scotch. The stopovers were pretty dull, got a little Iranian currency at Rome. Had converted my Kroner to DM at Wien & DM seem to be as sound as dollars – why shouldn’t they be? From Athens on into the night. 1st class is more comfortable. Around about 10:00 AM at Tehran April 9.” **[Tehran, Iran]**

Iran April 9-June 21, 1960 (74 days): [\(Return\)](#)

Jack Harlan finally set foot on the soil of his first targeted country. It was a mild spring day in Tehran, Iran. The year 1960 was an unusual time of peace both in Iran, Europe and America. The western countries were on good terms with the Shah of Iran and Harlan was able to move freely about the country. His first moves were hesitant, as he was not really sure what to expect or where to go for help. (HVV2)

April 9 Sat “Cleared customs. Took cab to town. He charged \$4 which I thought absurd, but perhaps not. Park Hotel had my reservations, but the man hadn’t checked out yet. After waiting a couple of hours they let me have a room temporarily so that I could shower & shave. Prices are fantastic (meaning fantastically high), but they say you can’t beat the rap, so might as well pay up. Lunch is served beginning at 12:30 and dinner at 8:30. The idea is to drink the bar dry while waiting in the evenings, but at 90 cents a bottle of beer this is not too attractive. Called Nagaban several times & finally go him after 9:30 that night.” [**Tehran, Iran**]

April 10 Sun “Nagaban called in morning on way to work. I went to bank (he took me). The letter of credit worked perfectly. They gave me \$200 in Rauls in a few minutes. Went to USSR Embassy, but the gard indicated it was closed on Sunday & I should go to colssulate anyway. What to do on a Sunday? I hiked all over downtown. The taxis have me scared stiff. The town is dusty and must be a fright in mid-summer. The usual small stalls & shops, but I didn’t get to the suqs. Slept quite a bit. Bought a paper but it was 34 cents. What can poor people do?” [**Tehran, Iran**]

April 11 Mon “Went first to USSR consulate. The halls were jammed with people in line waiting. I was afraid I would be in for a few days sitting. Went to an official taking type and said: “Visa”. His eyebrows shot up and he disappeared. Soon he came back and motioned me to the head of the line. After about a 10 minutes wait, I was ushered in. The Consul was very nice, very polite, spoke English very well, took time to personally help fill out the Visa application. Suggested I go to Perse-tourist to set it up & should go right away because this late time. So, I called on Mr. Farenah, mgr. Perse-Tourist Co. He had me sit down & write him a letter stating just what I wanted. Tentative date is to

JACK R. HARLAN EXPEDITIONS – EXP. # 2 – IRAN, USSR & ASIA – 1960, 61 Trans

sail from Palavi June 21⁸ for Baku. The deluxe treatment is \$30 daily. Then called on US Embassy, Mr Hatch is the Agr. Attache' & dosen't know much. Suggested I see Keradj College & contact Davachi (Tavakoli)⁹ for wheat collection. The Dean is Modevi & Utah S. C. Agronomist is Walker. Also Mr. Kirk w ICA-FAO¹⁰. Went from there to Aban bldg. where ICA is. Walker not there. Tried to contact Pabot in aft. He doesn't work in aft. Finally decided to hell with it. I'm getting out of the damn place. Hiked up to TBT & bought my ticket. Talked with Negaban on phone that night. He still had no mail for me. Checked out that night. Bill was 3825 Rials! About \$51. And this did not include the last meal, nor extras." [Tehran, Iran]

April 12 Tue "Up at 4:30. Dressed, packed, called taxi & got to TBT (**Google: TBT Bus Co.**) in plenty of time. Seats all assigned. Drew a nice old coot but we couldn't talk any. One whale of a long ride. Didn't know the country well enough to eat – so didn't. Twenty four hours without food. Found out I had showed my camera too much. Snow and hail on the passes. Driver very good for this country but passed on curves & hills. A long, lonely ride, but arrived in good spirits to a wounderful welcome by the Braidwoods, Charlie Read & the rest of them. A couple of Scotches & food, a bath & bed; 14 hours on the bus."¹¹ [**Braidwood Archaeology site at Kermanshah Iran**]

April 13 Wed "Had visit with Bob, Linda & Douglas Braidwood. In mid-morning went out w. Charlie Reed past digs at Kermanshah #27 & #28 & to Bruce Hawe's cave just finished off 5 meters of dig, mostly Monsterian with more recent on top. Liz also there. Stayed for lunch & took a few pictures. Set out for other side of valley, but after nearing first pass was too cold to go on. Grave of Hawthorne of interest, also an Ehpnus (?) or Agropyron growing in a thorny plant. (On margin: "turned out not to be Alhagis, but a thorny Asthogolar ??)". Came back & warmed up. Later went to bazaar with the

⁸ This is the date he departed for USSR. See below

⁹ Prof. Tavakoli was at that time the head of the wheat improvement program at Karadj. I met him in his exptl. field in 1992 at Karadj when he was long past retirement – Adi Damania

¹⁰ The International Cooperation Administration (ICA) was established by the [U.S. State Department](#) Delegation of Authority 85, June 30, 1955, pursuant to EO 10610, May 9, 1955. The predecessor to this administration was the Foreign Operations Administration (FOA). Both organizations coordinated foreign assistance operations and conducted all nonmilitary security programs for the United States. The administration was abolished by act of Congress on September 4, 1961 (75 Stat. 446) and all functions were transferred to [U.S. Agency for International Development](#). (Wikipedia)

¹¹The Braidwood site is in **Kermanshah Plain/valley**¹¹ (**A-on Google Maps**)

Dahlbirgs and Gene Garthwaite. An interesting Sug¹². Building in poor repair & aisles very muddy Donkeys walking up and down between shops, etc.” [Braidwood dig]

April 14 Th “Spent some time getting settled. Visited bazaar & town. Borrowed a fine German microscope from young Dr. Fainvar. He is fed up & will move to Canada. He has defended Iran as long as he can. Too bad. This country needs him. He works in a free clinic in mornings & has a practice in evenings. His wife is a blond Belgian girl; has to live in same house with a whole raft of in-laws who drive her nuts. They have a cute young toddler who gets spoken to in Farsee, French and English. The scope will be very useful. Went to Faraman in aft. A branch of the American Mission Orphanage. Took out a nurse, Dorris Bond, with a little girl. Met Kent Flemming, who had been trying to get Charlie some wild sheep & Blackie Burris, the Missionary. Sheep are abundant but very wary. They were hampered by hail and rain & lack of shelters. Bought cloth & got measured for a coat.” [Braidwood dig]

April 15 Fri “Got up at 4:00 AM for excursion to **Sanandaj**; 3 jeep-loads took off at 5:00. The road was surprisingly good, but the trip very cold for those in the open jeeps. Arrived at about 9:30¹³. Did the Bazaars for hours. An interesting old Kurdish city. The Suq’s in good condition, the people in colorgul dress. The passes were far behing Karmoam??? In greening up. Collected a pear?(wild) Got back by 8:00 and pretty tired. A nice excursion but I need breaking in.” The next page is, apparently a continuation of April 15: “... lack of shells. Blackie had to use a shotgun. Got no sheep. Blackie told about the “sacred gorves” of Hawthorne & gave me Farse names for many things. His wife’s name is Harriet. One of her chores is to extract leaches from the throats of people where they attach from drinking spring water in spring. Patty Jo Watson had been there for some weeks studying the village of **Faraman** and came back with me. Dorris came too and on the verge of tears said: ‘I think Faraman is the most beautiful place in all the world.’ It was a nice outing and the flowers were pretty & fatrher out than near Kermanisbak. Showery & the people haven’t been able to dig for some days.” Note on the marjin of the page: “Ran out of gas on way home. Douglas & I hitched into the

¹² This word is fairly obscure in the original manuscript. It probably refers to a market place, the modern spelling of which is souk.

¹³ Sanandaj is about 500 km west of Tehran (Google).

refinery & got transport from Mrs. Parkaday to take benzene back to jeep.” **[Braidwood dig]**

April 16 Sat “Spent the morning on the scope and can find nothing at in Bruce’s coprolites – one problem grain. Looked around the yard & found it full of ‘wild’ barley. In aft went with Douglas to the dig. Got some soil smples & filled the plant press with local weeds. A beautiful day – green valley, blue sky, snow on the Zagros; a beautiful setting for work. Wrote letter home & helped fix Easter eggs for the orphans. Used local dyes like onion (brown), saffron (yellow), Mercurchrome (red) & greed-blue cake coloring. Filled 6 with chocolate with considerable difficulty. In the middle of the night came down with my first intestinal disturbance. Thought I might blow up in both directions.” **[Braidwood dig]**

April 17 Sun “Easter Sunday – breakfast of pills. Ached all over. Would have liked to go to church but was afraid to leave the bathroom that long. Worked a little with the scope but too weak to do much. Soil samples definitely contain scraps of grass epidermi. Dahlbergs left on place. In aft moved stuff into new room vacated by Dahlbergs & collapsed for the rest of the aft. More pills & paregoric & to bed by 8:00. Slept til 5:00.” **[Braidwood dig]**

April 18 Mon “Arose feeling almost whole. Worked on scope. Plant material in some lumps of clay given by Frank Hale have at least 4 things on them. Worked over ‘wild’ barley epidermis – great variation, but I believe recognizingable. Needs a great deal more work. Douglas & I filled the presses again with weeds from the compound. Got more blotters. Got my jacket the tailor had made. Not fancy but has 8 pockets! Finished fixing up lab & studied a little Farsee. So much to do & so little tme to do it in. The household consists of:

Bob, Linda, Douglas Braidwood (Dir)

Bruce Howe, Assoc. Dir. – caves

Frank, Barbara, Stephen (calyx) Hole asst. to Bob

Charlie Reed – animals

Gene & Marj Garthwaite – manager

Liz Morris, general helper- survey, etc.

Kent Flannery – assist. For Charlie

Ezat a dentist with Dahlbergs' team

Al & Thelma Dahlberg (dental authropology now gone)

Patty Jo Watson – village study

Jim Knudstad – draftsman

Abdullah – from Egypt – master foreman

Rezat – Representative of HIM's govt.

Mahsud – student of Negaban (20 people in list above)

Still out are: (3 people)

Herb Wright – geologist

Red Watson

Anne bent – botanist (pollen)

To come are: (2 + cooks, etc. A total of 26 people, not counting cooks, etc.)

Fred Matson – C¹⁴ specialist

Hans Halbaek – coprolite specialist

Various & sending others in & out. This together with cooks, maids, laundresses & etc. whom I don't quite know yet. A well run and happy household. Up at 6:00, breakfast at 6:15. Lunch at noon, drinks at 6:00 & supper 15-20 inutes later. All the minor things nicely taken care of so the people can work." **[Braidwood dig]**

April 19 Tue “Worked on scope some until power went off; then collected 25 heads of barley for measurement. Opened up coprolite & found some organic matter – will have to be oxidized for identification. Checked scraps of epidermis from Site # 28 & diagrammed several. A Judy O'Brien arrived – young lady with nothing to do who thought archeology would be interesting. In aft went to Faraman with Douglas & Steve Corby. Collected plants, lost some in wind. Got a few items for epidermal study. *Phragmites*, *S. halepense* ... *Cynodon*, *Agropyron* & rush. Pat & Liz had a birthday cake. We ate snails for supper - very good. These are the ones the prehistoric people ate. After supper checked epidermais & I think solved three at once. Epidermis from outside sheath, inside sheath and stem as well as cell rows of pith, etc. all check with specimens from # 28 & all seem to be Phagmister commumis. A good ay & progress is being made. No hot water & no bath for some time." **[Braidwood dig]**

April 20 Wed “Worked on the scope all day. Had planned to go to dig for material, but it rained. Got some seeds & other stuff from Bob. These are genuine wheat & barley seeds but probably recent. Material from bottom of pit is very good but does not look like gereal to me. All very puzzling. It will probably work out in time. Experimented again with the snails. The Levantine & the Helix were both prepared alike & served [?]. Most of us agreed the Levantine was not only larger but better – although when boiled plain it was hard to get out of the shell. Why they ate the one and not the other remains unanswered. A Dr. Abadani Farada of the Museum of Tehran came up from the Wright-Watson camp for help. It seems they need money and peanut butter. This changed our plans & Charlie, Kent, Farad & I will start the onager¹⁴ trip day after tomorrow – plan on 12 days.” **[Braidwood dig]**

April 21 Thu “Shut up shop & packied for hunting trip. In aft walked out all the branches of the bazaar. Guxin market, smith section, etc. Not much grain & poor selection of other things. Ready to go.” **[Braidwood dig]**

Side trip in Iran (April 22 – May 4)

April 22 “Up at regular time, packed & off leisurly after 1 false start got off about 8:00. To **Khoramabad (B-Return)** by about 1:30. One flat tire & lunch on road. (**A, Google: Khorramabad, 486 km SW of Thran, in the Zagros Mts. region**) and then up road to **Kuidasht (Google: Kuhdasht)** 174 km on a curved path to the SW into the Zagros Mts. and then down into a broad valley with much cultivated land. Lots of wild barley & oata on way. Got in in late aft. Mr. Olson not in hut. Ate & drank until 12:30 when he did show at nearly 11:00 young Danish couple also for dinner w, small daughter and Olsen returned w. Norwegian had been to meeting & soaked upon arrival. Collected a greas for epidermal studies on way appears to be in Andropagoneac. Village very peaceful, but dogs barked frantically most of night. There are supposed to be jackals, hyenas, wolves, foxes & pariah dogs here, the later of special interest.” **[Braidwood dig]**

April 23 Sat “Off by 7:30 after good breakfast at Olson’s & 1 false start. Drove very slowly to **Khoramabad** & collected wheat (wild), barley & oats (wild). Arrived at noon. No

¹⁴ Onager is a wild ass of the middle east.

seed yet. Then down **Kashgan** to the **geology camp** & the big land slip road under construction & very dusty. Went swimming in the little lake – cool & refreshing. Flies terrible, Red Watson had been out 4 days hiking the area - arrived about dusk. After flies retired in eve. mosquitoes came out. Herb Wright explained the slip. 9 km from lip to lip of the scar – 5 miles of delays and into valley which dammed up both rivers for a while. They finally broke through and cut gorges draining the big lakes. Three little ones remained. They have good cores (?), but little pollen. Camp very nice except for insects. Food mostly eggs, meat, chicken. Things farther along, but still too young for seed. ‘Wild’ barley present.” [**geology camp, down road from Kashgan**]

April 24¹⁵ Sun “To lake to brush teeth and wash. Saw leaches at least 5 inches long (empty). Were to sight in rifle, but ammo jammed; came back & borrowed ram rod from passing herder. Climbed hill to photograph the ship. Got off late & drove to **Khorramabad**. Black tent people on the move. Hundreds of small bands – gear on donkeys & horses mainly, rather few cattle, lots of sheep & goats. The very young are carried, chickens in baskets. Ate lunch at restaurant in Khorramabad, then drove over slow & very dusty roads over barren mts. No oats above Khorramabad. Came to fine valley of **Borejerd**. (**Google: Borejerd 106 km from Khorramabad**) - full of nomads large & small, lots of Kanats (or Qanats) – beautiful & pleasant valley. Stopped for tea, then into town to buy supplies. Local wine, bread & cheese all at different stores. Out of town pulled off where road machinery was stored & ate & camped¹⁶ in pleasant poplar woodlet grove. It was cold, but slept well. Guardian of machinery tried to be helpful & brought tea & light. We gave him our bread” [**outside of Borejerd, Iran**]

April 25 Mon “Got off in good season. Stopped at Chai Khane’ (**an Iranian Tea House**) for breakfast – boiled eggs, tea, bread and cheese. Then on to **Arak** where we bought beer, bread & cheese. Road pretty awful, dusty although part of this stretch paved. After Arak we were out on the edge of plateau in a pretty thick dust storm. Hard wind & dust so thick had to turn on lights & go slow. Pulled off road to eat (mostly dust). Kent is sick; has fever. Road to Ghom (**Google: can’t find Gham, but Qom (D-Ret), which is down the road from Borujerd & Arak & 338 km from Khorramabad**) very bad.

¹⁵ Heavy earthquake strikes South Persia, 500 killed

¹⁶ What kind of camping equipment did he have? See Nov. 4, where he has a duffel. So, he slept in duffel in jeep.

Drove right through. Road to **Kashan** better but washboardy. Stopped at filthy Chai Khane'. Good chance for dysentery here. Kent quite ill. Drove on eating dust to **Kashan (E-Ret 108 km from Qom)**. Got hotel, found penicillin pills for Kent. Passport checked by Gendarmes. Kent sleeping now, but I think fever is too high; should get aspirin and a shot. Water is heating for a shower. Barley at edge of plain mostly 6 rowed. Many orchards from **Borejerd** to **Arak** over high country". [**Kashan**]

April 26 True "Slept OK despite hammock-like springs & dirty sheets. Good breakfast at 7:00 , tea, eggs, very good cheese, bread & butter. Then out to **Tepe Sialk**¹⁷ 4 km S. of town. Kent stayed in bed. The Tepe is big, but in no way exceptional. The French had dug two big pits in the front of each Tepe's – pits about 40 ft deep. Charlie & I spent about 3 hours trying to get a C-14 sample. Doubt if we got enough. Then I hiked across the wadi to see if the granite belonged & Charlie gathered sherds for Bob B. The granite is all around the wadi. The whole fair is honeycombed with kanats which are very deep & many have water flowing at bottom. An enormous effort for just a trickle of water. Met Charlie & Farad at little Tepe and gathered various items of interest, sherts, flint, rocks, etc. much straw-tempered pottery with impressions. Have a few pieces for study. [**What? Now are they looting? – Indiana Jones!**] Came in about 3:00; too thirsty to eat. Washed & slept a little & went out with Farad to see the Suqs. They are very big in Kashan & very active. Bought first earrings (gold) & got seed of the corn they pop which is not popcorn. About ¼ of the coppersmiths all banging away & rugs woven, wool died, cotton ginned with hand-turned gin, leather worker, bakers, greengrocers, meat shops, confectionary shops, fruit stalls, a mosque, offices, gardens with pools, a huge cistern, enough water to last the city 1-2 years etc. etc. all that is needed for man & beast." [**Kashan**]

April 27 Wed "Farad got names of some hunters & we set off after breakfast to **Kamsar (F-Ret, Google: Ghamsar 34 km South of Kashan)**, a village 140 km S & a little W of Kashan. We did not seem to climb very much but things were very late there. Many trees had not leafed out at all & snow was not far away. The air was cold. Ghamsar is noted for roses used in perfume making & we passed many irrigated fields of roses at the edge of the town. It is also something of a summer resort for the Kashan & many rooftops had arbors

¹⁷ Tepe Sialk (Tepe has the same meaning as "Tell"; i.e. a mound.) Tepe Sialk is a large ancient archeological site in a suburb of the city of Kashan, Isfahan Province, in central Iran, close to Fin Garden. The culture that inhabited this area has been linked to the Zayandeh Rud Civilization. [Wikipedia](#)

& trellises and there were some neat new cottages for rent. A very pleasant spot. A fairly recent flood had stripped away many houses near the stream with great loss to owners. The man we were looking for was a property owner there & lives in Kashan. He was sent for & in due time arrived. He immediately volunteered to guide a party. Got his shotgun & rode with us. He looks very competent and is probably the best man we could find. Farhad & I did some shopping while Kent & Charlie rested because there is room for only 2. There was also much ado about benzene & we finally filled the car, 2 Jerry cans and bought 5 poots as well. Soft drinks (7-8), 12 cans beer, 1 Jerry can good water & 1 for car, wine bottles water, cucumbers, cheese & everyday rations. They will buy bread. The hunter's name is Fazullah Ameli and he is taking a helper. They have jacklights & expect to be back tomorrow night with onagers¹⁸. Had both, looked at sherds with lense. Walked about w. Farhad to try to find a good restaurant. Discovered the best one was the one that catered to hotel & had meals in our room after all. Chilo kabab with an extra kabab each. Worked a bit on Farsee names of crops before bed.”

[Ghamsar]

April 28 Thu “An incredibly useless day. Farad wanted to go to **Fin (G-Ret, Google: 37 km north of Ghamsar)** but there are no taxis in this city of 50,000. The horse drawn cabs would be very slow & Farad was not enthusiastic about renting bicycles so we didn't go. I worked on a little basic Farsee, but my mind isn't very quick on this stuff for some reason. Finally we took a walk and I got two samples of barley. Farad just doesn't understand seed collecting or anything about agriculture; wants to use sea water for irrigation and believing every fairy tale anyone ever told him. After lunch borrowed a paperback of Henry Miller from Farad who got it from Red Watson. Miller is inordinately sorry for himself but otherwise undistinguished. The 4-letter words neither adds for detract from what is basically rather dull. He is right about a few things, like American trend and Copper Basins [**this is not clear**] which ‘looks like the backside of a sick chimpanzee.’ - and by this I suppose he meant a Mandrill or Baboon which really have slick backsides. When we finished dinner about 8:00 pm the hunters returned with 3 broken springs and no onagers. The jeep was too big, too loaded down & too slow over rough terrain. They need a supply car and a light fast hunting car. It looks as if someone

¹⁸ Onagers are wild asses.

else will have to get the onagers since we are not equipped. Farad is telling of an old Persian poet of classical times who wrote ‘And I went to worship the House of God and they stopped me at the gate and asked ‘What have you done outside the house that you want to go inside the house?’” [Ghamsar]

April 29 Fri “Took jeep to shop & got 5 spring leaves on 3 springs. The master mechanic was an incredibly greasy kid of about 14 with a helper aged 6 or so. Seemed to do a good job. Charlie & I wandered the bazaar which was pretty well shut down being Friday. In aft went to get jeep & since it wasn’t done wandered some more & got hauled in by police. No trouble just busywork. Later went to **Fin [Fin Gardens is 36 km north & then west of Ghamsar, near Kashan]** with Farhad. A very beautiful old (400 yrs) garden. Lots of old cypress trees, fountains, etc. What everyone calls a spring is really a Kanat¹⁹. Very nice. That eve. had drinks with the governor and deputy Shaymani. The mixture of Arak, Scotch, Arak did not set too well. Also met G. Franzmann German Engineer connected with the new waterworks to be inaugurated soon.” [Kashan]

April 30 Sat “Completely wasted morning, waiting first on one than another. The Govrnor, Sehpertia arrived at his office promptly at noon but was too busy for us for some reason. Had tea & left. In aft. we took Herr Franzmann & his Iranian engineer interpreter, Bidal, to Tepe Sialk to explain our problem then once again to the **Gardens of Fin** which looked even nicer the second time. As a water Engineer, Franzmann said he would not hesitate at all to drink the water from the Kanat. Then drove across lluvial fan of rocks to a mound we saw from distance, but it turned out to be natural & was being quarried for rock. Back to hotel and festive dinner with German & Iranian Engineers. No contact with our hunters & the quests looks discouraging. Deputy Sleymani did mention a live one that might be available. It is a thin hope. We are trying to persuade Farad he should go to L. A. as a swami. He could clean up with his talent for preverication²⁰.” [Kashan]

May 1²¹ Sun “Just one month from home and 9 to to. Tried once more to make arrangements with Ameli & was given the run around. His servant first said he was sleeping; next that he had left to see us. Farhad said this is the end so we packed & left by about 9:30. It

¹⁹ A **qanāt** (from [Arabic](#): قنّاة) is one of a series of well-like vertical shafts, connected by gently sloping tunnels. They create a reliable supply of water for human settlements and [irrigation](#) in hot, [arid](#) and semi-arid climates. (Wikipedia) How does Harlan know all this?

²⁰ Prevarication is an ability to stray from the truth.

²¹ On May 1, 1960 the US U-2 spy plane was shot down over the USSR causing a huge international incident.

was a beautiful day & we set out for **Nain (G, Google: Nein, 1089 km east of Darband, the wrong way)**. All went well until we hit a ditch leaving Ardestan & broke a main leaf of the left front spring. We went into **Ardestan** because this was bigger than Nain, but there was only a blacksmith there, so we got bread & set out gingerly for **Isfahan**. Very slow drive but made it to paved road by dusk & into Isfahan shortly after dark. Nice Hotel – ‘Parshotel’. Good clean room w. shower, good food, reasonable price.”

[Isfahan, Iran]

May 2 Mon “Went sightseeing while spring was repaired – bought guide to Isfahan, saw Shah Abaz. palace of ‘40’ columns, the great mosque built by Shah Ahaz, a smaller but very beautiful mosque & the residence of Shah Abaz. One of impressive features was the acoustical treatment of the music rooms. Also view of city from the roof. A very beautiful city. After jogging got spring fixed by noon, had dinner & got off by 1:45. Drove to a spot not far from **Darband (F) [Google: Darband is near Tehran to the north; can this be right? But there is some great high country near Darband.²² Adi]** and **camped for the night**. This is high cold country and the night was pretty chilly. The inhabitants are mostly Bactiari²³, raise cattle and grow more forage crops than any section I have yet seen. Sorghum, alfalfa, clover – Persian, I think – and an occasional field of field peas. In some sections about half the acreage was in forage crops. Lots of fruit as well. The Isfahani say that “Isfahan is half the world”. The Tabrizi say ‘Isfahan is half the world until you see Tabriz’. At least in our short stay Isfahan looked good.”

[camped near Darband]

May 3 Tue “Jumped out of **bed roll²⁴** & rushed for car. It was cold. Drove to Durud for breakfast which was only fair and twice as expensive as Isfahan. This brought us into the

1. ²² Darband was formerly a village close to Tajrish, Shemiran, and is now a neighbourhood inside Tehran's city limits. It is the beginning of a very popular hiking trail into the Alborz mountain Tochal, which towers over Tehran. Wikipedia

²³ The **Bakhtiari** (*Persian*: بختیاری) are a southwestern **Lurish** tribe. They speak the **Bakhtiari dialect**, a southwestern Iranian dialect, belonging to the **Luri language**.

A small percentage of Bakhtiari are still **nomadic pastoralists**, migrating between summer quarters (*sardsīr* or *yaylāq*) and winter quarters (*garmsīr* or *qishlāq*).¹

²⁴ Did he have a tent?

Borujerd valley & we spent most of morning surveying mounds. Strangely, some of them were natural; others had pottery but no flints. Of 8-10 looked at we did not see one piece of worked flint. Despite the number of tells & mounds the whole occupation looks late. Charlie got some turds of turtles and a few lizards. I found an interesting population of Barley, but just in bloom. Lots of Johnsongrass, Bermudagrass & creeping alfalfa, but no seed at all! Had lunch in same poplar grove we camped in on [4-24](#), then on to **Nahavand** where we stopped to visit Ed and Belle Yeager, missionaries, formerly of Kersmashah & Faraman, now merely teaching English in the High School. They hold Sunday Service but only 2 showed up. Enjoy teaching. They have a very fine home walled off from a tiny crooked street we could not drive a jeep through. The rent is < 25\$ monthly. The life of the Missionary is not necessarily rough. He gave us news of an earthquake, riots in Turkey and the execution of [Caryl Chessman](#). The first News in weeks & I believe I can do without news very easily. Left at 3:45 and got to **Kermanshah** a little after 6:30. Had drink, dinner, bath & to bed. The stomach is grumbling.” **[Kermanshah]**

May 4 Wed “They get up at 5:30 now, so I got up at 5:00 & shaved. Belly ached. The young MD had come & taken his microscope. Hans Hilbaek had arrived yesterday and Fred Motson about a week before. Fred will not drive to Kabul so they are trying to put the car in my name. Don’t know weather to hope they succeed or not. Information suggests the route through Baluchistan is preferred. Went out to **DIG**. They have finished one layout at 28 & are working on the other. Bruce had finished his second cave & started 27. The second cave started with recent and jumped suddenly to Monsterian without the Zarze or Beradontian. They have soil samples for me. Went to security & got my permit to enter forbidden areas. There was a large group of Iranian expellees from Iraq there. Formalities were civil & brief & I now have security card. Only two letters while I was gone – one from Mehra & one from Schleinter (?) no word from home. Wrote 2 letters home, completing cycle of the kids. Sue on Bazaars, Harry on Kanats, Sherry on Farhad, Richie on onagers. What next? Photographed wild barley field next door.” **[Braidwood excavation outside Kermanshah]**

End of side trip

- May 5 Thu “Day somewhat uncertain. No microscope, no transportation for survey. Finally would up reading Bobek on the vegetation of Iran. He is as uncertain as we are but thinks this area was probably in oak woodland – maybe, maybe not. In aft went to dig. Photographed a profile that looked like it had some topsoil and one of the pits showing debris through which they cut to make pit – also some shots of the sherd yard & Charlie sorting bones. Hiked up the slough found *Hordeum bulbosum* reeds now growing like mad. Very few things in seed yet – one coclslefur (?) from last year & some half-ripe Anemone achenes. Things will pop soon. Stomach still not right. Am hitting the pills harder now – several kinds. After dinner went to see Dr. Farrivar about the microscope. He will sell for \$100 – I am sure a good buy – either Bob or I will take it. He had long story about why he is leaving Iran. It is a shame, but I wish him well. I’d probably go too. Showed me his text books from Stanford, UCLA, CAL & Kans U. He must have had a wonderful experience in USA, but you can’t turn back the clock.” **[Braidwood dig]**
- May 6 Fri ”This is the workman’s day off so things start late. I got up usual time – anxious to try scope - helped wait on the coffee, etc. Forgot to get cover slips from Farrivar & had to use plastic. They make you sort of sea-sick. Looked at wild wheat epidermis, clay lumps, etc. After dinner Douglas, Hans & I took excursion across Mahidesht valley almost to Shahabad. At secondary pass found the oak association along with *Prunus*, *Amigdalus*, *Acer*, etc. Saw & collected *Sitarion*, *Aegilops*, *H. bulbosum* on 1st pass on way out. Back in time for shower & a Scotch. To bed early.” **[Braidwood dig]**
- May 7²⁵ Sat “On the scope in morning, Looked at Bruce’s Kabeh Cave series. There are plant cells clear to bottom of Monsterian – I get same impression from a few slides & let my imagination run. I had better get the stuff back to Oklahoma & do it right. Douglass & I tried to prepare plastic for stripping. A coathanger did very poorly but the end of my toothbrush dissolved very well in acetone. Made a fair strip from reed, but could not strip pottery. In aft Douglass & I went out past dig to Bruce’s second cave, then up draw & canyon due east past village of **Berleh**. Found a rich miniature forest of plum, almond, maple, oak, elm, roses, grapes, spiorea ? & a number unidentified. Grasses & weeds about the same except *Bromus erctus* present. A very pleasant hike, got showered on just

²⁵ USSR announces Francis Gary Powers confessed to being a CIA spy

as we reached car. Back for shower, drinks, dinner & catch up on notes. A LETTER FROM HOME!” [Braidwood dig]

May 8 Sun “Left after breakfast with Charlie, Hans & Doubllass southward over road not on map to **Hulilan** to take another look at the oak association. The upper **Mahi Dasht valley** might have had oak at one time. We found the wild almond, wild plum, hawthorne and pear, but no oak until we reached S. side of valley. Once the oak set in it was thick & continuous for ridge after ridge. Saw large mulberries near ditch. Saw an extensive grave digging (for Luristan bronzes) operation & took pictures. On crest of ridge Maple was abundant. In valley bottoms to south farmers were fighting quite a battle with rocks. Lunch. A pretty streamwide w. willows, ash, raspberries, Roses & an orchid. Hans had big deal shooting lizards. A very pleasant day – *Triticum* visible – learned a little about the vegetation. A Dr. & Mrs. Smith (English) arrived. Nuclear energy people.” [Braidwood dig]

May 9 Mon “Collected weedy barley in morning – 30 single heads including 2 hooded ones! This could be important – also 4 envelopes of bulk. In aft went to [Taq-i-Buston](#)²⁶ & saw & photographed the reliefs – Sassanian kings & hunting scenes bear hunt & deer hunt – could the bear hunt have been at this spot? There is a remnant of a 40 acre or more enclosure - . The geologist got back – Anne is sick. Got ready to take off – more or less – No sweat today.” [Braidwood dig]

Second country loop in Iran – to the south (May 10 – 20, 1960)

May 10 Tue “Left by 7:45 for southern trip detoured to see Shuan # 17 a Neolithic site. Ate lunch just south of **Shahabad (I, Google: 152 km WSW of Kermanshah)** & began to get into nice oak country. Crossing up long ridge some 35 km S of Shahabad the forest became very very nice, maple much in evidence. On S. side saw wild wheat and *Pistacea*. Great variability in the emmer. Must come back for seed. Trip on to **Ilam (J)** beautiful oakes widely spaced with ripening barley underneath. Police asked for pass at Ilam. Camped on high ridge S. Magnificent view in 3 directions. Ilam lights in distance. A lovely setting & fine dinner W. M. Anderson’s gift (Old Grandad) as a

²⁶ These enigmatic sculptures are on the other side of Kermanshah from the Braidwood dig.

starter. Full moon – wind went down mosquitoes came out & not too much sleep.”

[camped on high ridge (part of the Zargos Mountains?) south of Ilam, Iran]

May 11 Wed. “Up at sunrise & enjoyed fantastic view. Then on towards **Gulan [Google can’t find]**. Overtook Mr. Hess at a **Chai Khane**. Collected a while & then on down the hills. Began to pick up orleander. Stopped at spring & photographed oleander, drank water, saw figs well started wild wheats with us no more. Soon out in very hot, dry country. Passed date grove on river & Gulan without knowing it. Finally out in the flat altogether & on to oasis of **Mahran [Google: not far SW of center of Ilam Province, Iran, right on border with Iraq]**. Got benzene & stopped at orchard for apricots; made a few collections. Then extremely hot dry aft over very bad (wadis) road to reach **Deh Luran [Google: Dehloran]** at eve. Drank 2 Pepsis and 6-7 iced Chai Torches. Ice brought from Dezful. No bread all day – so went on to a stream & ate what we had. Took a dip in water about knee deep, slept on soft sand until –“ **[Dehloran, Iran]**

May 12 Thu “- 3:50 AM a few drops of rain & Mrs. B. panicked. Nothing to do but roll up, eat & pack²⁷. Mosaquitoes bothersome; but had to wait for light. Spent some time locating Tepe Musian **[Google can’t fine, either]** & collected from surface. Large Maund with many shreds. Then took an Arab & found **Tepe Bizmurdeh [Google can’t find, Gcf]** small mound with little pottery & good cores. Dropped off Arab and then onward. **Ferrit Korbeh [Gcf]** on cable ferry & in the Andermishle for lunch. Excellent meal in posh Hotel villa – the first in some days. Then to **Ahwaz** over incredible road. stopped at **Shush [Google: Shush is back up the road towards Dehloran]** on way to **Gersmann’s Castle [Gcf]**. Found **Gulestan [Gcfr]** eventually & wound up at Euran Club where reservation had been made. Shower, beer, beer & dinner.” **[Gulestan]**

May 13 Fri “Up late for breakfast, met Dr. Honig, Dutch sugr man, who told of Case Van Dillowein’s death of cancer. Then to Leo Anerson’s for good visit. After lunch, went out west approx. 60 km to **Howeyzeh [Google: Hoveyzeh, Khuzestan Province, Iran]**, the last settlement before the swamps. Took 2 Chevrolet sedans & very comfortable. That eve. 50 cents cigars, caviior, Scotch & soda, chicken & trimmings, coffee & chartrence. The old familiar prince & pauper. Charlie Reed had arrived & joined the day’s activities.” **[Hoveyzeh, ran, near Iraq border & swamp]**

²⁷ I don’t think they have tents. HVH2

- May 14 Sat “To KDS offices & good visit with Charles ‘Chuck’ Simpkins – soils man, Aberdeen & U of Minn. The jeep will take over a day to fix. Charlie Reed got an appointment with the Governor General, but to no purpose. The Shah himself had refused to shoot the fallow deer. Spend most of morning on Pabot’s Herbarium somewhere between 110° & 115° & this is middle of May – not too uncomfortable, however. In aft caught up on notes, send Pabot, went in to Ahwaz on microbus in eve. Not much to see.” [Hoveyzeh]
- May 15 Sun “To KDS offices – short visit with Chuck Simpkins & he got us a car go to [Haft Tepe](#) [K, Google: Haft Tepe, Khuzestan a few hundred km SE of Ilam, in a cultivated area.] Went over plots with David C. Ebeltaft & had good visit. More or less standard studies. Potential is very good. His address from outside Iran is Development and Research Corp. 50 Broadway N. Y. 4 N. Y. & in Iran 80 # 14 KDS, Ahevoz. Must write to get him some seeds. He also mentioned a Laurence Nelson of Lau. Nelsion Co. – a Guar possister – got set of guar from him & hope to get another – also weed barley. The Afrissan alfalfa, senlon, soybeans, ctton, flax, sugarcane, etc. All look good. Back in eve. swim, beer, dinner & to garage to get jeep. Looks like we are ready to go.” [Hoveyzeh]
- May 16 Mon “The boys were up late, but we finally got off, charging everything to Leo Anderson. Dropped by KDS office to thank him & had a nice visit. Then on to **Behbahan** [L, (B), Google: Behbahan, Khuzestan, on down the road to the SE from Haft Tepe]. Much of the way was asphalt, although a lot was one way in width. One stretch across about was unpaved in a sand storm gave us a lot of trouble. Late lunch at **Behbahan** was pretty bad. Douglass wanted geefas but we couldn’t find what he wanted. Then on to **Fehlian** [Google: Fars Province, on to the SE]. Radiator is giving trouble. Picked up a couple of soldiers for a while. Vegetation very interesting Zyzyphus finish then Zyzyphus-Pistacia– Pistacia then *Pistacea amygdalus*. All reach nice size in open parklands. Camped by river among willows & oleander. Had swim & good rest. No mosquitos.” [Camped in Fars Province, Iran]
- May 17 Tue “Up at 5 & finally woke the boys at 5:30. Packed & to Chai Khane, for pretty bad eggs & tea. Then through perfectly lovely valleys in early morning. Warm enough for dates & pomegranates. Wheat looked very good. A beautiful drive past **Fehlian** [Gcf],

where good road picked up & on to **Kazerun** [M, Google: **Kazerun (C), Fars, Iran, on down the same road to SE**] Turned out we had passed **Shapur's Cave** [Google: **located in the Zagros Mountains, in southern Iran, about 6 km from the ancient city of Bishapur, this seems to be in the area he is in**] & we messed around 1 ½ hrs till we got to it about 11:00. A good hike up to it 230 steps on top of a stiff hike. Rather worth it, but rushed for time. Shapur is rather impressive, but pictures probably not much good. Back to **Kazerun** & drove on a way for lunch under an oak. A fine climb up two steep passes but radiator boiling most of the way & using up our drinking water. No wild wheats. Oak zone very restricted. Almonds dominant over much of woodland. In to **Shiraz (D)** & fine hotel by 5:30. Beer, shower & etc. Good dinner in garden, but chilly.” [Shiraz]

May 18 Wed “Up at 5:45, walk in garden – very nice, good breakfast. Took car to garage, them to bazaar where Douglas bought his geefas & a Kashgai hat. The bazaar was very disappointing considering all we had heard about **Shiraz**. Got car about 10:30 – new knuckle & bloofas for motor (they didn't fix radiator) – took off for **Persepolis (E)**. Got there in 1 hr & toured until 1:00 PM. The Director's assistant took some time out to show us around in French. The Palace must have been very impressive when the Achaemenian kings (Xerxes, Artaxerxes, Darius, etc.) were there. It was never completed but some reliefs very nice. – 22 nations are depicted bringing tribute ranging from Ethiopia to Macedonia, Southern Russia, Scythia, Afghanistan, India, Baluchistan, Egypt, Lybia, Medea, Cappadocia, Babylonia, Assyria, Ionia, Arabia & others Backtiari etc. Back to hotel in **Shiraz** for lunch at 2:30. Reza went to some effort to get Iranian food for me. It was very good, parsley, mint, meat & rice. Rested an hour, then to new museum, a house recently given to Archeology Dept. Tombs of Sadi and Haffez; the first 800 yrs ago, the second 600 yrs BP. **Persepolis** [N, Google: **Tombs are in the city of Shiraz, Iran, on down the same road.**] Both famous poets of **Shiraz**. Then to the house & garden of the currently exiled Chief of the **Kashgar** (exiled for favoring Mosaddegh). Some very impressive cypress trees, but the garden falling into disrepair.” [Shiraz]

May 19 Thu “Up at 5:30, packed & had breakfast at 6:00. All went fine until we had just passed the half-way mark from **Shiraz (D)** to **Isfahan (F)**. The car acted out of gas &

stopped & put some in; then it didn't start. After fiddling a little, it went. We were then barreling along at 90 km/hr when the main leaf of the left rear spring snapped & we came close to rolling. We limped along very slowly in 2nd gear for about 30 km to **Abadeh** with the spring stub hooked to the frame. At Abadeh had good lunch at nice restaurant while spring was cobbled up. Then on to **Isfahan**. The delay was only about 1.5 hr but it was nearly 5:00 pm so we decided to stay. Saw great square again & the school (seminary) of Cha'ar Bagh. Stayed again at Pars Hotel but Reza was against it. Said we could have done much better. He might be right. Anyway a shower, beer & good meal helped a lot." [**Isfahan**]

May 20 Fri "Up at 4:30 & were well out of town by 5:00. Moved right along. Breakfast at **Domineh** at 7:00. Had flat tire on way to **Azuah** but delay only slight. Reached **Borujerd [H]** at 12:30 & had tire fixed while we ate at hotel. Good Shishlik. Went back for tire & car stalled going around circle. The same trouble as yesterday. After fiddling it started & we pulled up at tire repair shop, got tire, but couldn't start. Great commotion; people swarming all over. They decided it was battery – one pole was indeed loose. But on Friday aft all is closed. Sent man in taxi to get shop owner who came in and with 2 competitions pulled out the bad cell, put in a new, rebuilt the post, poured battery water from another battery in, charged it & installed it. The motor started & has started since. This lost 3 hours & it was 4:00 PM when we left Borujerd. It is only a 4 hour drive to **Kermanshah (G)** & we arrived at 8:00, after a real dust bath where road is under const. otherwise, no more mishaps & a good trip was had by all. Letter from Marlowe, but none from home." [**Braidwoods Kermanshah site**]

Completed loop No.2

May 21 Sat "Answered Marlowe's letter & wrote home. Turned my Accounting to Bob B. who is down with flu. Went out to the digs. Site 28 is finished, Fred Watson's was finishing a 5 day sondage on later site. There are stone wall foundations & one hole had a little metal. Worked on scope a little & went out to help Fred close out. After he had paid everyone off he told them he had one more card but the finesse were bigger than the baksheesh. Whose could this be? All the working men nodded and said: "Agha Kent!"

Found a fair blade for a souvenir²⁸ but need a big cane. Charlie Reed and Chuck Shimpkins came in from **Ahwaz** about 7:30” [**Braidwoods Kermanshah site**]

May 22 Sun “Worked on scope all morning. Cracked open shards & found epidermal scraps in them. So it looks like I’ll have to become an epidermal expert whether I want to or not. In aft went with Fred & Abdulah to pick up things at site 28. Hiked up the slough again & got some cow manure as a check. Also *H. bulbosum* for epidermis & seed of 2-rowed barley. A new dig is supposed to start tomorrow & the local general is visiting the site today.” [**Braidwoods Kermanshah site**]

May 23 Mon “Worked on scope again. Progress painfully slow but making a little headway. Took car to garage to have spring fixed. Nearly full day on scope. At 4:30 went after car. It was in its trailer with nothing done. A coot named Luigi turned up who spoke French & was surprised that I did. He took me to another garage where they took the spring apart and told me I needed a new leaf. This is what I came for, but they didn’t have one; so a boy & I went to the bazaar, found a leaf, bought it and brought it back & they finally installed it at nearly 7:00 pm. Persued “Studies in Ancient Oriental Civilization No. 31” by Braidwood, House, Reed, Halbeck, Wright Motson just out. Nice report on the work in Iraqi Kurdistan.” [**Braidwoods Kermanshah site**]

May 24 Tue “Scope again, still reed, reed, reed in Site # 28. Hans left on morning plane. He is definitely less confident now. He is beginning to see what variation can do to you (I think). In aft Douglas & I went beyond Bisetun looking for rice. Didn’t find any. On the way back drove up a little valley in the **Bisetun Range (in SW Iran)** to head of talus & found the oak & *T. dicoccoides* again. The later just beginning to head out. No Pistacia visible. This is the 6th known location in S.W. Iran.” [**Braidwoods Kermanshah site**]

May 25 Wed “Still on scope. Figurine seems to have again impressions. Clay lumps look like grain, but epidermis comes out mostly reed. Went to P.O. & customs to get the jar of plastic Jan had sent. Tried out plastic in aft – works fairly well, took car to be serviced, turned in travel expenses acct to Bob. He will advance some money to keep me until mid June. The expedition is about to wind up.” [**Braidwoods Kermanshah site**]

May 26 Thu “Worked on Scope some. Fred KM9 hearth seems to have both reed & cereal. Maybe I’m not crazy after all. Went to sites; they are closing both today. KM2 is later

²⁸ Indiana Jones again.

JACK R. HARLAN EXPEDITIONS – EXP. # 2 – IRAN, USSR & ASIA – 1960, 61 Trans

Uruk – protoliterate – pots, seeds, blades, etc. Bruce has just found a circular cemetery at the bottom, but will have to leave it. Two corpses might be brought out. Two fruits in clay lumps yesterday – one a legume, other a haw? The geologists got back about suppertime. Reported very good cores & hopeful for pollen. Ann is getting quite a collection of plants. And a good bull session in evening.” **[Braidwoods site]**

May 27 Fri “Spent most of the day trying to find out what the Sarab (site # 28) people used to temper pottery. This should be critical. At first glance it was definitely not reed and I don’t believe cereal either. Looks like dung. One type of epidermis I could not identify but I found it in cow manure from the site. Went out to Asirab. They will dig still another day because of the animal bone piles at the bottom. Collected some seeds & epidermis, but they do not fit. Brought the skeletons in. Ann has wild emmer from a site near Iraqi border in oak association. This makes 7 locations, all in the oak. In eve had a seminar until about 10:30 talking over what we have done. We should have had more of these but time is running out.” **[Braidwoods Kermanshah site]**

May 28 Sat “My duty for the morning to take 2 men from National Geographic around. Bob pulled institutional policy & charged \$50 an hour - half of which goes to the project & half to me. We made the grand tour – Kabsh, Cave # 1, Sarah & Asiab & the museum at camp. 3½ hours – not bad. This will pay for the scope almost. The photographer is Tom Abercrombie, the other....., headquartered in Wash. DC. Most of aft spent on the contents of a pot case had dug up. Except for wood charcoal, quite sterile, although very faint impressions seemed to be there. Too sandy probably, but a new technic is needed. A hunter called on Charlie in eve. about wild sheep. Got off a letter home. Asiab finally closed & they are filling in.” **[Braidwoods Kermanshah site]**

May 29 Sun “A long rough day packing material. Clay lumps, soil samples, coprolites & hearth material. Linda & Douglass left with no ceremony or goodbyes. Most of the hard part of the packing is over (I hope). Another day like this should do it.” **[Kermanshah site]**

May 30 Mon “Another try at wild sheep for Charlie. He was snowed under so I agreed to get up at 2:30 & take the hunters out. Fred’s alarm was set for 2:30, but went off at 9:30 Just as I was sleeping soundly. It was just cat naps from then on. Charlie, bless his heart, got up to get some breakfast & pack a lunch. The hunters arrived right on time at 3:00 & we

took off for **Saneh Pass** & up an old British jeep trail that probably hadn't been used since the war. They went from there & I collected a little & went down to a Chai Khané to wait. Some beautiful flowers including a 'mint' and also the wild emmer. Waited about 7 hours. Hunters had tried hard, but seen nothing. Went on back & got in a nap before supper. A nearly lost day – should have collected longer. Charlie has less to show than I today.” **[Kermanshah site]**

May 31 Tue “Second day of packing – got nearly everything ready. Took all afternoon to get the USDA collection fixed the way they want it. No wonder their collectors don't get much material. Everything shut down now & just waiting for weed seeds for the final shipment.” **[Kermanshah site]**

June 1 Wed “Helped Bruce today – sorted shell from Asiab & put it to soak – to be washed & weighed for an estimate of clam meat. In aft wrapped coprolites for Hans & me 'till I couldn't stand it any more – over 2000 wrapped in. tissue paper. Les came in & we spent evening discussing plans. The car is the main worry now. Will try to get a box made for the jeep. Charlie has a 'wild' sheep at long last. It is a tame one from a village flock about 15 months old. He hopes to get Blackie Burris to raise it to maturity & then get a skeleton. It is still a long shot. The animal is very tame & looks more like an antelope than a sheep. Should write home, but it is late now.” June 2: finished wrapping corpolites and helped with the clam shells.” **[Kermanshah site]**

June 2: Finished wrapping corpolites and worked on the clam shells – a back breaking job. Hands were for hours in lime water and sharp shells. Finally got weights just before noon. 89 kilos in one barrel. Something over 150 kilos in altogether. In the afternoon rested a little while helping Fred. Began to recover by evening and packed most of the museum pieces. Hope they arrive OK. A long hard day packing. Also helped Charlie a little.” **[Kermanshah site]**

June 3: “Spent most of morning banding crates. The truck was ordered for 11:00 & we were ready to load by noon – not bad. The hamals²⁹ were incredible. 3-4 men lifted the crates & barrels onto 1 man & he staggered out to the truck with it. Several crates held 12 cubic feet boxes which must have weighed 50 lbs each – this is 600 lbs plus the crate a minimum of 650 lbs & some probably about 700 lbs. The whole thing was fantastic. Bob

²⁹ Hamels are porters. Word origin of 'hamal' from Arabic hamala to carry.

couldn't stand it & left. The whole thing was done in a little over an hour for 1 Toman a box! In aft. Went with Bob, Fred, & Liz to a site Bob wanted to see. Didn't look like much to me, but we got a terrific dust bath. Back for a shower, a couple of beers & to bed by 8:00. Glad it's over. [**Kermanshah site**]

June 4 Sat “Started to learn Persian script. Farad makes it look easy, but I see trouble ahead on it. Mostly a day of rest – at last” [**Kermanshah site**]

[Harlan is driving away from the site in Iran with Fred]

June 5 Sun “Fred & I left after breakfast for **Ilam**. The water had gone off the aft. before & never came on so we had the egg water & some other rather brown boiled water to take. Gene was out of meat & our supplies a little skimpy. The trip was delightful. Fred is good company. Reached the big ridge at 11:00 am & I hiked down collecting. Spent 5 hours on the ridge including lunch. Drove on to nearby Ilam & camped among the oak trees. Lots of mosquitoes, but it cooled off finally & all was well.” [**Ilam**]

June 6 Mon “Drove through **Ilam (B)** & to the ridge where we had camped [May 10](#), then returned to **Ilam**. The police hauled us in & we had tea with the captain. No bread baked this time of the morning. So bought benzene & left. Reached the **Chai Khané** about noon, but the meal wasn't ready & Fred didn't want to risk it. So, bought bread & went to top of the long ridge for lunch. On in to **Kermanshah (C)** in time for a shower & over to Point IV rest house for supper.” [**Kermanshah**]

June 7 Tue “My birthday but no rest. In fact a hard day packing my stuff & helping others pack. The yellow jeep now in good ?? shape. The box fit; lots of spare parts & they went under the seat. Seems to be plenty of room in the box for all. Got moved to the Point 4 house, pooped” [**Kermanshah**]

June 8 Wed “Breakfast at 6:30 by special concession, but later than I wanted. Got off to **Khorramabad (D)** [**Google: 195 km to SW**]. Picked up a greasy old coot who sang all the way to a village past **Harsin (E)** [**Google: Harsin**]. Reached **Khorramabad** by 12:30 by driving slowly. Ate lunch, got benzene & headed for **Kuh-i-Dash't (Google: Kūhdasht (F))**, [**Google: off to the west of Khorramabad**]. Found the wheats alright, but

a poor assortment. At 70 km gave up & came back collecting tame wheat on the way. Picked up another old coot who didn't make a sound all the way. Got Hotel room. Tired, dusty & hot – no bath, a tank of water in the hall. Washed as best as I could & hiked all over town looking for a drink. Finally located the joint near the hotel. Had 2 beers with the boys who were whooping it up in the back room, ate dinner & to bed still tired but no longer thirsty.” **[Khorramabad]**

June 9 Thu “ Waited in line at benzine Khané (or gas station) but still off by 6:00. Collected wheat, wild & tame on the way back. Saw the wild w. all the way to Harain, although erratic. Springs getting very weak but did not see a broken one yet. Arrived at K **[Khorramabad?]** about 1:00, too late for lunch at guest house, so went to Bristol Hotel. Better lunch than at the guest house anyway. Went back & collected weed seeds³⁰ for awhile then to guest house for shave, bath & clean clothes. Scotch before dinner & felt well again. Tomorrow is Friday & this poses a problem. P. O. will be closed, so better take my hike, but hate to start so late.” **[Khorramabad]**

June 10 Fri “Got off about 7:00 & reached top of tableland near Beleh approximate Kabeh Cave about 8:00. **[Google found Beleh Kabud north of the loop, but could not find it in the Goodlge Maps part. HVH2]** Climbed & collected about 4 hours & reached the ledge about noon. Snow banks and black tents. Stayed for dinner. Watched women baking bread, drank dogh, ate soup, head, muttonburger, had tea, Nice visit. Good food, as it turned out no fleas – if it were not for the flies the black tent people have it pretty nice. Boy had badly inflamed arm. Brought him and a male relative back to ‘K’ & with Dick Corly’s help located a doctor – shots to be given & I to take them back tomorrow at 9:00. A hard climb for an old man.” **[Khorramabad]**

June 11 Sat “The people not there at 9:00, so went out road towards **Sanandaj (G)**. Saw lots of wild wheat & made a feew collections. Saw my first B. isch in Iran, but just blooming, no seed. Collected Bermudagrass. Dr. & Mrs. Wymann of Boston U. arrived & when I went to help him buy a ticket found there is no bus on 14th, so will have to go up Monday. This will rush things. Write Sherry & Richie.” **[Khorramabad]**

June 12 Sun “A day lost getting ready. Gave back the jeep. Wasted a lot of time at the mission trying to get mail. Went to Post Office & mailed the Bermudagrass but they

³⁰ I think he is importing weeds into America!

wouldn't take package of seeds. Wrote short report for Leo Anderson. Went three times to residence of Eng. Sauadani to return the report to check supplies. He was not there. Finally went out to dinner at **Bisetun hotel** – much better than Point 4 House. Packed everything and lay down to awaken at 3:45.” **[Khorramabad]**

June 13 Mon: “Got to bus **[for Tehran]** at least ½ hour early. Dr Wymann is a very particular type. – wouldn't drink soft drinks – afraid what got under the cap – wouldn't drink tea – afraid of how they washed the glasses, etc., etc. But guess who had the upset stomach! We forgot our sandwiches but ate off the country very well – boiled eggs, cheese, tea, etc. A pretty good trip but long. Got up at 6:00, showered and went to a cocktail party at Mrs Leishman's – British Embassy and after to the Tehran Club for dinner – all very nice but dead tired. Bob Deinson of Penn State was there & getting ready for his dig at Hasanabad also a Goodman-Wilson of the British Embassy & a Derrick Hill. **[Tehran]**

June 14 Tue: “Got up early despite short sleep of last two nights. In due time went to see Farzaneh. The old coot hadn't done anything in 2 months & had to be told of the program all over again. I doubt if Intourist will have heard of me when I got to Balarus. Paid 36.00 for commission & hope I get something out of it. Went to Afghan Embassy & met 1st Secretary Mr. Agha. He indicated no trouble getting visa, but the visa man not there. Siesta after lunch & then 2 hours briefing of **Liz & Les** on collecting. Beer, dinner on Bob, the host. He & Bruce leave tomorrow. Dr Kantor & her father Dr Kantor – fine arts at Dinner together with Dr Sammani, Ezat, and the rest of us. Very nice farewell. The wine No. 6 is good. Steak was better than at the Tehran Club. Hope red tape clears in the morning.” **[Tehran]**

June 15 Wed: Bob had terrible time with bill and left it for us to settle. Had to catch his plane. Got Afghan Visa in a few minutes time – registered with the police in ½ hour, but USSR consul said come back Friday. Went to security & they said no visa no pass so will have to wait until Sat. So after lunch called an ICA & after false start finally met Dean Walker of Utah State. Nice visit, but short. Ezat came at 5:00 alright but Iran Auto Association closed so will have to go again in morning – a nearly fruitless day, but Farzaneh said he would telegraph Intourist today. Hope it all goes forward. The constant red tape is preventing me from doing a lot of things I would like to do.” **[Tehran]**

. June 16 Thu: “Went with Ezat to Iran Auto Association after some discussion concluded to go to Afghanistan with the German Carnet – they will do nothing until this expires. Then to bank and got 1500 of the green stuff, but had to pay 2 \$ each or 1,000 rials. Looked for knife and tramped the bazaar but couldn’t see anything I really wanted. After lunch did a laundry. Joe Walsh showed up & same yakety yak over his bill which the expedition will probably pay for. I finally cashed a \$ 20 check for him & left that evening. Meanwhile Liz & I went back to the bazaar. She could see more interesting things than I could – hand forged tools for instance, but what do you do with them? Finally bought two village made knives for the boys and a pair of geevas³¹ for me.” **[Tehran]**

June 17: “Spent the morning at the USSR embassy with no Visa. Went to botanical gardens.

June 18 Sat “Red tape finally moved. Got USSR visa after the wait, went to Persia Tourist then to security – got border permit, then to police & got exit Stamp, then to bank to cash Farzaneh’s checks. **I was mad the whole time which may be why things moved a little better.** Finally paid off the leach & walked back to hotel still fuming. Bought car seat on the way. After lunch worked up the bill & paid it. Between the expedition & myself it comes to about \$1800! Wrote Bob about it, took packages to ICA, packed etc. Sore throat & taking pills. Reza came in evening & we took him out to dinner. We should get off in good season tomorrow.” **[Tehran]**

June 19 Sun “Had breakfast & packed in a leisurely manner & left hotel at 9:00. Stopped & bought the German knife & went to P. O. to unload mail. Out of town by 10:00. Drove up **[apparently by himself] Karaj Canyon** very steep & rugged – wonderful scenery. Had lunch at resort hotel – very expensive, but good. From top of pass went down a very impressive grade. Things too young to collect. Wild lotus abundant, *Vicia variabilis*, *Lathyrus tuberosus*, *Vicia* spp. Many others. *Prunus* also. But only got an Iris. Tried for the big leaved maple down low, but still too green. Got a cypress of some sort. Finally, came out at **Chalus**, had a grand dinner, did some sightseeing & **camped on beach.**”
[This is on the southern beach of the Caspian Sea.]

³¹ Geevas are Persian cloth shoes.

June 20³² Mon “Slept late – beach very nice. Repacked, ate melons & plums we had bought night before & saved the seeds. Drove on, collecting a few items, very few. Stopped to photo rice paddy & stilted granaries. Stopped at nursery of the Shah at **Ramser**. An Italian named Bondi is director. Visited in French & he promised seeds. Had lunch at another hotel of the Shah’s & saw the Shah’s private plane. Had coffee on another terrace with Bondi & then on. Stopped at a tea processing plant – some 120 of these & lots of tea on the mountain slopes. Real production here. Here beans often interplanted. Also saw silk industry with mulberries & worm houses. Finally into **Bandar Pahlavi** fairly late. Rooms with bath & good food again. Our expense account isn’t going to hold up. Cold gone to head & pretty miserable, but a very interesting day.” **[Bandar Pahlavi]**

June 21 Tue “Rained like crazy during the night – Started looking for place to buy boat ticket & found a Kampax office. Sometimes Les is handy to have. The Dane sent a man with us & I bought a 2nd class ticket (for boat). Then to police to check papers. Then checked out of hotel & Liz & Les left. Hope all goes well. They’ll be out of money the way we were going. Wrote to Jean & Sue & ate & waited. At 2:00 pm started through customs & finally got on boat, which actually left about 4:00 pm. The boat turned out to be very nice, clean, food good, service excellent. Had dinner then tea & then a movie. It seemed to be about an heroic tractor driver, but enjoyed by all.” **[boat ride from Bandar Pahlavi, Iran to Baku, Azerbaijan, 200 miles or 173 nautical miles]**

USSR June 22-July 1, 1960 (10 days) [Harlan is a tourist in this phase.] ([Return](#))

June 22 Wed: “Up by 6:00, shaved & sat on deck until breakfast about 8:00. Napped, studied Russian a little & managed my cold. It was a nice lazy boat ride – landed in Baku about 2:00 & cleared customs & arrived at Intourist Hotel about 4:00. Room very nice & hot water hot. Took short walk & had dinner. If those are prices on the menu it is fantastically expensive to live in the USSR. But the food is good. Another walk in the park – very quiet for an amusement area.” **[Baku, Azerbaijan]**

June 23 Thu “Found out they had daylight time here, so I was an hour off, but things don’t seem to start until 9:00 am. Saw Intourist people. They would not let me go by way of

³² Around this time Mali & Senegal become independent from France, along with other former French WA colonies.

Kransnovodsk but had an airplane ticket made out for **Ashkhabad**³³. There was some discussion on this – no logic at all. But I didn't seem to have much choice. In afternoon went on excursion of city with the American family on the boat. The old city was the most interesting but even that was pretty tame. The Caspian is going down 8 cm/year or 2 meters every 25 years. This is making some difference in the port and the fishing business. Baku has a fantastic number of oil wells but some of the fields are playing out & they are water-flooding. The town has little over 1 million but very few houses, mostly apartment house & big buildings. The port is strangely quiet for all the cargoes and equipment in sight. In the aft. just as I was about to bathe they called & said I couldn't go to Ashkhabad either – no Intourist service. Arguing did no good – a new ticket will be prepared and I will go to **Tashkent**. Another walk in the park before bed” (Finally got ticket to Tashkent, after being turned down for two other destinations).” **[Baku, Azerbaijan]**

June 24 Fri “Reschedule now arranged. Went to Botanical Gardens and had a nice visit with the Assistant Director – address to follow. We will exchange some seeds and literature. The Director is a lady who attended the Bot. Congress of Montreal in 1959. They have a flora of Azerbaijan almost complete- are working on the chemical properties of the *Tragacanth Astragalae* – some alkaloid to be extracted also extracting something from licorice. A good visit. Back to the hotel, lunch & off to airport. Plane was a II-18 very nice 4 motor turbo prop much like ours but a few extras left out. No P.A. system, no air conditioning, seats keyed to the floor 3 on one aisle and 32 on the other. No visibility from front half. Clean, neat, well appointed ship. Served dinner, but only sandwiches & tea. **Arrived Tashkent** in two hours and 15 mins. Got suite in best hotel across from ballet theatre. Hiked that evening but did not see much.” **[Baku, Azerbaijan]**

June 25 Sat “Sightseeing tour of the city- parks & buildings, etc. Kosmonaut park most interesting but far from hotel. Aft. went to museum of fine arts. Then a long, long hike but no luck. Concert & ballet in evening was great fun, but I missed dinner – Restaurant being closed after I got out at 11:00. Bought bottle of vodka & a risotto in park. Neither very good. Altogether an interesting day especially the ballet.” **[Baku, Azerbaijan]**

³³ All this hesitancy on the part of the USSR officials may have had something to do with the May 1, 1960 downing of the American U-2 spy plane and capture of its pilot, Francis Gary Powers, by the Russians. Harlan wanted to fly directly across the U-2 flight path.

June 26 Sun “Trip to countryside. Sat in riverside teahouse with Uzbeks and talked about cotton. Their statistics pretty wild. Rained a little; considered very unusual. Stopped at bazaar on way back & bought a Ukrainian shirt – very expensive. Free market crowded but state stores also open. Then to young pioneers palace where a group was practicing for a trip to **Kiev**. Chorus & Orchestra. – very good. & the kids were having a lot of fun. A chess circle with one 5 yr old boy with a Chinese face can beat almost everyone in Uzbekistan³⁴. He beat an American visitor in about 20 moves. An Uzbek dance group put on some dances, then took us by the hand & led us to the gate and said “goodbye” in English. Wonderful kids and they are doing an excellent job with them. Still it seems like a very few children being reached here for a city of 1 million. In eve. went to **Samarkand**. Plane about 1 hr. late. Flight took 58 mins. – 2 motored prop plane well appointed & comfortable – seats about 30. Got largest suite yet but no hot water. People friendly. Hiked through parks. [**Samarkand**]

June 27 Mon Toured around. Visited the Biology Faculty of **Uzbek State Univ**. Talked to lady assistant in herbarium. They are doing work with plants for economic botany. *Acanthophyllum gypsophiloides* is a Caryophyllaceae plant with a large root used for candies and starch. *Zagochilous inebrians* used for medicinal purposes. Some others also work on *Elaeagnus* and the jujube (*Zyzyphus jujube*) and some Mitchurinist grafting of wheat, cotton, jujube and others. Then to [tomb of Timur](#), tomb of female line of Timur & then to museum. After dinner hiked through parks & place of culture and rest but no rest. A disappointing specimen only. [**Samarkand**]

June 28 Tue “Up before 6:00 & packed. Got from Sacha another 20 approx (183.50 Rubles). He took a \$20 bill no trouble. Plane was late but got off at 8:14. Nice long trip just under an hour. Aisle seat again & could see very little of countryside, but looks dry & borders a much smaller oasis than Samarkand, which is much smaller than Tashkent. Another suite but bath reeks & it’s hot in **Bokhara**. Had breakfast and a tour of the sights. Somewhat more here than in Samarkand as far as number of places goes, but the seminaries can’t compare with the active ones in Isfahan & only one big tower is unusual & it is very difficult to photograph. Very nice chauffer and a dedicated socialist for a guide. The tour hot, tiring & somewhat dull. Search for material fruitless. Guide took me

³⁴ This young man may have been [Georgy Tadzhikhanovich Agzamov](#).

to restaurant uptown. The one in the hotel closed because of sewage problems. No water at all. Still very hot. After dinner hiked about & got 1 sample *Morus* at public park & another in hotel – not much for the effort.” [Bokhara]

June 29 Wed “Breakfast at restaurant uptown. Then to plane - stopped briefly at Samarkand on way back. Arrived **Tashkent** at about 1:00 local time. A new interpreter ready for me. Got new room & lunch and then to Botanical Gardens of the Academy of Sciences, Uzbek CCR. The Director, Dr. Pycahob, took me around and showed me the garden which was started in 1951 and isn’t finished enough to be opened to the public yet. Large collection of N. American trees. Small grass garden. Most work on *Yucca*, tulip, and *Hisbiscus*. Crossing, cytology & some basic work. Foundation for a very fine garden being laid – 15 km of walks so far. Got quite a bit of literature and a sample of *Thuja orientalis*. Good visit. Spent most of evening with an American – Fisher of Ford Foundation, a Frenchman who travels for a cloth company of Lyons, and a Swiss. **Stomach on the rampage**, probably from Bokhara and some bad beer. [Tashkent]

June 30 Thu “**Slept late & went without breakfast for my stomach’s sake**. When no one showed at Intourist by 10:30 went down to Dept. store & spotted a drum & hats I believe I would like to get. When I got back Lili was waiting. Bought 2 more days at Intourist (they had ticket for me to go to Kabul tomorrow – talked them into changing for Saturday) and got 20 in Rubles for shopping. Appointment at 3:00 but postponed to 4:00 we shall see. **When the stomach is not feeling well try a luncheon of caviar, bread, cheese, cucumber salad, and white wine. Not bad**. At 4:00 went to Central Asia irrigation Inst., a part of the Uz. CCP Academy of Sciences. Organized in 1925, has 14 Depts. And labs. Hydraulic Engineering, and Irrigation labs, economics, experimental shop, library, etc. > 500 people incl. 2 Doktors, 38 candidates, 140 specialists, and the rest were technicians.” [Tashkent]

July 1 Fri “Three months gone & seven to go. A lot has happened & a lot more to come. The ticket to Kabul is about \$65 and two more days with Intourist is \$60. Total all expenses inside CCCP is \$505 plus costs to get here run about \$550. At 10:10 nothing had transpired, so went with Ford Foundation man on tour of the city for 2 hours. No great interest - at noon went to Horticulture Institute – all aspects of work on fruit improvement except marketing. 600 kinds of grapes (later said 800) more of apples, 350

of pears, etc. The guy is cold – a Mitelcluriest (?), but uses conventional breeding. Tries to make fantastically wide crosses. Claims results. Calls Persian walnut *Juglas niger* and doesn't think much about American persimmons. Talks about using graphs of F1's to improve stock. Jujubes very good but sugar added. Got sample of *P. alderiana* and should send some pecans at least. [SOMETHING IN RUSSIAN] is the full data on the guy. Returned to hotel, packed, went to art shop & bought a beanie (man's but I liked the color better than the others). Had the usual luncheon – it is now 5:00 PM. The bill at the ballet theatre is a concert, but the lady said 'Suclem Hem'. Got to go." [Tashkent]

Afghanistan July 2 - 27, 1960 (26 days): ([Return](#))

July 2 Sat Intourist guide named Rosa banged on the door at 5:30 & kept fusing until I went off without shaving. No rush, of course. Had to pay excess baggage, had breakfast at terminal. Finally got off about on time. Got rear outside seat & for the first time could see something. Tarmac interesting & peculiar. Customs formalities very brief. Then over the hump of the Hindu Kush – a beautiful flight. They had oxygen masks – took a few pictures. Got to airport about 10:00 local time. Caught a bus delivering Russians in to town. Went to the U.S. Embassy got room at hotel – labeled materials and back to Embassy with materials. Then out to ICA where I met Patton (fruits), Palmer (Hort.) & others. (Reed Lewis in charge of agric. Sect.) Got back to hotel about 4:30 hadn't eaten yet, so went with Les to get a kabob (Liz & Les arrived just as I was leaving Hotel for Embassy) – Nice timing. Looks like things will get off the ground in time." [Kabul]

July 3 Sun "Drove out to ICA & went with irrigation engineer to look over a small demonstration project with the Minister of Agriculture. The Minister was in a big hurry but referred me to the next in line a Mr. Kishtiyar to contact on Tuesday. Back at hotel wrote report on Russian trip. Out to lunch at local restaurant – very good food. Shopping with Liz Bought Karakul hats & big melon. At hotel rested & prepared second shipment. Then a little vodka & melon. Out to dinner at another local restaurant & again very good. Browsed through some side streets & off to bed. Les went to International club & found Fred Mateson there who says I have mail." [Kabul]

July 4 Mon “Called on **Dr. McAnnelly** of the Wyoming contract. Very nice house, beautiful taste in buying curios, etc. **He seems to know the most about the country and is most interested in getting the plants.** Very fine visit. Then to picnic – a big mob of over 400. Flag raising with 50 star flag, hamburgers, etc. In aft. to International Club for a few beers. In evening to Ambassador’s reception & another big, but different, mob. Ate so many canapés³⁵ we didn’t need dinner so to early bed. **[Kabul]**

July 5 Tue: Met with Patton & Palmer briefly. **Palmer not much interested.** Patton not likely to help much. Patton took Les up Paghman Mountain, while I went to the Embassy to deliver stuff & get my mail. The passport must be registered & a resident visa obtained. This requires 2 days& then 3 days notice before travel. Finally wrote home. Had dinner at International Club. Went out to museum & tried to see Dr. Elliot. Saw little at Museum in 20 mins. & missed Elliot. In evening went to the house of British Consul Mr. David for drinks, dinner & more drinks. Home at midnight. **[Kabul]**

July 6 Wed: [A long entry with not much to say, better to summarize.] Harlan met more people (Earl Sumner, Jean Motte, Mayael (a former student of Bill Harlan, 22 years previously), Kishtizar, Mr. Nalaaband, Ramsey & Fred), still in Kabul, trying to get some help from the local officials. He needed authorization letter from Ramsey at U. S. Embassy, so had to go back to hotel to get that started and then back to Embassy. A big day of running around from here to there trying to get some cooperation to get this ball rolling. **[Kabul]**

July 7: Got Ramsey’s letter and Les got his from the British Embassy. **[Kabul]**

July 8 Fri “Got off a little fter 6:00 for excursion to **Paghman**³⁶; collected seeds & onions, etc. in town. Drove out end of roads trying to get up enough to look for the Plumbarb. No luck but saw nice country estates, villages, gardens & orchards. Back to park³⁷ and ate 39 kababs & 5 pots of tea. Between us. Then on home with a pretty fair collection.” “Tried to catch up on sleep, but too hot and too many flies.” **[Kabul]**

July 9 Sat “After some delay “found Summer and collected his Afghan wheats and barleys. It was hot and my stomach had cramps & didn’t know if I’d last the morning. Got back at noon, then to Embassy. Cleared film shipments in pouch and arranged for elm

1. ³⁵ A canapé is a small, prepared and usually decorative food, held in the fingers and often eaten in one bite. Wikipedia

³⁶ Paghman 24 km to the NW from Kabul, beautiful formal gardens.

³⁷ Park Esteqlal (formal gardens in Paghman)

shipment both for Tuesday. Les had collected in Kabul bazaar in morning & went swimming in aft., as usual.” Then they went to the museum “took a good look – some very interesting items, but the Kafirstan (Nuristan)³⁸ wood carvings the best ... Bought a small fan and slept better.” **[Kabul]**

July 10 Sun “Up at 5:00 to get Les off. Helped Liz label the collection, then to bank for more money: \$200 this time. As we left for bank, we saw Les’s baggage arriving so we knew the plane hadn’t gone. The bank killed the rest of morning. In aft in bazaar, bought string, earrings, had a bracelet made, nose bag for seeds & found the wild rhubarb. Les had taken the jeep & gone to IC (ICA?). After some frustration Liz & I decided to follow it so we cleaned up (a fifth day in bazaar) & went out to club in taxi. Sure enough Les was there so we got him to buy us beer & sent him after the rhubarb. He returned shortly & said they would try to get roots but seeds would not be ready for 2 months. Had dinner at club & came home. The basket has 1 Arabian coin, 1 Iranian coin, 1 Afghan coin, 1 Pakistani coin, 1 Bokhura coin 1 Timur and 1 Shah Jehan, all nice except the new Pakistani one. Met Josephine Powell and Louis Deprés. Packed seed in nose bag.” **[Kabul]**

July 11³⁹ Mon “Les got up early again to catch the plane. Liz & I had breakfast & set out on collecting trip. Left camera at leather shop to have case made. Hope I don’t lose it. Trip was over old road to Jalabad as far as **Sarobi (Google: Surobi is about half way, 90 km, to Jalabad)** and back up the new road through canyon to **Kabul**. Small collection, but a very nice shrub with bright red berries & pleasant odor. Upon returning found Les had not gone again & that the Minister of Agriculture had refused to sponsor me. Went to U S embassy & Ramsey said he would send the usual letter & if there is no protest in 48 hours we can go. It may take him a couple of days to write the letter though. In eve. had

³⁸ **Kāfiristān** or **Kāfirstān** (**Pashto**: کافرستان) is a historical region that covered present-day **Nuristan Province** in **Afghanistan** and its surroundings. It was also referred to as "Afica"^[*citation needed*], but this was changed because of its close similarity with the name of the continent **Africa**. This historic region lies on, and mainly comprises, the basins of the rivers **Alingar**, **Pech (Kamah)**, **Landai Sin**, and **Kunar**, and the intervening mountain ranges. It is bounded by the main range of the Hindu Kush on the north, the city of **Chitralin** what is now **Pakistan** to the east, the **Kunar Valley** in the south, and the **Alishang River** in the west. Kafirstan took its name because the inhabitants of the region were non-Muslims and were thus known to the surrounding **Muslim** population as **kafirs**, meaning "non-believers". They are closely related to the **Kalash** people, a fiercely independent people with a distinctive culture, language and religion. (Wikipedia)

³⁹ Ivory Coast, Dahomey, Upper Volta & Niger declare independence; Moise Tsjombe declares Congolese county Katanga independence

dinner & drinks with the Duprés & Fred Matson. Fine eve & the Duprés have a lot of very fine items some of which were bought for the museums. **[Kabul]**

July 12⁴⁰ Tue “Went to US embassy and retrieved passport. Ramsey is too slow. Went to Afghan Tour with Les & got mine cleared right away. But Les is to be deported since his Visa ran out. They will not extend it. At 10:00 back to Embassy & out to Ambassador’s residence to get cuttings of round-topped elm. Got this shipped plus films by 11:00. Then with Liz to leather worker’s but he had not finished. Saw shoe bazaar on way to eat – a mess of kabobs and (rice) pilov. Back to hotel, while Les was supposed to do something about his visa. He did not return all aft. - probably swimming. Back to leather shop at 4:00. He seems to have done a nice job & I still have a camera. Looked at shoes & cloth again – didn’t buy. Listened to street musicians awhile; pretty terrific. Still no Les. In fact he came in after I had gone to bed. Liz had terrible thirst but couldn’t quench it in this town.” **[Kabul]**

July 13 Wed “To Embassy to see what my letter from the ministry of interior said. It was in Pustan & they couldn’t read it, but it said: Girmish & Helmand Valley on the 14th. German mechanic was asleep so I delivered Elliot’s reports, left my sack of seeds with Summer & went back at 10:00. It was in pretty bad shape, but fixed by 1:00. After lunch to German Embassy for book, but closed. Then to [Barbur’s Tomb](#). Packed a while & sent Les after beer; took 1 ½ hours & we found out he had to persuade the bar tender at great length because it was against the rules. Anyway we had a few, then dinner at the native restaurant & to bed.” **[Kabul]**

July 14 Thu “Les was supposed to leave at 4:00 [AM]. He came at 3:30 & got his stuff out, but the man didn’t show until 5:30 & I was nearly bushed, myself. Loaded the jeep & had breakfast at regular time. Said good-by to Liz, stopped at Embassy – no mail & was off by 8:00. So glad to leave Kabul. Drove almost without stopping until after 8:00 pm. Just 125 km S. of Mukur (**Google: Moqor 250 km south of Kabul 4 hr, 14 min on today’s road, but I think Jack was splitting out of Kabul, so maybe so**). Made a few collections in morning, but to just scout first trip over and collect coming back. Picked up a hitch hiker at Ghazni (**Google: Ghazni city 170 km SSW of Kabul**) & took him to Merkur. (**Google: Moqor 130 km total, or 110 km past Ghazni**) Had a flat on way &

⁴⁰ Congo, Chad & Central African Republic declare independence

he helped change tire & picked up a spare which was low. At Merkur he gave me a part of a green tea which was really welcome & went on. Camped off road, after dusk, so as not to be disturbed. Cooled 3 cans of beer with wet socks & ate a box of English biscuits. Beautiful night to camp out.” **[Moqor, Afghanistan]**

July 15 Fri “Cold at 4:30, got up, packed & got off by 5:00. Picked up another hitcher – not as nice as the other one. Got to Kandahar about 9:00 (**Google: he is now 500 km south of Kabul**). Found ICM guest house. Got room, bath & shave. Met a Capt. Joyce of Pan Am & visited over real coffee all morning. Lunch & took tire to be fixed – snooze, pretty hot to do much & town closed down until eve. Got tire, oil & gas, beer with Capt. Joyce, dinner & a nice visit after. Bought ½ can of beer & 1 scotch for \$4.00. Fantastic.” **[Kandahar]**

July 16 Sat “Up about 4:00 packed & got two samples of Bermudagrass to send by way of pilots. Drove to Kajakai Dam. Nice dam & lake, but a whale of a disappointment. No rain this year & no grass. All this way (200 km) for nothing at all. Didn’t quite make it back – out of petrol about 5 miles from Girishk (**Google: Girishk or Gereshk is a town in Nahri Saraj District in Helmand province on the Helmand River in Afghanistan, some 120 km (75 mi) northwest of Kandahar**). Army convoy gave me a gallon in the evening, but I was sure they’d be closed at Gerishk so sacked out until morning. Supper on lemon biscuits & beer. Breakfast on big melon. Lunch at dam on melon, bread & tea.” **[Kajakai Dam]**

July 17 Sun “Slept until 5:30. Drove to Girishk & got petrol, then to Laskar Gah⁴¹ over a tricky route. Glad I didn’t try it at night. Found ICA House, shower shave & coffee. None of my grasses at all! Talked to Palmer & Lockwood (Exec. Officer), Logan (Duty Officer that day & agriculturalist) & some others Brigham, Wyo. contract Warmus & Garabad, Italian Staff House Mgr. Sunday, so not much doing. Worked up collection & took snooz. Drove around the project a little & got a couple of Bermudagrass & 1

⁴¹ Laskar Gah is also called “Little America” and was an experiment begun in the 1960’s in which an American style suburban village was constructed in Afghanistan to demonstrate to the Afghans the American way of life. It had single family dwellings with neatly cut front yards and sidewalks, schools, the whole thing. It was abandoned in the 1970’s when the Russians took over and after the Russians left, Afghans moved in, constructing walls around each house. All this can be found on the Internet. The American project may be just getting started in 1960 when JRH visited the site. For a Blog about Laskar Gah see: <http://blogs.reuters.com/david-rohde/2012/06/01/little-america-an-afghan-town-an-american-dream-and-the-folly-of-for-profit-war/>

JACK R. HARLAN EXPEDITIONS – EXP. # 2 – IRAN, USSR & ASIA – 1960, 61 Trans

Erianthus (I hope). None of my grasses in evidence. In eve. supposed to go to a circus, but it had left. Had a couple of drinks with Simonson & a couple with Lockwood & Palmer & to bed early. Dull day; not too hot.” [Laskar Gah]

July 18 Mon “Up at 5:30, but things start late at Lashkar Gah. They have a real morale problem. 8 American families & 2 bachelors. Raw, new settlement – something like Sacaton was in the old days. Nice and peaceful, but does not stir ambition. Went up to Merja in due time with Nolan ?. Not much of a station, lots of salt problems. Back by noon & left right after lunch. Uneventful trip, but car continued to eat gas. 140 km & just made it on a tank. Found D. ann. on the way. Nothing else. Had a beer, dinner & spent eve with Capt Joyce.” [Kandahar]

July 19 Tue “Took 30 km spin towards Pakistan – car in real trouble. 80 km used ¾ tank of gas. Came back & ran down the German mechanic Helmundth Swai (?). Sat for 3 hours and nothing really done. Lunch. Back to garage at 2:00 pm & finally ready to go at 4:00. Couldn’t do any collecting or shopping – too far out. Got back to ICA, packed paid bill, etc. Left at 5:00 pm. Drove to about 7:30 & camped. Sandwiches ½ box cookies, 3 beers. Slept like a log.” [1 hr outside of Kandahar]

July 20 Wed “Up at 4:30 & off at 5:00 Car eating petrol like crazy. Along in aft found that starter was frozen or something. Had to drive it in non stop. Waited nearly 1 hour for bus to push me. Stopped another time to test starter on hill. Had to coast to start. Made two hurried collections with motor running but could do little else. Got in about 6:30. Got room at old Hotel de Kabul, ate, drank a little scotch & to bed.” [Kabul]

July 21 Thr “Slept great. No flies here & much cooler than new hotel. Went to Afghan Tours, got letter, then to police. They said Ministry of Foreign Affairs since I have a special. There they card; they need a letter from U. S. Embassy. Went to Ministry of Interior & got a letter for Bamian (1 hour). Then to U. S. Embassy & got a letter (15 min.). Then to garage. Then to Ministry of Foreign affairs & got exit visa. Then to bank & got money. Then to garage because I had told mechanic wrong place for car. Then past U. S. Embassy for drink of water. Then hotel & food. Walked it all but got it done despite the irritations. It’s quicker than Washington. It took nearly 2 hours to do what I couldn’t do in 5 days the first time in Kabul. Picked up car in aft. Acts the same as

before & he did not service it. Saw Lewis Duprés briefly. I'll call him Sunday when I get in. To bed early. Worked on collections." **[Kabul]**

July 22 Fri "Up at 4:30, loaded car myself, everyone else asleep except the noisy bastard who sleeps next to me. I broke lamp shade getting plug out & he made such a fuss I took back half the money I had left for it. Then he wanted *bakshesh*⁴², so I told him to go to hell & left. Started off nice, leisurely drive but wound up hectic as usual. Made collections, stopped for tea, picked up hitchhikers but petrol shortage began to be critical. The car eats it up at a tremendous rate & the mechanic didn't do a thing for it. 237 km from Kabul to Bamjan (**Google: Bamyan or Bamiyan, 175 km west of Kabul (there is a longer route that may be the 237 km route)**) & I used 105 liters of petrol! Just barely made it & no collections the last part of trip because afraid to stop. Nice hotel, but cold *jujey* [juex?] water & no food. Ate sardines, cheese & beer & to bed." **[Bamyan]**

July 23 Sat "Slept clear through till 6:00. What a beautiful valley! Took pictures with mist rising off the fields. Hope they turn out. Sun wrong to photograph statues close up, so drove up to pass. Car behaving even worse. I might not get back to Kabul. Got some Iris & what looks like a cultivated oat. The first I've seen. Returned & took pictures of the statues. Camera seems to be gummed up with all the dust and dirt. Tinkered with car but did no good. First cylinder isn't firing. Went to town in eve and walked to bazaar. Not much there. Came back & put in new paints [?] but still no go. In evening there was wrestling and dancing on the green with both Uzbek & Afghan music. Got meal out of hotel since a lot of tourists arrived. Hope to get off early." (NOTE IN MARGIN:) "This eve one to remember. The setting sun was really something." **[Bamyan]**

July 24 Sun "Up by 4:30 & off by 5:00 – very cold & finally stopped, got out suitcase & unpacked Jacket. Managed to get some corn on way back & picked up a man & boy. Had plenty of petrol this time since I was told of the second pump on way back. Still very bad mileage. Got to Kabul about 2:00 & settled in ICA house. Took car to garage – left it. Called Louis Duprés. We had luncheon date for tomorrow. ICA has a bar & every other Sunday free drinks from 6:00 to 8:00 or thereabouts. I had several but to bed early, dog tired." **[Kabul]**

⁴² Bakshesh: Persian for tip or charitable giving.

JACK R. HARLAN EXPEDITIONS – EXP. # 2 – IRAN, USSR & ASIA – 1960, 61 Trans

July 25 Mon “Worked up collection. Walked to ICA office & sat for 1 ½ hours before anyone showed up – staff meeting. Then borrowed transport & went to Mr. Anelly’s office & got my seed & back to staff house. Waited 1 hour for Louis. He never showed. Wasn’t wasting time. I was drinking beer. After lunch went to garage. They said ‘almost finished’, but at 6:00 pm they had just found the trouble. Diaphragm in fuel pump has tear in it. & the first cylinder has been flooding. I have all sorts of parts except this, so he is going to try to convert a Chevrolet diaphragm in the morning. Very frustrating day. Tried to call Lewis both at shop & at ICA Staff House & phone out of order, both places. Had a few before dinner & visited with an Idaho cowpoke until 10:00” [Kabul]

July 26 Tues Breakfast at 6:00. Packed, got ride to garage at 8:00. Of course, just starting work so walked uptown & bought 4 records of Afghan music. Not what I wanted but the best of that available – also 1 pr of pixie shoes. Caught ride with Elliot back to garage at 10:00. All done. But a frustrating 45 minutes to get my bill. Drove by Embassy to get mail the last time. Only 1 letter. At ICA house called Louis & made date for lunch packed all into car; drove out towards Poghhammon & got the Bish. Back for a couple of beers with Louis & lunch on me. Bill paid by personal check and fled. Car really seemed to work for the first time in Afghanistan – good mileage. The fuel pump must have been going bad for a long time. Pumped tire up on way & made a few collections. Arrived Jalalabad nearly 7:00 PM & put up for the night at ICA.” [Jalalabad]

July 27 Wed “Up at 4:15, breakfast, sorted out papers for crossing border. Waited until 8:30 for Mr. Safid & then they told me he was out of town, so left without the pornayranites. Did find D. ann in garden, Med type. Drive to pass uneventful. Customs very simple and efficient. Nobody looked at anything. **(they are passing from Afghanistan to Pakistan at Torkham, 5 km west of the Khyber pass)**. Cornet breezed through both sides & no one questioned Braidwood’s name at all. Pass interesting because of old forts, etc. but not much of a pass. **Peshawar** still quite a military layout. Very sticky. Came in about 1:00 pm tired & hungry. Shot of scotch, a beer & lunch then a nap, bathed in sweat. At 5:00 they brought tea, which proved to be very refreshing. Peddlers knocking on door & hotel boy in the black market made it a bit difficult here. And things are expensive.” [Peshawar]

SEE IMAGES: [Pehaswar Market](#)

Pakistan July 27-Sept. 8, 1960 (44 days): ([Return](#))

July 28 Thur “Tea at 6:00, then breakfast at 7:30.” Went to US consul to see about clearances checked with security on way & they said I need not register since I had a special passport. Vice consul & consul both very cordial, said they had received word. Got a map for RS 2 and they made an appointment for me to see John Wilson, the hybrid corn man in ICA. Wilson called commissioner of Tribal Affairs & all is up in air over reorganization & even the commissioner doesn’t know how I got permission to enter tribal territories. Wilson took me to bank, but it took so long that I told him to go on. The rest of morning spent getting \$300 changed to Rupees at 4.70 less a little commission. You can get 7.00 on black market. Went shopping a little in aft. Located camel saddle for Liz. Bought a little cloth – everything pretty high here. Had car washed, gassed, air in low tire, etc. Sat on lawn in eve. Pretty hot. No Les.” **[Peshawar]**

July 29 Fri. “Tea at 6:00, breakfast at 7:00 & to Wilson’s at 7:30. Went to Tarban expt. Station and found D. ann growing all over. Could be escaped from old ground plots but I doubt it. Looks like Jalalabad & Girishk material. Took spin to Kahot pass & saw a new (?) type of D. ann. Looks like we have finally found the range. Maybe not have to go south much after all – perhaps to Bannu only & may not need to go into tribal areas. Nap in sweat in aft. Tea at 5:00 as usual. Worked on expense account. Got camel saddle ordered.” **[Peshawar]**

July 30 Sat. “Out to [Islamia College](#) (Peshawar, Pak.) & met with Hussan Din. On way found some wild safflower & picked up a couple of boys with the giggles. Mr. Din very sick – will call again when I can see his Herbarium. On return found Les locked out & waiting. He had pretty good collection from villages in Swat off the roads entirely. He had walked it out. May be something useful there or different anymore. Got seed to consulate in morning for pouch shipment. In aft. Went over Liz’s stuff & packed.” **[Peshawar]**

July 31 Sun. “Took a lot of Les’ stuff somewhere for storage, also shipped seeds. Packed jeep & paid bill – got off by 8:00. Drove to **Kohat (Google: 67 km South)**, collected D. ann, Pan etc. on way. Somewhere between Kohat & Hangar ran into B. int. Had lunch at the village of Usterzai Payan at invitation of Village Aid man. Nice but it took two hours. So on directly to **Thal (Google: 260 km to the south and west, in the desert near the**

Afghanistan border.) to see about clearance. Rained like crazy with tremendous wind. Found rest house, went to police station to call political agent at Porachiva. After some delay got a ‘No’ for an answer. Got some seeds in bazaar – very late dinner because no electricity at rest house. Surprised by ‘police?’ type, who said to see the army colonel in morning about clearances. – Went through arms factory at Derra in morning. Any makes, model, year or serial number you want copied.” [**Thal, Pakistan**]

Aug 1⁴³ Mon “Slept late – 6:30 – the rain had cooled the air & very pleasant for a change. Went to see the colonel – got to the Adjutant Major’s office. He called & called finally got Peshawar & wrong commissioner. Tried again. At long last were told we had to apply in person. So left & drove back collecting. The *Bothriochloa* are abundant and Dan, Bish & Bint all growing together but very, very green & very little seed. Solid turfs of the stuff & it looks good. Came to Lalazor Hotel this time – crummy but cheaper. Food turned out to be good & spent eve visiting with a nurseryman from Auckland N. 200 who is vacationing. He likes south India (Madras) much better than New Delhi.” [?]

Aug 2 Tues. “Out to Islamia College to invite Prof. Hassan Dir to go with me to **Parachinar**⁴⁴. He couldn’t say if he would or not, but doubtful. Then to corn commissioner’s office where they told me that permits to Parachinar must be approved by central govt. in Karachi & this might take a week or month. Finally left a request for permission to go to Parachinar on Sept 1 and to enter Chitral from Gilit agency Aug 24. When Les went to apply for same thing they told him since he had been refused for Chitral once he probably would again & better add him to my request. I did so but wonder if this will jeopardize my chances? So packed & checked out after lunch & tooled over to Rawalpindi Oleroi Flashman’s. Some like Deanis or even moreso. Uneventful trip. Car keeps racing but can’t seem to adjust – must go to garage.”

Aug. 3⁴⁵ Wed “Went to **Transport Office Ministry of Kashmir** affairs & dismissed Les to take car to garage. This was wrong place, but near Gordon College⁴⁶ – so, called there. They had gotten my letter, but no mail. They will hold. The Principal gave me a note to take

⁴³ Benin (Dahomey) gains independence from France; Islamabad declared as the federal capital of the Government of Pakistan.

⁴⁴ Parachinar is in a remote tribal area near the mountainous Afghanistan border and the officials were hesitant to let Jack go up there. What is he after, anyway?

⁴⁵ Niger gains independence from France

⁴⁶ Google: There is a Gordon College in Rawalpindi, which seems a reasonable place for them to be.

to the Ministry & I took a tanga⁴⁷ – long ride – about 2 miles. The man I took the note to immediately turned me over to a Mr. Hyderi who issued a pass on the spot for Gilgit but said he could not guarantee that we could get to Chitral since there were restricted areas on the way. The political agent – he said – could do it. Sounds like Parahinar all over again, but we shall see. Took tanga back to hotel. Killed aft reading an Aldus Huxley novel. Les had brought the car not finished but runs well.” **[Rawalpindi]**

Aug 4 Thu “My wedding day but not much chance to write. Car finally done & we packed but it was 11:00 by then & we would pay for lunch anyway, so waited. I had tried to call John Wilson to urge him to help on Ehitral but they said he was out of town. Ate at noon. Paid off the vultures & took off. Always relieved to get out of a place like that. Collecting turned out to be good. Bish apparently this far down & was present in 1st collection or so, then Bint, Bent & Dan. All abundant except Bent & looks like introgressing like crazy – got a fair number of collections & stopped at rest house at Gujrat. Couldn’t find the man to ask permission, but we stopped, ate & slept & it rained hard during the night.” **[Peshawar]**

Aug. 5⁴⁸ Fri “Rain had cooled it off for a while. Drove on in sprinkle & got about 3 collections soggy wet. Arrived in **Lahore** about 11:30 & spent an hour locating a place. WMCA looked pretty grimy so we went to Lahore Hotel. Also fairly grimy but we shall see. The food at restaurant not good. Called Col. Hush-Wach il Mulk, Peshawar No. 3001 at U. S. Consulate & asked him to help on Chitral⁴⁹. He said he would do all he could. This would be considerable if he does, because his uncle rules Chitral. After lunch found Auto Association, but it was closed, so went to museum where Kim’s brass cannon – old zamzamah – is but it is closed on Fridays, so tried the museum, but it was closed, too [Friday, remember? HVH2]. Took a chance & looked up Sultan Ahmad. He was there & spent pleasant aft. looking at grasses in herbarium. He gave me a copy of ‘Grasses of W. Pakistan’. Very nice. Must send him some literature. He will hold mail until I go through again in Sept. Back at hotel, bought 4 mangoes, showered & went out to dinner at Heco’s restaurant – a real meal for a change & nicely cooked, but 2 dishes

⁴⁷ A brightly colored horse-drawn carriage with two wheels.

⁴⁸ Burkina Faso (formerly Upper Volta) declares independence from France

⁴⁹ Chitral is a mountainous region in the NW corder, way up in the mountains. To access it from Thal, you need to backtrack through Pesawar.

each either of which would have alone. With tips & all came to Rs 7 or \$3.70 for the two of us. Should do this more often. Then to BB movie but not much good.” [Lahore].

Aug 6 Sat “Went to West Pakistan Auto Assoc. about Cornet. Finally decided that due to red tape & restrictions in Pakistan that the best thing would be to revalidate present one. So, sent wire to ADAC Munich to this effect. Hope it works. Les wanted a bill fold & we shopped all over for it – finally windered up by me bringing a suitcase to relieve some pressure. Also went to Lahore Museum took siesta during hottest part of day & went to **Shalimar Gardens**⁵⁰ in eve. They would have been very impressive if the water & fountains had been running, but they weren’t & one terrace was closed, altogether for repairs. Still, some beautiful trees. Then to [Mayo Gardens](#) which turned out to be British Colonial residences, now occupied by rich Pakistanis. The British really had it soft in their heyday. Dinner at fancier place than Hico’s – very good indeed & fairly expensive. Checked out.” [Lahore].

Trying to get to Kashmir, Pakistan side Aug 7-15 (8 days)

Aug. 7⁵¹ Sun “Packed at 6:00 & took off. Drove to **Sargodha** (Pakistan) (A) without seeing my grass at all so had lunch in a native restaurant and drove north.. At about 80 km started up onto steep rocky ridge & found Songodha type of B. int also Dan. Top of ridge proved to be a plateau and made several collections of what appears to be Brot X Bish introgressions. Dan always present but usually blooming late. Is this a source of sexuality? Is it an intermediary in the introgression? Watch for this. Came on in to R. Pindi late & tired & shopped for hotel. Finally would up at Metropole near RR Station. Probably THE hotel 30 years ago. Pindi seems to be very short on water, hotels & etc. It will be a poor capital for a long time.” [Rawalpindi]

Aug 8 Mon “Out to Gordan College first for mail. Two notes, one from Col. Khushwaqt il Mulk, regretting no Chital permit yet. The other from Office of Commissioners stating Ministry of State & Frontier Regions should be contacted. Waited for Mr. Daskerwise,

⁵⁰ These (Shalimar Gardens) are two masterpieces from the time of the brilliant Mughal civilization, which reached its height during the reign of the Emperor Shah Jahan (1628-1658). The fort contains marble palaces and mosques decorated with mosaics and gilt. The elegance of these splendid gardens, built near the city of Lahore on three terraces with lodges, waterfalls and large ornamental ponds, is unequalled. <http://whc.unesco.org/en/list/171>.

⁵¹ Ivory Coast (Côte d'Ivoire) gains independence from France

the principal. He knew the acting minister, called him on phone, arranged an appointment. So, we went to see His Excellency a Mr. Atallah Jan Khan. A very pleasant person who discussed the Urdu language over coffee while the permit was prepared. All looks very good except that in no letter is Mr. Pichard mentioned and the permit states I should contact the commissar & Resident in Frontier Regions before making the journey. Went to Lloyd's Bank & got \$300 changed into Rupees very quickly & efficiently. Then back to hotel, pack, lunch and check out. Drove very slowly to **Murree [to the north of Rawlpindi]**, collecting Bish, Bent & Dan as we went. Dan continued for most of the way & finally turned into something resembling S A hexaploids. Both Dan & Birt seemed to drop out about 5,000 ft & only Bish remained which is very, very green. Looked at 'cheep' hotel which was very cheep but expensive in price. Would up at Oberoi Cecils which had singles with both at 25 Rs each incl food. Far better than the "cheap" hotel. Must be a magnificent view when & if the clouds clear. Got permit to buy beer at the bar, had hot bath, wore jacket to dinner & it felt good & actually slept under a blanket for the first time since Kermanashan ? . Rained hard during night." [Murree]

Aug 9 Tue "Tea at seven, breakfast, then called the Commissioner's office in Peshwar. He said: 1. Political Agent in Chitral will explain about photography and 2. No objection to Les Pickard. Looks like everything changed (more or less) it is now mostly up to the roads, the jeep and the monsoon. Wrote Jean anniversary letter & a poor one to Harry & one to Mehra. Walked up town to Post letters & got a haircut. Very resort, indeed. Lunch, snooze & processed collections, a bath, a beer, dinner. Les wore his kilts & looks very good in them. Wrote Jan de Wet to send reprints to Bot gardens in Boku & Tashkent & to Hason Ding, Sulton Almond & Dr. Nosir (Gordon College). Restful day. Should collect tomorrow. More rain." [Murree]

Aug 10 Wed After breakfast took road to Mugafaraabad. Soon found the camera jammed. The day clearing & partly cloudy, magnificent views of steep terraced hills & scraps of forest but no color change. Took a few black & whites of the kind of country in which Bish x Bent as introgressing. Bish seemed to drop out at 5,000 ft on north side & Dan took over – not much Bint anywhere but a little in overlap zones. Got to Kahalan 25 miles out & found we could not go father without permit – so got a few seeds in town & drove back

to **Murree**. Got petrol & a puncture fixed & took road to Abotabad (**Google: Abbottabad the North of Pakistan near the Kashmir border**) at 3:15 pm. At 5:00 pm reached barriers too late to enter & turned back. Another 50 miles all scenery no collections to be made on this trip, car making bad noises & must go to garage. Back to hotel in time for the hot water, bath, change & sat on terrace smoking a cigar & sipping a beer while Les went to a dance. It finally cleared & the view tremendous & the stars amazingly brilliant. A good day except for car trouble ahead.” [Murree]

Aug 11⁵² Thu “Les got up early & took car to Pindi for overhaul (70 km, more than 2 hrs drive). I loafed, worked up collections, went to town & posted letter to de Wet, bought paper, soap, comb, matches, had coffee at Sam’s – real silex-made American coffee⁵³. Bought paperback on Philisophers of Science. Spent most of day reading & enjoying the view. A nice clear day. Unjammed camera & believe roll had just started wrong, but lost the rest of roll because I wound it back into cartridge. Shutter seems to stick, too. Les got back 7:30 feling car in good shape for trip. Noise was due to greaseless gear box in front drive which means it must leak pretty fast. Lovely night again – brilliant stars.”

[Murree]

Aug 12 Fri “Clouded up and rained in night. Up at 6:00 & early tea. Went in to Pindi to see Nasir. He was in Lahore. Spent a couple hours in the herbarium. They have about the same as Lahore. Said ‘thank you’ to Deskawie, stopped at experiment station on way back. Nothing there but said Director of Agric. At Lahore had made a collection of guor – must see him on way out – Dr. A. M. Schakl and a Fazul Rahim is joint director office in old jail building, Lahore. Back at Murree for lunch, packed & did wash in aft. Read more philosophy. Ready to go. [Murree]

Aug. 13⁵⁴ Sat “Got off to late start mostly because Les had made no preparation – about 10:30 pouring rain – very inauspicious. Road was not too bad, but holed up at barrier from 12:45 until 4:00. Hiked through hills & old army camp raining & misty – not too much to see except large troops of monkeys walking through the woods. Barrier opened & went went on to **Abbotabad (C)**, **Mansahra (D)** and finally **Balkot (E)**. Filled tank & plastic can at Mansahra & bought more brake fluid as we are in trouble with brake - the

⁵² Chad declares Independence from France

⁵³ Silex is a commercial coffee brewing device from America

⁵⁴ Central African Republic & Chad proclaim independence from France

cap to master cylinder is cracked. At Balahot the rest house was jammed & we were put up in the dining room. Tried to get brake cap fixed – no go – so tried liquid solder & padded the top so that the plate would push down on it. Rained more in night.” (WHY ARE THEY EVEN THERE IN THE MONSOON? HVH2 [**Balkot**])

Aug 14 Sun “Up at 5:00 – put in mended (?) brake cap & made the barrier at 6:15. Road pretty good. Convoys going both ways – are to meet at **Mahandri (F)** & cross at 9:30. Then we must pass Naran by noon which is starting point for down convoys. About 25 jeeps lined up at Mahandri barrier, but many of them going only to Kagan, etc. Made all barriers on time, but not much clearance to collect until **Naran (G)** & the pressure was off. Climbed slowly to **Babusar Pass (H)** Top 13,690 ft elev. Beautiful view & lovely mountains, but cloudy & misty. Motor heating quite a bit & low power. Lots of low gear & some compounds & eating up the petrol. Camped on the top. Les has nice double fly French tent. Slept well despite rain & high wind.” [**Babusar Pass**]

Kashmir – Pakistan Side (Aug. 15 – 23: 8 days)

Aug 15 Mon “Too misty for good pictures & camera wouldn’t work anyway – gummed up and cold. Packed & started down. Brakes losing a little fluid but still working at **Babusar**. Called on Assist Political agent. He gave us breakfast & was very nice, although ill & should have been in bed. Down long stretch to Indus, then up Indus to **Thelichi**⁵⁵ Very slow road, but days & tail wind, lots of low gear & compound so little motor in trouble all the way. The road no hair curler but & steep and narrow & in some places clinging to cliffs over the Indus. Took a lot of pictures but little confidence in camera. Long tough day and only 60 miles or so. Wound up in sandstorm & high wind & sprinkle. Rest house was welcome, but they have no food.” [**Thelichi, Kashmir**]

Aug 16 Tue “Bad night – very hot & midges kept me awake. Moved out on porch where it was cooler, but just as many midges. Shaved, tried a picture of Nanga Parbat⁵⁶, but very cloudy on peak. Got off about 8:00 AM. The road, good, motor cool & in fine fettle.

⁵⁵ Thelichi Gah, Kashmir.

⁵⁶ **Nanga Parbat** (literally, *Naked Mountain* in [Sanskrit](#)), [Urdu](#): نانگا پربت [[nəŋga: pərbət̪](#)] is the [ninth highest mountain](#) in the world and the western anchor of the [Himalayas](#). The Kashmiri name Nanga Parbat is derived from the Sanskrit words *nagna parvata*, meaning “naked mountain.” The Local name for the peak is *Diamir* and means “king of the mountains”. http://en.wikipedia.org/wiki/Nanga_Parbat

Got in to **Gilgit**⁵⁷ (I) by 11:00 AM. Called on Political Agent – not in, but his son & assistant looked at the permits & sent us on to rest house. Met the **Raja of Gupis** in PA's office. The Assist. Engineer came to rest house to welcome us & invited us to tea. Accommodations very good but actually reserved for bigwigs coming in from Skardu. Tea was very fine & filling – all sorts of very good food & little tea. Met a Lt.Colonel⁵⁸ & some others. They were talking about a Sputnik they could see those days, so I watched for it too. Very impressive.” [Gilgit]

Aug 17 Wed “Called on assist. PA Mohamad Beg. He said all is alright & no objection & to stop by for a letter to take along. Called on Agricultural officer & made tentative plans for collections. Back to rest house & wrote Liz, Mommer & Jean while Les to see the Major. Brake cylinder cap fixed (we hope) & 15 gal of petrol purchased at \$2.00 per gal⁵⁹. At 2:00 pm the Agr. Officer & a village Sid man came & we set off in their jeep. To collect. Visited a youth club & got a few seeds & ate fruit & drank tea, etc. Then to a farmer's house, ate fruit & got a few seeds, then to another farmer's house - same deal - back to youth club for practically High tea, fruit & etc. while the boys played Scottish tunes on pipes & drubs. Pretty rough on the stomach. Back to rest house, then through the bazaar to a soccer game between the Northern Scouts & Huma. Band uniforms remarkable combination of Scottish plaid, local pancake hats, spats, etc. Pipes & drums, brass & reed, impressive closing ceremony – game not much – but oh that army!” [NOTE THE BRITISH INFLUENCE IS STILL VERY MUCH THERE – THEY TAUGHT THESE PEOPLE HOW TO BE CIVILIZED. HVH2] [Gilgit]

Aug 18 Thu “At 8:00 Les went to see P. A. (assist.) I went through the bazaar & got batteries for flash. Post was closed until 9:00, so went back & started letter but Agr. Officer came & we talked until Les came back, then the Village Aid man, Mr. Rabar Hassan & we took off for **Normal**, a village 17 miles up Hamza Rive. Hassan is a Hurrar & a great talker & story teller. At Normal much fruit especially grapes, tea, lunch, more fruit & tea at another man's house. Pretty hard on the stomach. Villagers brought in seeds & we got a fair collections. Hunjar River rising & a bad flood expected – glacial above has blocked the river & lake is cutting its way out. Got back safely but many people out to watch.

⁵⁷ Gilgit-Baltistan

⁵⁸ The name 'H. Colonal Mirwally, Dawas, Gilgit & Agency' written on side margin.

⁵⁹ The typical price in the US in those days about no more than \$0.25 a gallon. HVH2

Worked up collection in eve – finished letter to Sue. Looked at books Hassan brought about Nanga Parbat – he was a German expedition of 1953. Also told us about Husiza & the Palmirs & travel in & out of communist areas. He presented us with wool socks made by Hamza.” [Gilgit]

Aug 19 Fri “Leisurely packing, finished working up collections & off by 9:00. We had failed to see **Raja of Gupis** in eve. for letter & now learned he had left for Gupis at 4:00 am. Rabai Hassan came & we gave him a flashlight for a present. Road had one bad spot which stuck us 4 times but we finally made it. Hot & motor overheating. Called on the Raja of Panial, but he was still in Gilgit. Got some seeds anyway & had tea at the Raja’s house. Went on to Damas & called on Lt. Colonel Mir Wally but we knew he was in Pindi. A doll of a daughter, aged about 12, acted as hostess & did beautifully. More tea (with fried eggs) **then back to rest house 3 miles down river**. Supper on cheese & new wine made at Gilgit – pretty bad, but we’ll drink it. Maybe Gupis has better.” [Gilgit]

Aug 20⁶⁰ Sat “Only fair night – lots of bites & itching – don’t quite know from what. Up at 6:00 to catch up on notes, clean camera, etc. Off with biscuits & cheese for breakfast & worked our way to **Gupis** collecting lots of wild almond – ajeats ? on way. Picked up village aid man half way & took him on to Gupis. The Raja’s son made us welcome & then the Raja showed. Had mulberry juice, then tea, then lunch & lazy aft⁶¹. The Raja beat both Les and me roundly at chess, but he had to work at it a little to beat me. Then seeds were brought – not many. A young gov’t doctor & his wife took us around Gupis & had us to their house for coffee. Then about 8:30 & pitch dark and back to Raja’s for dinner. Pleasant evening & to bed at 10:00 in guest room.” [Gupis, at the Raja’s house]

Aug 21 Sun “Breakfast at 6:30 & I processed collections while Les took the spare tire off the side. **(I MAY HAVE SLIDES ON THIS RUN, HVH2)** Two inches makes a big difference on these roads. Finally finished about 9:30. Had coffee. I left the rest of the cigars with the Raja. He likes them! The Raja sent a man with us & telephoned ahead to make arrangements. Made pretty good collections on way to **Teru**. Left Gupis 10:00 Arr. **Teru** 5:30 with no stop for lunch – about right. The usual Dark Bungalow. Picked up some wild prunes & other items of interest on way. Bish is greener & greener & last

⁶⁰ Senegal breaks from Mali federation, declaring independence

⁶¹ Jack Harlan told me that during this afternoon, they were sitting in the shade and whenever the shade moved so that they were in the sun, a servant came and moved their chairs and the table, so they stayed in the shade.

collection may have no seed. Got the Amaranth finally – but corn near the limit of corn unlikely – they’ve eaten it all!” [Teru, Kashmir]

They set out across the mountains toward Pakistan, but the jeep overturns.

Pakistan (August 22 - September 8, 1960:17 days)

Aug 22 Mon “Breakfast of omelet & tea – sorted out things to take horseback & packed rest for Les to take back. Leisurely drive to **Shandur Top (Pass)**⁶² with few collections to be made⁶³. Some high, wet meadows with fine butter-ball fat cattle – big horns like Highlanders – also some nice horses. At the top about 10:30 but drove the jeep down the mule track a bit too far. In trying to get out Les flipped it on its side. We unloaded it while man was sent to the village for help. Six men plus two with horses and three of us turned it up & eased it down to lake shore where we reloaded it. Baksheesh was only Rs 8 for the whole job. I loaded my stuff on the horse & sent back the second horse the Raja had ordered for me. Finally got away about 2:00 PM. Les is chastened boy & I think it did him good. Doubt if it hurt jeep much but wheel bearings act loose. We parted & I rode about 12 miles to Harchin⁶⁴. (On side: Bish showed at first signs of cultivation, perhaps 10,500 ft.) The Dark Bungalow had been abandoned, so ate tin of Kippers some cheese & biscuits & slept on the porch. Very tired, but in some ways a good day. The jeep could have been flipped in the Indus or somewhere else – it might yet.” [Harchin, Pakistan]

Aug 23 Tue “Up at 5:30, off by 6:00 with only tea. Rode about 8 miles? to **Mastuj**⁶⁵. The Dark Bungalow also in bad shape, so called on the residence of Col. Khushewaqt al Mulk &

⁶² **Shandur Top** (el. 12,200 feet (3,700 m)) located in District Ghizer, Gilgit-Baltistan [Pakistan](#). Shandur-Top in Shandur is often called the 'Roof of the World'. The top is flat, a plateau and can be crossed between late April and early November. The grade is very gradual, and the area is crossed by small streams of trout. Grazing in summer is plentiful. http://en.wikipedia.org/wiki/Shandur_Top

⁶³ I found this on the Internet while researching this part of Exp. #2: “At that time the flora of India and Western Himalayas was not well known. (Ralph Randles) Stewart, (prof. of Botany, Gordon College), embarked on collection trips, often going on his pushbike, and went as far as the capital of Kashmir and then crossed into Western Tibet on foot. He continued to collect plants every summer (1912–1959) without any financial support. In 1960, when Dr. Stewart retired at the age of 70, he gave his collection of over 50,000 plant specimens, now called the Stewart Collection, to Professor E. Nasir at [Gordon College \(Rawalpindi\)](#). The Stewart Collection has been deposited in the National Herbarium of the government of Pakistan at Islamabad, leaving a very rich heritage for the students of plant sciences” . http://en.wikipedia.org/wiki/Ralph_Randles_Stewart

⁶⁴ They have crossed from Kashmir into Pakistan.

⁶⁵ Pakistan, NW province

his son took me in – long silent wait, then horse & gear arrived, took bath, shaved, changed clothes, had tea & felt much better but not much food in last two days & collecting not good. Bermudagrass showed first a few miles above Mastuj & I took a sample on north facing slope of the Colonel's estate ca 8,000 ft? Also collected around the community. Strange household – everything odd including the perpetually falling apples. The boy showed me garden in eve & got a few more seeds. Finally about 8:30 something to eat. The usual rice & chicken but I was hungry. To bed outside where it was cold & wind blew & no mosquitoes. Saw satellite again.” [Mastuj, Pak]

Aug 24 Wed “Slept well but in night felt small bug & thought vaguely ‘This is a small bedbug, I’m almost sure of it’ & went to sleep. In morning it was evident that the bedroll had gotten a good charge of them – probably from the mattress. My clean shirt was so spotted with blood I put the dirty one back on. Got some more seeds from garden & got off about 8:00 AM Long, long ride to **Burni [Google: Booni, 33.6 miles, including a backtrack]**. The guide said 24 miles, the young Raja said 18; but it was long enough for me. Arrived about 3:30. Dark Bungalow locked & will sleep out again. Aired bedroll & hope I have found most of the bugs. Looks like no bath here & a long wait for food. Ride not eventful except for spectacular scenery. Glacier capped peak, tremendous canyons – little villages with shady lanes under huge walnut trees. Nothing much new to collect but tremendous mountains!” [Booni, Pakistan]

SEE IMAGES: [Mountains near Gilgit](#)

Aug 25 Thu “Slept well enough – after wind went down, mosquito came out but I had saved out the repellent & it seemed to work. Up at 5:30, tea & eggs and off at 6:00. Man phoned ahead to **Barenez [Google: Barenis]**, 22 miles down. At mid day we⁶⁶ stopped at **Rashum [Google can't find.]** at a tea house, rested, fed the horse, had tea & ate the chicken from the night before. It was an easy & pleasant day & we arrived at Barenis along in eve in fair shape. A quaint village hurried under chinar & walnut trees & transacted by a tremendous gorge. The Dark Bungalow again completely unfurnished despite our calling ahead. Had muddy running water in two ditches crossing the yard &

⁶⁶ I thought he was traveling alone by horseback, but check Aug 26 entry. He had the owner of the horse with him. HVH2

washed & shaved & felt some better. I collected in the dusk until too dark to see but didn't get much. A bed was brought & I used the replant again for a fair night's sleep. Mountains & canyons continue spectacular & the little villages look poor but attractive. Signs of outer world more abundant: stores, tea houses, inns, etc." [Barenis, Pak.]

Aug 26 Fri. "Up a little after 5:00. Tea & eggs & well on way by 6:00 – 29 miles to go. A long, long day & that last few hours especially tiring because of the heat & reflections off the river. Arrived at **Chitrāl (J)** & reached gov't guest house at 5:00 p, - 11 hours in the saddle is plenty for an old man⁶⁷. The owner of the horse is a Calaban. I paid him his hire Rs 37-8 plus a little more to make it Rs 45 – less then \$10. He turned around & started walking back: 200 miles for no more than 4c a mile clear, and he does it on bread & tea – I'm afraid I have no good pictures of him. My guide & mentor got Rs 15 which is more than they told me to pay but little enough – He'll walk 299 miles too. Dog tired, dirty & happy. A wonderful trip – wish my camera was working better. Rest house is new & comfortable but plumbing bad as usual. Chitrāl is a town – the biggest since Manselva. Nearly 9 pm before I got my rice & chicken & by then too tired & hungry to enjoy it. There is a gang of Cambridge students about studying something." Note on the side of the page: "Picked up nice youngster yesterday – walking to Chitrāl to go to high school; a medalist in primary school – Today ran into whole gang of them."⁶⁸ [Chitrāl, Pak.]

SEE IMAGES: [Views from Chitrāl, Pakistan](#)

Aug 27 Sat – "Could have slept late but out of the habit. Up at 6:00 to watch sunlight creep down over ruts. Good sleep. The day was supposed to be one of rest & relaxation to recover from the horse ride, but it proved otherwise. After breakfast, called on Assist. P. A., the P. A. being in Peshawar. He said he would try to arrange a jeep that would let me see Kaffiristan & take me to Dir. No bus or lorry goes to Dir. If I can't get a jeep I'll have to walk 26 miles over a pass with a pack on my back. This being settled I spent a leisurely morning collecting, crossed the river & climbed to a farm where I sat under a

⁶⁷ Harlan is 43 years old.

⁶⁸ They seem to be following the Kunar River downstream, on the east bank; but, since we cannot locate some of the villages named, we could be way off.

walnut tree & visited & watched the wonderful view. Decided to come back in aft. with my camera. Upon return to Rest House found a note that said no jeep available & I should give up trying to see Kaffiristan. Went back to Assit. P. A. & long discussion of various possibilities. Finally he located a jeep going out of town tonight & I located one (The Cambridge Group) going out tomorrow. So I had to get the laundry back from the washerman, pack, skip the pictures I wanted to take, etc. The jeep was wonderful to behold & after too many breakdowns to mention reached **Gahret [Google can't find]** at dusk. Since jeep had no lights either (& very little that did work) the owner, Sayed Chiragh Hussain Drosh Chitral State, & his 6 passengers were put up at the house of the owner's sister. Dinner at 10:00 pm & slept out Mosquitoes terrific when wind died."

[Gahret]

Aug 28 Sun "This gang didn't stir early despite all their talk of an early start. They got me off at 6:10 with a beaser. Hiked the 5 miles to **Berir (Google can't find)**. Lovely canyon, beautiful stream, corn fields, etc. Nice village of Kaffins. Paid some girls for posing & dancing so photographed costumes, etc. Also basksheech to handiman. Took pictures of village but no wooden idols & very little wood carvings. Disappointing. Wanted to buy the small drum, but he wanted Rs 100. Maybe I should have gotten it anyway. Hike back nice but feet very, very tender. At rest house tea, bath & shave & wait for the Cambridge party. Waited until 5:00 pm. Couldn't sleep because of watching the road. Finally got a ride in an old beat-up truck to Drosh. Collected a few seed and ran into Abdul Samael, Drosh, Chitrel State, W. Pak who had helped Cambridge group & I ordered a wooden figure from Kaffiristan & advanced Rs. 60. Late the Cambridge party arrived to dinner at the commandant's expense. They would have passed me up." **[Berir]**

Aug 29 Mon "Despite a lot of yak about an early start no one tried. A David Bent(ly) or Benton did all the work & the others just sat. Had breakfast at Samad's house with David finally pried the others away from the Officers' mess at 9:30. (Quite a mess!) So, I piled in the back and David drove over Lowori Pass. A nice job – had to back the landrover on over 20 curves & 1 curve 5 times. At edge of Dir at lunch (eggs Chapattis & tea) which took 1 ½ hours or more. Finally stopped by the check port going out of Dir at 10:00 pm. Went to the man's house to argue that we could go on, but he fed us & put us up at the

JACK R. HARLAN EXPEDITIONS – EXP. # 2 – IRAN, USSR & ASIA – 1960, 61 Trans

rest house in the fort & we didn't argue any. Sandflies of night before giving me fits – worst insect attack of the trip.” [near Dir, Pakistan]

SEE IMAGES: This may be the old Fort at Dir, Pakistan

Dir Bazaar

Aug 30 Tues “Still a lot of yak about early start but no real effort. Were at tea at 6:30 when we had asked for it at 6:00. A badly disorganized & demoralized lot. The Cambridge student expeditions can't amount to much if this is a sample. I should care less. I got a good ride all the way to **Peshawar** [Google 142 miles] & checked in to same room at Lalazar at 10:15 am. Where is Les? Les showed about 4:00 pm. & all working according to plan. Went out & bought some beer & Les packed up. The things left here early in the month. Very hot & sultry, but all seems to be going well. Good food at the Lalazar.” [Peshawar]

Aug 31 Wed “Layed out the seeds to process & worked down to the Bermudagrass that is to go airmail. Then to the commissioner's office for my permit for Parachinar. This was issued after much delay & could have been issued on the spot August 2nd but I suppose they must assert themselves to justify their jobs. Then to Hassan Din. No mail. Met a Dr. Weber of Colorado St. Univ. Physics, helping with microscopes, etc. Got Bermudagrass mailed & back to hotel by 11:00. Les took car to have it reviewed & I processed seeds until nearly 5:00 pm. What a job! We are now over 1,000 & there should be something new in it. Car came back looking beautiful & sounding very well. Went to city to try & buy a drum for Harry. They were all big ones & I don't know how to get them back so didn't buy. The place smelled terrible. Threw a few things together for trip to Parachinar & brought up notes. Took evening stroll on main street & bazaar – looks a lot nicer & more active at night.” [Peshawar]

Sep 1 Thurs “Tea a 6:00 & off by 8:00. Easy drive but had flat about 14 miles before Thol. Pumped a while then decided to change. Went on through to barrier. They didn't think much of my pass but after telephoning Parachinar let me go. The Bish, Bint & Dan are very interesting on this transect. Should get more collections than I have. Arrived **Parachinar** by 2:00. Called on P.A. who was resting (he had passed me while I was

pumping tire) from trip to Pesheawar. Some dissidents put me up in guest house where I made out August expense account & wrote Hyland. Then saw P. A. at 6:00. He requires another conference tomorrow at 9:00 – a politician took Chowkidar to bazaar to buy food for my dinner. The rice & chicken again. Lots of mosquitoes in night & finally put up bar.” [Parachinar]

Sept 2 Fri “Wrote letters until 9:00 then to P.A. & conf. with Agr. Officer & Forestry man. After tea & fiddle-faddle rode up the mt. for a while or so to a place they said was 8,000 ft. more likely 7,000 ft but Bish as green as could be, harvested so no point in going further. Back well before lunch. Wrote more letters. Harry, Sherry, Richie, Jean, Howard Hyland & expense account. Read Xanophon & napped. At 5:00 pm went with forester to see his plots – not much. Rice & chicken again” [Parachinar]

Sep 3 Sat “Off at 7:00. Paper work caught up & pretty well rested. Forester wanted a ride, so took him along, but he got tired at **Kohat** & got out. Made a few collections along way. Bish only at Parachinar. Binty Bish & Bint at edge of irrigation below – about 5 miles. Dan shows up at 9 miles down but looks rather Meditterrianian. By 15 miles the tropical Dan is in full force. Some good Bints pretty green for seed. Had late lunch at Dean’s; to museum with Bill Weiss & to **Kabul House**. They had not sent the camel saddle & will ship by car. Les has had dysentery & seems rather sick. Read in eve. Tried to find Jalum Wilson, but he is in Kaghham. Got haircut & took back the beer bottles. A busy day. – mailed leters & reg. one for Hyland.” [Parachinar? I think he is still there. HVH2]

Sep 4 Sun “Made date with Hassan Din & spent an hour. Hope he sends seeds – must write & prod him later. Punctured tire still flat & took to garage Packard & brought up notes. Finally got off about 11:00 with some ill feelings on both sides. They charged me while I was at Parachinar and I under-tipped the boys feeling pretty short of cash myself. Motor missing some & got worse as we climbed toward **Molakand**. Never actually got there. Motor went completely bad when almost to the top of pass. Turned round with difficulty & limped all the way back – over 150 miles up & back & all wasted motion. The car made it better than I – stomach upset & in desperate need of a rest stop but afraid to stop car because I was sure it wouldn’t start again, A bum day all around. Took a pill & a couple of scotches before dinner & felt much better. Tomorrow is a new day & we shall

see how that goes. Need a mechanic & to bank for money – Dean’s Hotel this time.”

[Parachinar]

Sep 5 Mon “No Go. Mahamet’s birthday – everything closed, even the cinemas. No bank, no garage & nothing to do. Read Philosophy slept & loafed. Saw Bill Weiss in eve & he said he would tinker with jeep.” **[Parachinar]**

Sep 6 Tue “Got Bill out of his room at 8:00 & he tinkered for an hour. Put in old plugs and set breakers with a tin can gauge. Very rough, but it ran. Went to bank and got \$150. Paid bill & took off about 10:30. Too concerned about transportation for collecting or stopping, so drove on to **Rawalpindi – Gordon College**⁶⁹. All locked up & I woke 4 people before I got my mail. They were all very nice about it. We tried to buy film, but all shut up & got only 2 rolls from one place. Got out about 3:00 pm & drove to **[Parachinar]** where we had stayed before (Aug 11) but no room. So, on to Gujanrooand & found PWD rest houses. 42 miles to Lahore.” **[Gujanrooand]**

Sep 7 Wed “Into **Lahore** in good time, found a garage (Mercedes Benz-Shanower Motors). While car was being worked on took taxi to old Jail to see Director of Agra about **guar collection**. (Note:- guar is a tree from which gum is made) Waited a long time while they went through files but they could not come up with anything. Told me to contact. Prof of Botany Masahib Vlelin Khan, Agricultural College, Lyallpur and Anwar Hussain, principal Arg. College Lyallpur about guar. Then took taxi to gov’t College & saw Sultan Ahmad – 1 letter & back to garage. When car drove to US Consulate. Unloaded seed & talked over entry of car into India. About 4:00 PM drove to border & found we need exit permit for car from Controller of Imports & Exports. So back to town & stop at Folletti’s.” **[Lahore]**

India Sept 8 - Dec. 11, 1960 (94 days): ([Return](#))

Sep 8 Thu “To Controller of Imports & Exports & applied for permit. While being prepared called at U. S. Consul to see about cholera shots. Tried local hospital but this quite hopeless. Returned to controller & got permit. Packed up, checked out & drove to border⁷⁰. Got through Pak border in time, then to Indian & very slowly through

⁶⁹ Gordon College founded 1893

⁷⁰ The border crossing that he crossed over is now called the Wagah Crossing and has become (2013) a world phenomena, where the two sides (India and Pakistan) have developed an almost unbelievable flag lowering and

formalities, until it came to jeep. Dead end & long discussion. Finally, Les took it back to Pakistan for storage & I took my luggage & went on in. Took taxi to Amritsar. At Grand Hotel man said banks were open until 5:00. Not true but I got service at a Quilindby's & National anyway \$200 to rupees at 4.71. Back to hotel in pedal rickshaw bought RR ticket and checked out (did he spend the night?). The ground car damaged & did not go so had hard berth – hot & dirty, but on to Delhi anyway.” **[train to Delhi]**

Sep 9 Fri “Arr. (**Delhi**⁷¹ **India Google Map Point A**) before 7:00 a.m. Took taxi to Imperial – very plush Oberoi⁷² & too expensive but will stay a while after breakfast (& bath & shave) to U. S. consul. Composed wire to Amer. Consul in Munich to get action out of German club. Saw Agricultural Attaché & arranged for the pouch - nice chap. Then to Auto Assoc of Upper India. He said there was a temporary import license & would validate current if he got word from Germany. Then to Registration Office & got residence permit. After lunch to Ministry of Defence & application for Kargil & Leh. He said I should hear by Tuesday. Then to Ministry of Commerce & Industry. Controller of imports & exports. They said there was no temporary import license. Back to hotel for rest. Les will have a hard time finding me, I'm afraid. Had run-in with fakir, but pretty mystifying at that.” **[Delhi]**

Sep 10 Sat. “A national holiday and nothing stirring. Auto Assoc. open & applied for driver's license & asked again about temporary import license – the man just didn't know; there isn't any such thing. Walks around Canoncght Circle (Google: Connaught Circle). Les arrived. Had lunch, called Doc. & departed for nursing home (LES IS ILL & WILL GO TO NURSING HOME FOR A DAY OR SO, HVH2) (Dr. Talmar's 1 1/5 B Pusa Rd. Tel 51995) Dull day & little done except to read ‘Agamemnon’ by Aeschylus & ‘Oedipus Rex’ by Sophocles. Tried to call Bill Myers – no reply.” **[Delhi]**

Sep 11 Sun “Even duller & more walks – reading Hypolytus (*Hippolytus*?) by Euripides. Used hotel reading room. Rained off & on. No ambition.” **[Delhi]**

gate closing ceremony, complete with fantastically elaborate uniforms and outlandish strutting around and goose-stepping on both sides. Thousands of people assemble to witness this nightly ritual and participate. The border crossing was established in 1959, but by July, 1960 it had not yet become much of a crossing.

⁷¹ Is he in Delhi or New Delhi? Delhi was the original 17th Century city and is still the name of the district. New Delhi was built 30 km to the south and in 1947, when British left it became the nation's capital city.

⁷² Oberoi Hotel Chain known to be luxurious. Today the New Deli Oberoi is rated as Five Star.

JACK R. HARLAN EXPEDITIONS – EXP. # 2 – IRAN, USSR & ASIA – 1960, 61 Trans

Sep 12 Mon “Went out to Indian Agric. Res. Inst.⁷³ (IARI)⁷⁴ Met Dr. Joshi⁷⁵. They sent word to Melira. Bob Renfro come over from Rockefeller office & picked me up. Met Ernie Spragale, Dr Humphries & of all people, Al Johnson. Had good visit & they are being extremely (LOST LAST LINE) to hotel for lunch & called Nursing Home. Les will be out tomorrow. Must make some decisions soon. Invitation to Al’s tonight. A very fine time as expected. Packed. [Delhi]

Sep 13 Tue “Up early and finished packing. Move to roof of Rockefeller building. (Rockefeller is not sponsoring him, but just giving him a little space to work and sleep – on the roof.) Dictated letters to MacDonald (Ag. Attaché, Karachi) Rouk, the people at Lyllpus & wrote Jan de Wet long hand. Turned film over to photographer. Called various & sundry about transport but looks like I’ll rent a Fiat. A jeep would have been available but was wrecked yesterday morning. Permit to Leh was denied & I don’t think there is much to be done about it. Went to Tourist Bureau (Gov’t of India) & got poop on

⁷³ Norman Borlaug: “It is a pleasure to once again visit India. As I stand before you, my memory flashes back to my first visit in India in 1960 as a member of a team of FAO and Rockefeller Foundation scientists who were studying the status of wheat research and production problems in North Africa, and the Middle and Near-East countries – from Morocco to India.

“It was from this survey, that a "hands-on" training program was established in Mexico in the, Mexican Government-Rockefeller Foundation Office of Special Studies, which is the predecessor organization to the International Maize and Wheat Improvement Center, (CIMMYT), and also where the idea was born to establish an international spring wheat yield nursery cooperatively with all of the nations in this region to build – and freely exchange – a stock of superior wheat germplasm with broad adaptation and resistance to diseases.” (Thus the IRAI as birthplace of Green Rev.)

⁷⁴ The **Indian Agricultural Research Institute (IARI)** is India's premier national Institute for agricultural research, education and extension. It has served the cause of science and society with distinction through first rate research, generation of appropriate technologies and development of human resources. In fact, the **Green Revolution was born in the fields of IARI** and its graduates constitute the core of the quality human resource in India's agricultural research and education. The Institute has all along been adjusting and improving its policies, plans and programmes to effectively respond to the needs and opportunities of the nation. During the fifties, the advancement of scientific disciplines constituted the core programme and provided the base for its fast expansion in the 1960s and 1970s in all its three interactive areas, namely, research, education and extension. Besides basic research, applied and commodity research gained great importance resulting in the development of several popular high yielding varieties of almost all major crops and their associated management technologies, which brought about an unprecedented increase in the national food and agricultural production.

⁷⁵ Dr. A. B. Joshi was the first IARI Alumnus and the first Indian Dean of Post-Graduate Studies, IARI (1960-66), after Dr. R. W. Cummings from the US, who, as first PG Dean, guided the early development of the Post-Graduate program. Dr. Joshi served as Director of IARI from 1965-1966 & 1972-1977.

Kashmir, etc. to Binda Hill Transport & finally to Nirula's⁷⁶ La Bohemia for a tremendous Chinese dinner. Les didn't get out, maybe tomorrow. Al had a 7 ft web bed made – big improvement. Sleeping on roof is fine but the small flies arrive at 6:00 AM.”

[Delhi]

Sep 14⁷⁷ Wed “Breakfast with the Johnson's, read in library. Went to Secretary for Kashmir Affairs to see about Leh, but not encouraged at all. Then to bank & changed \$500, back to Rockefeller's & dictated letter about Leh – signed & sent. Will probably do no good at all. For lunch back to Nirula's, then to Sinla Hill Transport & signed some papers & back to Foundation. Read & waited about 6:00 Al heard his car had an accident & took off. Didn't get back until 9:00 & family was until after 8:00 getting back. No one hurt but hours of yakety-yak. Meanwhile I worked on Al's whiskey but couldn't drink it all up. A very fine host. To sleep on the roof.” [Delhi]

Sep 15 Thu “High time we got the show on the road. Up & breakfast at Johnson's. Did a little laundry, sorted out things to take & things to store. Ready to see about car at 10:00 but they said papers not ready – went to Auto Assoc. Upper India & they had done nothing about the license, so back to Rockefellers to wait. To Nirula's for lunch, then to car rental place at 2:00 pm & waited until I got the car about 4:00 pm. By the time all was arranged & I got back out to Rockefeller's it was almost 5:00, so decided to spend the night. Took car in to Nirula's again for dinner. A good restaurant. The little Fiat seems to run O. K. Al is to leave early in morning so will get up & have breakfast with him.” [Delhi]

Sep 16 Fri “Up by 5:00 & off by 6:00 & finally worked our way out of town – one full week wasted entirely. Uneventful drive to **Pathankot (B, Google: 746 km (7 hr) to NW, back towards Lahore)**. Very few collections. Generator not working. Stayed at PWD rest house & who should turn up but Dr. & Mrs. Gardiner Bump. Had a visit over Scotch & he gave me pointers on finding a houseboat in Srinagar. Les pretty well pooped. Rice dinner about 8:15; the only food since breakfast & to bed.” [Pathankot]

Kashmir, Sept 17 – 25: 8 days

⁷⁶ Nirula's in 1960 was precursor to Nirula's Family Restaurant, first & largest fast food chain In India. Now (2014) all over New Delhi.

⁷⁷ Coup under Col Joseph-Desire Mobutu in Congo; Iraq, Iran, Kuwait, Saudi-Arabia & Venezuela form OPEC

Sep 17 Sat “The Cholaidar has no sense of time at all & by the time breakfast was over it is 8:00. Had to push car to start it. Generator needs fixing. Took a man from first toll barrier to Jammu, then up into hills. Terrible number of trucks had been backed up because of a slide & very slow driving. At **Kud (C, Google: Kud, Kangra, Himachal Pradesh, India)** had a beer & cookies & gave up collecting & just drove trying to get in before night. Didn’t quite make it & lights got dimmer & dimmer on the battery. Finally in considerable danger of being hit or hitting something, but made it at last (to Srinagar), parked car & loaded our stuff into gondola (Adi – its called a “Shikara” in Kashmir) & over to the houseboat Flic. Eggs & tea for supper. Nice boat & will loaf tomorrow.” **[Shikara, Kashmir]**

Sept 18 Sun “Slept late – breakfast about 8:00 am. Then took gondola for tour of canals, lake, the two Moghul Gardens & back. Some were a considerable disappointment. The floating gardens were very small & seemingly poorly tended, no water was running in the gardens – they say they run out of water by July. Still it was a nice excursion & the flowers in the gardens nice & one could imagine more or less what they might have been in the olden days. Had snooze after lunch & then a hike up town, but all closed because of Sunday & they close here at the least excuse anyway. Dinner at 8:00 & to bed. Catching up on sleep.” **[Shikara, Kashmir]**

Sept 19 Mon “Wanted to see the Director of Agriculture right away to lay plans but was assured no one came to office before 10:00 or later. This turned out to be true. Anyway, Les started to get the car worked on & I started for the Secretariat about 10:00. The Director had a hangover & would not come at all this day so talked to him on phone. He suggested Forestry Dept. So I found their offices and eventually the Chief Conservator. He sicked me on to his Research Director, Mr. A.N. Fotedar, DFO, Forest Research Divn., Srinagar Kashmir. We laid plans for Gulmarg, Lolab Valley, & Pahalgam. Then back to boat for lunch. Rested a little & finished a who dunit & at 3:00 went up town to shop. Never got beyond Govt. emporium – 2 shawls, 2 pair of earrings, 3 leather bags & 1 wooden box. Supper & bed.” **[Shikara, Kashmir]**

Sept 20⁷⁸ Tue “Fotedar supposed to come at 9:00 showed up at 9:30. We went up to garage & to electrical shop to spar on a rewinding job for the burned-out armature, Left Les to keep

⁷⁸ UN General Assembly admit 13 African countries & Cyprus (96 nations)

them at it, & Fotedar & I took a taxi to Tangmarg. From there we rented ponies and rode up to Gulmarg. Arrived at hotel at 12:30, too early for lunch so had a couple of beers, then lunch & then rode on up to about 10,000 ft elevation at Khillanmarg⁷⁹. Botanized awhile and made some collections. Nice scenery but much too hazy to be spectacular. Rode back getting to Tangmarg at about 6:30 & came back to the boat at around 7:30. Les still out with car. Hot shower & a beer & dinner in the midst of which Les arrived & said car would go. To bed & finished ‘Going to the Wars’ by John Verney.” [Tangmarg houseboat]

Sep 21 Wed “A bad night as it turned out. Mosquitoes & something like a fever & hay fever & saddle sores. An R. K. Mattoo, D.F.O. Drug Cultivation Division Srinagar is to be the guide today. He arrived at his office about 10:20 & fiddle faddle until we got off at noon. He was just learning to drive & was pretty wild but we got out to **Lolab Valley, (west of Sringar, H)** & back. Mattoo is quite a character. He said if he were a Muslim he would be prejudiced about the Kashmir problem. Lots of talk and entertaining, but not a big day for collecting. Got back at 8:00 pm, had dinner & then went to the Industrial Exhibition. Lots of Kashmiri crafts & small industries pattern & reference library on patterns. Did not buy. Back to boat by 10:00 pm.” [Tangmarg houseboat]

SEE IMAGES: Imge from Lolab Valley, Kashmir for other images Google “Lolab Velley, Kashmir”. This is one beautiful place.

SEE IMAGES: Map of Political Mess surrounding Kashmir as of 2013.

See Wikipedia on Srinagar, the “Capital City” of some of Kachmir. Jammu seems to be another capital city or sub-province. (Winter Capital?) <http://en.wikipedia.org/wiki/Srinagar>

In 1960, things were no less confusing. Jack Harlan went up in the mountains from the Pakistan side in August and again from the India side in September, suposidly looking for plants to collect. I suspect he was looking for more than plants. He had come this far and was this close and he could just decide

⁷⁹ **Khilanmarg, Jammu & Kashmir, India** is a smaller valley about a 6-km walk from the [Gulmarg](#) bus stop and car park. The meadow, carpeted with flowers in the spring, is the site for Gulmarg’s winter ski runs and offers a fine view of the surrounding peaks and over the Kashmir Valley. It’s a 600-metre ascent from Gulmarg to Khilanmarg and during the early spring, as the snow melts, it can be a very muddy hour’s climb up the hill. The effort is rewarded, if it’s clear, with a sweeping view of the great Himalayas from [Nanga Parbat](#) to the twin 7,100-metre peaks of Nun and Kun to the southeast. (Wikipedia)

to go up into the mountains. Now in his opening Proclamation for this expedition he mentions these areas as on his itinerary. So, it probably was his intention to get up into the mountains. (HVH2)

Note: The Northern Areas and the Northwest province seem to be under Pakistani control. Jammu & Kashmir are disputed between India and Pakistan and China claims Aksai Chin. Meantime, India claims all of Kashmir.

At any rate it looks like 1960 was a time of relative peace in Kashmir, however, with a simmering resentment against the major power on all sides claiming their beautiful mountains and valleys. (HVH2)

Sept 22⁸⁰ Thur “Slept till 9:00. No point in getting up early here. Packed and brought up notes. About 9:00 AM went up town, took some pictures, Tried to buy some, but they were pretty bad – got one only – bought 2 more purses for gifts & shopped about. Back to houseboat & brought luggage over to the car and packed it. Lunch promptly at 12:00, but Mattoo did not show until nearly two. After some discussion we finally drove off separately. They passed us & we passed them, finally met for tea at Pahalgam. He has another forest officer named Puri with him. Located him at Dak Bungalow – lots of talk and good company but damn little collecting. Mattoo kept talking about going home, but didn’t” [Pahalgam]

Sept 23 Fri “Up before 6:00 & actually had breakfast at 6:00 but when Mattoo didn’t show by 7:30 we went on & drove nearby to **Chandanwari (I)** where we were collecting, when they caught up with us. At Chandanwari ca. 9 miles above Pahalgam we left car & hiked – several miles & climbed a little over 1,500 ft to something over 11,000 ft elev. Collecting poor, but got a Bermudagrass at 9,570 ft & dwarf junipers & a pretty little cotoneaster (a flowering plant related to the rose). Actually a pretty tough hike for an old man but I was doing better at the end than the Indians. Got back to Chandanwari & had tea & on down to **Pahalgam** by 4:00 PM. Too late for lunch so had a couple of beers & an ice-water shower. The foresters left & want a letter of my impressions for the Chief Conservator. Will try to write one, also Mattoo left a book, must return it. Very dull place, early to bed.” [Pahalgam]

SEE IMAGES: View from Pahalgam, Kashmir

Sept 24 Sat “7:00 AM breakfast, paid bill & took off with some difficulty as car is extremely hard to start. Also generator is not working again. **(I THOUGHT LES GOT THIS CAR FIXED BUT JACK IS TAKING OFF INTO UNKNOWN TERRITORY WITH A CAR THAT IS HAVING PROBLEMS. CAN’T HE GET THE THING FIXED BEFORE HE GOES OFF? HVH2)** Drove on out to Jammu making a few collections. A fantastic number of trucks - hundreds of them. Many piled up by the

⁸⁰ Mali (formerly French Sudan) declares independence from France

landslip, which was slipping because of the rain. Others jammed roads at every tea house & restaurant. Very slow going & got to **Jammu (this is too far away! But if so, Point J)** at 4:30 & decided no point in trying for more. Found Dark Bungalow with some trouble, processed collections & got the Bermudagrass & book ready to mail, but forgot tomorrow is Sunday. Had a beer & a hike around bazaar & dinner at the Casino Hotel with band & etc. The dinner nothing special but might be spicy enough to relieve constipation.”[**Jammu**]

Back in India Sept 25 - Dec. 11 (77 days)

Sept 25 Sun “Slept until nearly 7:00. Apparently no bed bugs although the situation looked good for them – we had thrown out the mattresses which may have helped. Breakfast at Dark Bungalow. Car started ok down hill, but generator is grinding to pieces. Drove to **Pathankot** without incident or collections & then started working to **Dalhousie (K)**. Bpert only at lower elevations, then Birch & Dan come in. Very jungly country but hacked & butchered to scrub. Very twisty road & no collections the last 20 miles. Interesting town spread all over the hilltops. Lots of Tibetan refugees. Dinner at Aroma Restaurant & hiked about town.” [**Dalhousie, NW India**]

SEE IMAGES: Kala Top Road near Dalhousie, India

Sept 26 Mon “Cholsidor with no sense of time as usual. Our 7:00 breakfast appeared about 8:00. By time I mailed book to Mattoo and Bermudagrass to Washington by 9:00. Started down bridal path & hiked 5 miles with a few collections. Here met cornfields & took off down into canyon & up mountainside & back to PWD rest house. A very tough time for an old man. Got in a little after one, very hot & pooped. Had lunch & wet shirt started to freeze me, so took off immediately up town. Got a few vegetables & went to Tibetan workshops. Bought a mask and a stool. What I do now? The cornfields have cap., *Brint & Binty Pert* or *Perty Bint*, I think – should be studied carefully but all very green. Another hike in eve. looking for a restaurant – wound up at Aroma again, but not very good.” [**Dalhousie, NW India**]

Sept 27 Tue “Usual lack of understanding of time. The 7:00 breakfast at 8:00. Got off shortly after 8:30 & passed the barriers down to **Pathankot**. Gassed up & started up Kangra Valley. Very jungly, only a few collections. *Bint* looks like it has Brent in it? At **Palampur (L)** cleanout the town for seed. Lots of vegetables but probably imported. Rest houses full so went on down to **Bajjnath (M)** [**Google: Dalhousie to Bajjnath 100 miles**] & an excellent one. Very nice & good service. Hot tea immediately. Hot water for bath. Good dinner promptly at 8:00.” [**Bajjnath, India**]

SEE IMAGES: Image from Kangra Valley, India.

Sep 28 Wed “And what’s more the 7:00 breakfast arrive at 6:30! Started the car with a little difficulty down hill & drove to Mandi [**Google: 115 miles**]. Some miles beyond, hit a barrier & had to wait 1 ½ hours. Stupid system. After barrier opened drove to out the other end and damned if we didn’t have to wait half an hour to go out even though traffic was 2 way! Went through Kulu & up to Manali. The place pretty full of both tourists and Tibetan refugees. Got a room at Major H M Banon’s rest house – an old odd affair. Good food & good service. Warm water for tin tub, etc.” [**Manali**]

SEE IMAGES: Shiva Temple, Baijnath, India

Sept 29 Thu “6:30 bed tea, 7:30 breakfast & off. Les went up the valley to collect & I took the east side & climbed past some villages & along side of valley. Collections mostly grass. *Bint* abundant. Lovely valley & villages turned orange from corn laying on roofs. Took a number of pictures. Met Les for lunch at 2:00 pm, paid bill & drove to Kulu where we got a tent. The Kulu fair opens tomorrow & we will stay to see the opening procession. Passed several of the gods on the way down. Very gay colors & expect lots of drum music when they arrive at Kulu. Dinner promoted at Dark Bungalow – fried eggs & chips.” [**Manali**]

SEE IMAGES: Rotang Pass, near Manali, India

Sept 30 Fri “Good sleep until about 5:00 when drums, dogs & people started making noises. Breakfast at Dak & to work on expense account & etc. Drums beating & horns blowing off & on as the village gods arrived & processed to the temple & returned. Having finished the paper about 4:00 pm they began to assemble on the green & danced about with their colored shrines of gods on their shoulders. Groups danced in front as they worked their way through the crowds. Rituals performed at the main shrine mounted on wooden wheels. More & more until as little after 5:00 somewhere between 40 & 50 village gods grouped around main shrine & with mix crescendo of drums & horns the shrine is pushed across the green & down to another one 100 yards below. All very colorful & rather impressive but too late in day for good color shots. Took pictures like crazy in both black & white & color but not much hope of anything really good. After shrine was moved the village gods were taken into a canvas enclosed compound where the priests had a tent and more ceremonies, then to a second Major tent where the (ex) Raja received them. After that all was quiet. No celebration as one might have expected.” [**Manali**]

Oct 1⁸¹ Sat “Drums all over the place at 5:00 am. Then quiet. Breakfast at 7:00. Battery charged & while Les got car ready went & took a few more shots of village gods and off at 8:30. 1 1/2 hours wait at Out Barrier, then on to **Mandi**. Reached shortly before 12. “The next 97 miles to Simla [**Google: Simla, (Point O) from Manali 78 miles 2016, vs**

⁸¹ Nigeria gains independence from Britain (National Day)

97 miles in 1960] pretty rough, very dirty & very slow. A snakey road over ridge tops nearly all the way & a tremendous amount of monsoon damage. Arrived **Shimla** nearly 7:00 & battery flat dead again. So, picked the only obvious hotel – another Oberoi Cecil. Expensive but we'll stay a while." [**Shimla; Google, same as Simla**]

Oct 2 Sun "Called Simla Hills Transport & someone answered – couldn't do anything but would call headquarters in Karnal. Eventually they put a mechanic & a dynamo on the bus & sent him up. Spent the day writing letters & otherwise catching up. Walk in evening. Town dead. Called Bakshi but not around. Dull but restful day." [**Shimla**]

SEE IMAGES: Shimla, India

Oct 3 Mon "Posted letters & went to Bank for more money. Called Bakshi at 9:00, 10:00, 11:00 and waited around till after 2:00 for him to call. He didn't show so took off after dinner – glad to get out of Oberoi's clutches. Drove down to **Karnal [Google: 141 miles, due south]** to have the car finally put in shape, serviced, etc. Snaky road and did not arrive until after 5:00. They worked on it anyway and did the best they could. No proper equipment for greasing, etc. Spent night in civil rest house without permit as usual." [**Karnal**]

Oct 4 Tue "Off fairly early & down back toward Simla 18 miles & took small snaky dirt road to **Nahan (P)**. Stopped at Saritian on way & got seeds from shopkeeper. Altogether the most interesting road in India so far. At Nahan told we could not continue on to Dehra Dun since bridge was out over Yumuna R. So, went back into plains almost to Karnal & crossed at Yumuna Nagar. Got to DD Cant & couldn't see a good hotel so went on to **Mussoorie (Q)**. Arrived in rain & fog & hiked until we found Hackman's Hotel. Had very expensive Scotch at the bar & dinner after 10:00 PM. Cold & clammy & water too cold for bath." [**Mussoorie, India**]

SEE IMAGES: View near Mussorrie, India

Oct 5 Wed "Water hot this morning & a good steamy bath after late breakfast. Got off a little before 9:00 & drove to **Dehradun [Google: 22 miles back down to the south] (R)**. Located Forest Research Institute & found Mr. M. B. Raizada, officer in charge of Botany Branch, a little after 10:00. Very nice chap & grass man, too. Worked in herbarium until nearly 4:00 pm. Good herbarium & interesting sheets in line 'Chital Relief Expedition 1895' and the Kabul sheets are still under Northwest & Central India! Lots of interesting notes, too. The collection not nearly as extensive as Kew, but good to see. We shall try to exchange material with Raizada. Drove back in rain & had tea at 6:00 pm. Very cold & water too cold for bath again. The lawns on the campus of the

JACK R. HARLAN EXPEDITIONS – EXP. # 2 – IRAN, USSR & ASIA – 1960, 61 Trans

Institute are covered with *Bint, Brent & Dan*, mostly *Brint*. Bor's hand is readily seen in the grass collections at least. To bed early & half frozen." [Mussoorie]

SEE IMAGES: Forest Research Institute at Dehradun, India (founded in 1878)

- Oct 6 Thu "Hot bath early, ate & packed & off by 8:30. Stomach upset from evening before. Raining. Drove to **Aligarh [Google: 218 miles Mussoorie to Aligarh]** & got room in Dak bungalow of PWD. A driblish day. Wind & rain & lots of splashing on & off pavement because of trucks & busses The Plain is mostly sugarcane, pearl millet, sorghum & rice with little else. Saw guar, cotton, Sesbania, but on small scale. Hope to see Choudhary tomorrow but it's Friday, so we'll see. Little done today, but travel. Worked up collections in the eve. & ate out of cans. Used mosquito netting to good advantage." [Aligarh]
- Oct 7 Fri "7:00 breakfast arrived about ¼ to 8. Packed & off to see Choudhary. After much inquiry found him & had a brief chat before his 9:00 class. Wood anatomist, formerly at Dehra Dun, has done quite a bit of archeobotany especially on wood ident. Published mostly in "Ancient India"- must read up on it. Very slow & I suspect old fashioned methods. Then, on to **Agra [Google: 275 miles]** which we reached by noon and spent about 2 hours at the Taj. Very impressive and not disappointing at all. Mumtaz died 1630, work begun 1632 & lasted 22 years. Shah Jahan died 36 years after she did. She died aged 39 & mother of 14 (check this). The inlay work of semi-precious stones, lapes, malachite, carnelian, coral, etc., was especially good. A tremendous monument (to what?) The Kohinoor diamond formerly on Sha's tomb looted by Hindus in 18th cent. & presented to Queen Victoria in 19th. A part is now the chief diamond in the crown & other part in Tower of London. Muslims seem little bitter about it. The last Timurid & last of my series. Flat tire almost made us too late since dynamo not working again, but got in with little driving in dark. " [Agra]
- Oct 8 Sat "Pushed car to start it & went to Tea Room on Cannought for breakfast then next door to Simla Hills. They sent driver & delivered us back to Rockefeller [Delhi, Google: 130 miles] & took car. Got mail – mostly official, looked at photos – pretty disappointing because of sticking shutter & poor exposures. Read, drafted letter for chief conservator forests, Kashmir, called Gardiner Bump who invited us to dinner. Read in air conditioned library until 5:30. No car had showed, so called Bump. He came & got us. Lots of scotch & good talk. Dinner & brandy. Home at 11:00 or so. Not quite a useless day but nearly." [Delhi]
- Oct 9 Sun "Slept as late as flies would allow. Started labeling slides. About 9:30 went down to Nirula's in Rockefeller car for breakfast. Returned & finished labeling slides. Big losses on some rolls due to sticking shutter. Started at Bamian & not completely corrected until Chitral. The last roll OK for shutter but many of them overexposed. Must

close down at least 1 stop, maybe more. I'm afraid the Taj pictures will be badly overexposed because of intense light. Must get a new camera somewhere. In aft. Went to Ashoka Hotel & read & used their lobby. Les had been swimming at UK High Commission & came back pretty merry with an invitation to dinner. So went and had several beers, a dinner & a few more & walked back to Rockefeller." [Delhi]

Oct 10⁸² Mon "Took taxi to Tea House for breakfast. Simla Hills man did not know the condition of car, so left Les to see German Embassy & garages about parts while I got haircut, took taxi back to the Rockefeller, gave secretary letter to type for the Chief Conservator, Kashmir, & took a Taxi out to IARI⁸³. Visited long & hard with Joshi – Mehra & Paliwal came in. At 2:30 got loose and had an Indian lunch on Mehra. Then visited Swaminathan on radiation genetics. Took cab back about 6:00 pm. Car now ready. Dinner at Nirula's at asked prices, etc. at the hotel. Believe we'll move tomorrow. Les went Scottish dancing & I washed out a shirt, packed & caught up notes. Have date with Dr. House at 7:00 & am to make a speech before Indian Society of Genetics & Plant Breeding on 21st. Must work it up." [Delhi]

Oct 11⁸⁴ Tue "Made date with Dr. Lee House at 7:00 but no breakfast. Went over millet, sorghum & a little of maize work with House & Ken Ritchie (Perdue). The borere & high water table & salt are real problems. Back at noon & Les had moved us to Nirula's. Mrs. Johnson called & invited us to dinner with the Welhousers & Osler. Mehra called in eve. & took a couple of scotches with me & a good visit. I went to Embassy commissary and got some scotch, cigars & **toilet paper**, etc. Gave one bottle to Al. Most pleasant eve. & back to Hotel. Will go on 5-day trip to Rajasthan with House & etc. Drew up bill of sale to unload jeep woes. In MARGIN – "Collected refund on telegram; checked re. visas to Ethiopia & UAR" [Delhi]

Oct 12 Wed "Breakfast at 8:00. Out to the Rock & had Bill of Sale typed, signed & witnessed. Les to bank & will get traveler's checks to finance trip to Pakistan. I advanced Rs. 200 for Indian expenses. He may be gone before I get back. Les came about 1:45 & we got off. Drove to **Jaipur (B)** for the night (**Google: 364 km – 4 hrs drive Delhi to Jaipur**). Got in late but couldn't see much, but looks very interesting. Met Dr P.C. Raheja, Director of Central Arid Zone Research Institute located at Jodhpur. Fine Hotel converted from a Maharaja's palace." [Jaipur]

Oct 13 Thu "Breakfast at 7:00 AM & off in good season. Got to **Ajmer (C)** & the Tabeji Station. Al & Ritchie & Bob Osler all there. Had lunch at the station & later Al & I & several Indians took off for **Pali (this is a straight line SW from Delhi)** which we

⁸² Cyclone hits coast of Gulf of Bengal; about 4000 die

⁸³ IARI: Indian Agricultural Research Institute, India's premier national Institute for agricultural research, education and extension. http://en.wikipedia.org/wiki/Indian_Agricultural_Research_Institute

⁸⁴ Hurricane ravages East-Pakistan (6,000 die)

reached after dark, Were met part way out by district delegation & stopped to see a potential seed farm. Drinks & dinner at Rest House. Some collections. Dry country. Acacia savanna & some cropping” [Pali]

Oct 14 Fri “Off by 7:00 with driver & maize breeder from Ajmer & wife & child. Some collections on way to **Jodhpur**. There went to experimental station and got guar & other seeds – to a farm for vegetable seeds & out to Central Arid Zone Research Institute. The agrotologist Mr. P.M. Dabadghad had nursery, paddock trials, forage trials, grass crop rotation, fertility studies & seed increase. Nice small program. Some collections on the way to **Godhana (E), Gujarat (This city is in the straight SW direction of the above cities and seems to be his farthest point and he is definitely in the central arid zone.)** Went to the Central Arid Zone Research Inst^{85,86} [It looks like Harlan went to this Institute to see about the arid regions of India.] The Agrotologist is **Mr. P. M. Dabadghad** (See report on his book, click here.) [Gujarat]

Oct 15 Sat. “Delayed breakfast until after 8:00 when the growers mentioned above showed. Singh brothers, Then we all went to **Ajmer** to see the maize & sorghum work. The growers may get into seed multiplication for the program. Lunch at Circuit House & then to **Kota** which we reached late – no collection. Nice Circuit House here too. Shower, beer, dinner & bed.” [Kota]

Oct 16 Sun “Checked out & went out to sorghum trials in a small farm in city. It had done well, but too many birds. Made a few collections & got Dr. Bothnager finally in the jeep & off. Drove to **Jaipur** & let him out, had a good lunch at local rest. & the driver & **I drove on in to Delhi** at 8:00 pm. Al had taken train at Kota & beaten me in by ½ hour.

⁸⁵ The **Central Arid Zone Research Institute** was established by the [Government of India](#) in 1952 in [Jodhpur](#), a city in the state of [Rajasthan](#). It was previously known as *Desert Afforestation Research Station* until it was renamed in 1959.

The objectives of the Institute are to find ways to stabilising shifting [sand dunes](#), establishing silipastoral and firewood plantations, planting [windbreaks](#) to reduce wind speed and subsequent [erosion](#), rehabilitating [degraded forests](#) and starting [afforestation](#) of barren hill slopes.

⁸⁶ 3.1.3 Land and Agriculture

Lack of surface water source and high salinity of ground water has limited the sufficient base for irrigation as well as for drinking purpose. The average land holding is about 3.63 ha ranging from 1 to 6 ha. Lack of irrigation source forces the majority of the farmers to migrate to ensure their livelihood. This affects directly the demographic profile of the village. The major crops cultivated by the farmers are Jowar (Sorghum) and Bajra (Pearl millet). Some of the farmers take up rain-fed castor crop if rainfall is good. The land conservation measures such as earthen bunds and farm bunds in the area will help them to take up a rabi crop of mustard or cumin in the residual moisture. (Source: IWMP – Godhana, Detailed Project Report, Integrated Watershed Management Programme (IWMP-8) with starting year 2010-11

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Les had left ½ hour before I came also. Got a couple of beers, hot bath & Chinese dinner, tired & thirsty but good trip to Rajasthan. Hoped can get back to Jaipur” **[Delhi]**

Oct 17 Mon “Slept until 7:00 & slow starting. Still tired. Out to Ethiopian embassy. The visa secretary not in. Stopped briefly at the Rock & had coffee with Al. Then to IARI with Mehra went the round with requests for materials. Should get some, but don’t know how much. The mango & bananas mostly in south India, may get 2 mangos here. Am to go over grass material with Patil tomorrow & lecture postponed until Mon 24. Back to **hotel** for lunch & read & rested in aft.” **[Delhi]**

Oct 18 Tue “Stopped at Ethiopian Embassy again. The man not in so asked to have forms sent to hotel. Out to IARI went over grass work with Patil. Quite a bit of *Cenchrus ciliaris*, some interspecific *Permetalum* crosses etc. In aft went to Agronom Div. & saw grasses & tropical legumes & a few paddock trails, etc. small scale work (INSERTED: “Indian student Tynogram in eve.”) Out to Volya in eve.” **[Delhi]**

Oct. 19⁸⁷ Wed “Diwali⁸⁸ under way. Everything closed pretty much. US Embassy closed too. Went shopping with Mehra. Tried to find normal bazaar. Tried place after place & couldn’t get. Finally ordered a brass stool from big dealer near the Mosque which might do. Had him take off lid lest it might not work. Says he will ship to Stillwater. Paid Rs 125 for the stool & 25 for postage. He may not do it. Read in aft. Dull. To Diwali Fair in old city in eve.” **[Delhi]**

Oct. 20Thu “Diwali again and all closed down tight. Seeds all packed up but U.S. embassy closed until Monday. Went out to IARI to see Lee House & Ken Ritchie, they weren’t there either. Read & loafed. Friends in the eve. Same short of thing. Everything closed for Diwali. Embassy closed until Monday. Just loafed around. (THIS MUST BE VERY HARD FOR JACK HARLAN TO DO,HVH2) Festival in eve.” **[Delhi]**

Oct 21 Fri “Nothing stirring again.” (WHAT IS HE SUPPOSED TO BE DOING? Adi) **[Delhi]**

Oct 22 Sat “Went out to IARI & watched Welhausen & Ken & Lee work on sorghum classification. Lunch at Al’s at noon for Sterling Wardman, now back with Rockefeller at a new rice research station in Manila. More reading & out to Gaylord’s in eve.” **[Delhi]**

Oct 23 Sun “Mehra & Kamara came at 9:00. We went to Gandhi’s Memorial, the Red Fort, several mosques, tombs, etc., Lunch at a little Punjabi restaurant and out to Qutab-Minar, the big landmark of Delhi. Went to the top but quite a fight with all the Sunday crowds.

⁸⁷France grants Mauritania independence

⁸⁸ Diwali popularly known as the “festival of lights” is held throughout India according to the lunar calendar. In 1960, independent sources verify that it was round Oct. 20 and ran for 5 days.

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Also saw Secretariat, Parliament Bldg., & India Gate, etc., Pretty long day of sight seeing, but nice. In eve. Went to Ernie Sprague's house for dinner. Very nice (Danish?) wife & 2 small boys. Drinks, dinner & fine visit." [Delhi]

Oct 24 Mon. "Finally got seeds to U.S. Embassy & on their way I hope. Then out to IARI & most of the day with Dr Swaminathan's program. Lots of mutation radiation work mostly on ploidy levels & in knocking out awn suppressors, speltoid suppressors, compactum suppressors, etc. Some crosses interesting, most F1s between *T. aestivum* & *T. vavilovii* are *T. aestivum* but one is *T. vavilovi* type. Needs study. Also, *Colchirus olitorius* X *C. capsularis* actually achieved after 50 years of trying via grafts + crossing. Gave lecture to Indian Society of Genetics & Plant Breeding. Seemed to go off OK. In eve. Out to Jack's home for supper. Very nice of him since we've hardly even met. Nice visit with Lee House also. IN MARGIN "Got small collection of legume seeds from Agronomy Division." [Delhi]

Oct 25 Tue "Out to IARI to get collections promised. B.D. Patil did pretty well but Mehra's collection pretty small. Not in a position to argue too much about it. Most of the day spent at corn improvement seminar. Lunch at Ashoka at invitation of Ernie Sprague & tea at Dr. N. L. Dahliwal after the seminar. Outstanding feature was Welhausen's discussion on what can really be done with corn if we really took a crack at it. The O.P. base has been neglected & when that is raised the hybrids can go to town. Very interesting stuff & a good day." [Delhi]

Oct 26 Wed "Spent morning working up collections and got seed off at Agr. Attaché's at 1:30 or later. Mehra came & we had lunch & then went out to Delhi College where Mr. Kumar wanted me to look at his Polygaratums. First we had to see the principal, Mr. Regy, then I had to address the students, then see the facilities & then we got down to the material. By then it was almost 5:00 pm & I had a date out of Gardiners Bump's place at 5:00. By the time I got loose & got a velocipede & taken to Defense Colony instead of Friends Colony it was 6:00. Still had a nice evening & visit. At Delhi College met a Miss Usha Bhagat, lecturer in Botany, a real cute gal. She arranged an appointment for tomorrow with Dr. Meheshwari. Home from Bumps by 11:00." [Delhi]

Oct 27 Thu "Took Tibetan mask to Chinese art Palace, Cannaught Circus for shipment. They said they would and Bump says they are reliable. Out to Embassy commissary and laid in supply of whiskey – it's dry in Bombay. Also got a couple for Al. At 1:00 had lunch with Miss. Bhagat & out to Delhi U to see the great Maheshwari. Everything there was so neat one wonders if anything really gets done. Slots of projects thought & almost all on embryology as expected. Met Dr. Ball from N. Carolina on Fulbright & various others. The guest book sounds like who's who with R. Ruggles, Gates, J. S Haldane, George Gamow, David Keck & lots of others. I signed too. Dropped off Miss Bhagat at her place near Kashmiri Gate & then promptly got lost. Drove right through Old Delhi &

soon found familiar ground. Not a hard city to learn, I think. Dinner at standard this time. Cheaper & better than some.” [Delhi]

Oct 28 Fri “Out to & at long last, two of the mangos & also 3 male sterile grasses. Rushed these to embassy & also sent note books & publications by era pouch. Got RR ticket for Bombay & left it at Embassy & had to go back for it. The absent-minded prof. may be in trouble, though because I can’t find my customs declaration anywhere. They advised me to write to Agr. Attaché & I will do so. Back out to IARI for some barley seeds which brought back & processed. Did some packing & sorting to get the pressure off. Dinner at Golden Dragon.” [Delhi]

Oct 29 Sat “Packed both my stuff & Les’s. Took his out to Rockefeller’s Foundation. Al had left but Mrs. J. took it. Came back in & got passport & went tout to U.K. High Commission to see about visa for Aden – couldn’t get it on such short notice, so came back and mailed letter to Attaché Land Customs & duplicate to his boss at Amritsar registered airmail. Also, note to Wayne in Ethiopia. Back at Hotel. Wrote thank you notes Johnson’s & Bumps & a sort of one to Sprague asking him to look after guar collection. Also one to Hyland about the shipments. Lunch at Golden Dragon, took car for final spin & made a few collections. Turned car in, packed & set to go. At 6:00 the man from Simla Hills Transport came & I signed over the car to him. He then started a big argument about the bills I had paid & deducted from the rent. I finally showed him the door & told him to get out. He did. Mehra & Kumar came. As expected, Kumar wanted me to find a job for him in U.S. We went out to the Punjabi (restaurant) and had very nice roast chicken & discussed a wife for Mehra – none other than Miss Bhagat! The only question says Mehra is who is going to do the talking. He has a point. Wound up with espresso coffee at standup & to bed. Les arrived shortly after. Broke, hungry. No luck on selling the car. He claimed he had spent about what he owed me, so I gave him Rs. 100 for change & will call it quits. He can make it to Colombo, I think.” [Delhi]

Oct 30 Sun “Call at 6:00 & coffee shortly after. Packed, said good-by to Les & off by 7:00 Got to RR station & after a wait found my compartment. Mehra, his mother, 3 sisters, & 1 brother came & we had a visit. They seem to be working on Usha. Mother is a small very strong woman, glad to have met her. Train left on time & stayed on time. Had two companions most of the way & a 3rd for the last stretch. Everyone seemed to have an agreement not to speak, so we didn’t. Meals were served in the compartment at stops along the way. This car nicely appointed even with showers, leather seats, good service & bad food, but altogether an easy trip. Slept well.” [Train from Delhi to Bombay]

Oct 31⁸⁹ Mon. “Arrived **Bombay** about 9:30 & got a taxi out to Green’s Hotel to look it over since it will be rendezvous with Wayne. Decidedly a has-been hotel & bought out by

⁸⁹ Cyclone hits coast of Gulf of Bengal; about 10,000 die

the Taj Mahal next door. Room is fine, price is O.K. but the food is the worst yet of its kind. **Hope I can move on get on the road soon.** Located St. Xavier's. May have located an old car. Must take care of visa, films & etc. Bombay is much nicer than Delhi in my book. It should be a pleasant stay in the south. Took walk in eve. & found the pimps are thick – first time on the whole trip. Is it because it is a port town? Saw more drunks than any place, too. Is it because of prohibition? Made out expense acct.” **[Bombay]**

Nov 1 Tue “Spent considerable time trying to locate Veena Motors. Was slightly misdirected by Hotel, but had walked right past it. The car they mentioned came in all bunged up. They will try to get me another. Walked up to U. K High commission. They said I didn't need a visa for a couple days in Aden. Hope so. Went on up to St. Xavier's. The padre (father Santapau) is in retreat until Thursday. This would be a hellava good idea for professors. Went to Blatter Herbarium & worked a few hours. Disappointingly small but they have the only specimens of *Diorygma Armatum* & *D. panchganiense* in India. Will go back Thurs. Taxi to hotel, lunch (lousy as usual), a nap, bath, cup of coffee & made reservation on BOAC for Aden on 10 Dec. & leave Aden on 13 Dec. This is only 1 shopping day. Hope it is enough. Wrote Howard Hyland & got exp. acct. ready to go.” **[Bombay]**

Nov 2 Wed “After breakfast found nothing stirring for quite a while so read, bought another shawl at “Kashmir Art Palace” behind the Taj. Prepared two packages each containing a shawl & purse. Got them ready to go but post office jammed. Finally got expense acct. mailed. Took films to shop in Taj. Dug out descriptions & keys for Both. & Dickworth & made list of those needed. Got laundry back. Checked car & no progress. Better go to Poona & see. Lots of busy work, but not a lot done.” **[Bombay]**

Nov 3 Thur. “After breakfast went to see Father Santapau. He was there this time. A big rugged-looking man with a square jaw & puffing on a big cigar. Went through card index & located 9, possibly 10, endemics in the Khandala-Poona-Panchgani area. The endemics are there simply because grass men are endemic. When Blatter retired, he retired to Panchgani. At Khandala there is a summer house for the St. Xavier faculty, etc. With the information provided will try to get off Sat. for Poona. Ordered RR ticket from Cook. Took packages to Kashmir Art Palace & also bought 3 saris to be mailed Rs 400. Started to reorganize gear. Will leave some at St. X. got letter from Mommer [Jack's mother. He called his father “Popper”] & one from Liz, none from home. **[Bombay]**

Nov 4 Fri “Finished reorganizing & took big suitcase, duffle & box of envelopes out to St. X. Somehow I'll have to dump nearly all of that before I leave India. Then to US Consul. No letter from Land Customs. Main man out of town, but a Mr. Khori (?) – Indian – promised the parcel & introductions if necessary & will help on customs if that is necessary. Taxi back to hotel. Climbed India Gates & took pictures – also of snake charmer, but all of the snake charmer pictures are bad. Went to museum – most of it closed for repairs but pretty good anyway. Some good stuff from Mohenjjo-Daro. Got

ticket. The following Mughal succession from coin display: Babur 1526-1530; Humayun 1530-40; 55-56; Akbar 1556-1605; Jahangir 1605-1627; Shah Jahan 1627-58. Finally got up the nerve to eat out – the Alibaba. Food good & young pianist excellent. ‘Early’ to bed.” [Bombay]

Nov 5 Sat “Up at 6:00 off at 7:00. The V.T. RR Station turned out to be close in so I had lots of time. There was a mix up on seats so I could use some of it. Ride to **Poona**⁹⁰ [(B) **Google: Pune, 153 km to the SE of Bombay**] uneventful, but some trouble getting hotel. Would have been smarter to stay in Bombay through the weekend & come up during week. Located at Mobo’s which is OK. Sort of conked out in aft & slept very hard. Don’t know why. Haven’t done anything but feel run down. Walked in aft & eve & long night’s sleep.” [Poona, aka Pune, India]

Nov 6 Sun “Coffee & bucket of hot water at 7:00. Breakfast at 8:00. Had planned a long collecting hike in country, but it rained. Finally cleared a little to get off a little after 10:00, but collecting not much. *D. caricosum* able to persist under extreme grazing pressure – also *B. pertuse*. The *caricosum* suggests some Dan introgression somewhat like S. Texas type. Watch for this. Back by 1:00 & lunch, snooze, walk in eve., dinner & bed. These towns are completely dead. Tremendous estates gone to seed; ruin everywhere. An English lady who had lived in **Poona** 35 years said before the gardens were beautifully kept & there was lots to do, etc. Not after.” [Poona, aka Pune]

Nov 7 Mon “Taxi out to Agricultural College⁹¹, practically no one there, but eventually Dr. Rui de Cruz showed up. He is a Stebbins student, also. He took me over to the Horticultural section to meet Mr. N. Gopal Krishna who promised all the mangos & bananas he had. Also put in word for the cucurbit collection. Spent some time trying to find transportation. De Cruz took me to town to try to rent a car. No luck. Went back out at 3:00 pm. Oke was supposed to show but had to be sent for. Rest of aft trying to arrange transportation, but no go. Food & service of Mobo’s pretty good.” [Pune]

Nov 8 Tue “Election day⁹². But I won’t hear the result for a long time, I imagine. Walked uptown to post letters since local P.O. doesn’t open till 10:30. Then walked to Bot. Survey of India – not far. A Mr. Rao in charge. Checked locations on their herbarium sheets of the endemics & tried to talk him into the jeep. He might loan me one by the day

⁹⁰ Poona, better known as Pune, is now the eighth largest city in India (pop. 5 million) and is the center of much industry and research. In 1960 its population was 727,000. The old city was partially destroyed by a flood in July 12, 1961 when the Panshet Dam broke while under construction during the Monsoon. The term Panshet zala has been coined to mean big disaster, along with Panipat zala, also meaning big disaster, referring to the 3rd Battle of Panipat in 1761, also involving Pune.

⁹¹ This appears to be a very important University in India, started in 1907. Even in 1960 it was an important college. “After establishment of Maharashtra Agricultural University in the year 1968, the College of Agriculture, Pune was transferred to the University as a constituent College. In 1969, the College was transferred to the Mahatma Phule Krishi Vidyapeeth (Agricultural University), Rahuri established in that year.” From <http://mpkv.mah.nic.in/PUNECOL.HTM>

⁹² John F. Kennedy was elected Pres. of the U.S. on this day. In the British-type parliamentary system, adopted by India, there is no fixed “election day” as in the US.

later. Back at the hotel, packed because my room was booked. Oke came in the aft to talk about his problems. No help on transportation, so I'll catch a ride with Krishna tomorrow. After Oke left, got taxi to Napier hotel witch actually has rooms without food. Room not as nice as Mobo's but freedom of food is important. Lion's Club meets at Napier. Caught the late show at the local movies: "Sink the Bismark" – corny. The second movie of the whole trip. A few bites in the night." [Pune]

Nov 9 Wed "Krishna came while I was still at breakfast, but we got off by 8:30, which is practically daybreak in India. Drove to Wal, about 8 miles from Panchgoni & broke down. They decided to go back so I got a seat in a taxi with 9 other people & driver went on to **Mahableshvar** & got room at Fredrick, had lunch & started out to get my grasses. The usual luck held. By time I reached Wilson Point desolate, barren & no shelter, it poured. Rains are supposed to be over, but I sure got a soaking & no grass at all to show for it. **Also got a crack in the ribs from a bull at Wai when I was looking at the grass in his field. Pretty sore, cold & wet.** Back at hotel got a bucket of hot water & a dish of tea & dry clothes. Went up town after dinner to try & get a late paper & see who won the elections. All closed up." [Mahableshvar]

Nov 10 Thu "Off right after breakfast & walked back down Panchgani road 5 miles to where I had seen Bothinochloe on my way up. There are 2 kinds there. Both in bloom & no seeds. **Wearing boots & feet pretty sore**⁹³. Went back & took Lingmala Falls road. Down the falls & sure enough *B. concanensis* all over it & for once, ripe. Got 2 plots & went on around the long way. If what I think is *D. serrafalcoides* then I have 2 out of 10 endemics. Also got what might be *B. suntzeana* on way up yesterday, so may have 3. Arrived back at hotel at 2:00 pm very, **very footsore**. Rested & worked up collections. Got paper in eve. with news of the election. No details & I probably won't get any here." [Mahableshvar]

Nov 11Fri "Up early and packed. After breakfast took taxi to Panchgani. Located a prospect hotel & **set off immediately in boots & still footsore**. Right at edge of yard found *D. panchganiniense* & all looked bright. It is pretty green, but some seed, I think. **Hiked on across the table lands & over rocky ridge** where *D. armeticum* is supposed to be, but not a sign anywhere. Looks like I'll have to stay another day at least. **Back to hotel for 1:00 lunch with very tender feet. But one more endemic in the bag. In aft. took another hike (in my shoes).** More rocky ridges but no luck. **Tired but will keep trying.**" [Mahableshvar]

Nov 12Sat "Asked about 3rd tableland where *D. McCannii* is supposed to be east of. The manager didn't know, but the cook did. It being several miles, I rented a bike (1 ½ Rupees) for the day. By 9:00 I was east of 3rd tableland but no luck. Finally to be sure

⁹³ Jack Harlan's hammer toes require soft shoes. These boots must have been tortue. HVH2

went down through a village & turned right & 100 yards on there it was and thick and with ripe seed. Got 3 plots plus some other collections & was back by 12:30. After lunch went out ‘the Point’ to try for *D armaticum*. Found with difficulty a few plants that would key out to *D. armaticum* but they look like *D. panchganiense* without a pit on pedicillate spot. I am suspicious of it. Maybe I’ll find the real thing elsewhere. **Anyway another endemic in the bag & possibly 2.** Turned in my bike & back for tea. I could never have walked it. Good day & will leave for Poona tomorrow. Poinsettias are a great show here already.” [Mahableshvar]

Nov 13 Sun “Had arranged for a car at leave at 8:00. It showed after 9:00 & messed around town another half hour before leaving. There were 6 other passengers, though & the same Rs 6. We got to **Poona** just before noon & the next train to **Bombay** at 1:15. So, had lunch & got ticket & arrived at **Lonavla (C)** at 3:10 [**52 miles short of Bombay**]. Walked to Central Hotel, the lowest yet but still not too bad & food good. As soon as settled, set out toward patch of *Both* I had noted from train. It is *B compesea* & acres of low land lot must be in water most of the monsoon. Also 3 kinds of Bint. Mosquitoes some trouble in night also big drumming but too sleepy to investigate.” [Lonavla, India]

Nov 14 Mon “Got off at 8:00 in a tonga⁹⁴ & toad to **Khandala (D)** without seeing any of the grasses sought. Went out to the Khandala Point – nice view – then back to edge of town, paid off the tonga & hiked across th hills back to **Lonavla (E)**. In deep ravine, found *B concanense* & closer to **Lonavla** in paddy found *B. compressa*. No sign of *B ensiforme* for *D. armature*. Got in a little late for lunch, hot & tired. AT 4:00 went in tonga again to a place below the big dam & hiked all around looking for *B. ensiforme* which I suspect is merely an off-type of *B. compressa*. Found Bint in great quantities & in great variation. Monkey business is going on & *B. ensiforme* is probably a result, but can’t find it. Will try once more tomorrow morning. Back by dark; early & stroll into town, then to bed.” [Lonavla]

Nov 15 Tue “Hiked back to wet area below the big dam & looked at populations of *B. compressa* & Bint again. **Finally convinced myself that *B. ensiforme* is just a hybrid of some kind with *B. compressa*** & came back with specimen & a few more collections of seed. I may be wrong, of course, checked out of hotel & carried bags to station & caught the 11:00 am express to **Poona [41 miles to the east]** – only 1 hr compared with 2 hrs on ordinary train. Taxi to Napier hotel & a much nicer room this time. Also rooms are relative & after the ones I’ve been in lately this looks like a palace. Dr. Cruz stays here too and we set up a trip for tomorrow with Rao who is to spend jeep at 9:00 am. **This is very dull, went to movie** : ‘Wild River’ a TVA saga & too much race to be good in India, but no doubt true all the same.” [Pune]

⁹⁴ Horse drawn carriage, almost extinct now.

Nov. 16 Wed “A little fella from Bot Survey of India came at 9:00 plus a driver and a helper. No wonder things are expensive in India. We took off for **Paud [18 miles back to the west on a different road] (G)** and sure enough at the 6th mile, there was *B. kunntzeama*. Also at the 7th, 10th & other miles. The thing begins to assume an identity after you see it a few times. It is always on the streambank while *B. concanensis* is always on the rocks in the streambed. Eventually, we went on to Paud and sure enough there was *B. wooderavii*. The only place I have seen it is the whole trip. It has much more Bisky heads, but is big like the rest and it grows on top of dykes between paddies. They all love water, but in different ways. *B. compressa* grows in flats that stand in water during monsoons (& also on dykes) Pond also sports a fine, big Brint & a few other endemics. *D. coniossiur* & *D. annulutum* are mixing it up in this area. Had nice visit with Rao when I called to thank him & back to hotel by 5:00. Filthy & no lunch. Oke came to visit at dinner.” **[Pune]**

Nov. 17 Thu “Went out to College⁹⁵ about 9:30. Dr. Cruz had just arrived & we gossiped mostly about Stebbins & Anderson until 11:00 when I went over to Hort. to get my plants. Meanwhile, I had put in an order for materials of onions, carrots, peppers & the like & was led to believe I would get something. At Hort. got 6 vars of banana and 3 of mango & took them plus cucurbit collection to hotel. Bought packing materials in bazaar – found canvass bags torn & had to go back & get gumaj, but eventually got them all packed. Afraid the mangos would be too wet in moss so repacked them in sleeves and shuttle losta tubes. Packed my gear & went to bed tired & with aches in my chest from what I did not know. IN MARGIN for Nov. 17 “Dr. Curze came in eve w/o seed ‘will send’” Bought RR ticket at ‘Trade Wings’.” **[Pune]**

Nov 19Sat “Got the bill for air pouching the bananas & etc. - \$115 or so! Did some arranging & reshuffling. Figured cost & money & how to get my luggage down to allowed weight. Hope Wayne can take something home with him. Bought packing materials for seeds & **bed roll**. Decided I was out of condition & better do something about it. To movie in eve: ‘Days of the Outlaw’ seven cornier than TV movies! Put in for reservations to Aden & Addis with Indian Air International – Hadn’t heard anything from BOAC. It will cost \$302.40 – more than I had counted on.” **[Pune]**

Nov 20Sun “Definitely not feeling well, so started a little program – exercises & no lunch. I’ve sat in India for 2 ½ months just getting fat – was in good shape before that. Also think exercise will help the chest where the bull cracked me. Took long walk in morning – hot & humidity must be terrible in summer. Then a long afternoon consolidating rearranging and discarding. One wastebasket absolutely crammed with papers I had

⁹⁵ Pune has several colleges and universities, but the oldest one seems to be Fergusson College, fnd 1885

gathered. **Sewed bed roll up in sack** & sorted out receipts & notes etc. to mail home. The load is a lot lighter already and if Wayne can't take much stuff with him he will at least drink the whiskey which will unload a little ballast. Despite hotel policy went over to Gulmohr for dinner to see if it would do for Thanksgiving Day dinner. The tandoori is pretty good alright. Then to movie & bed." **[Pune]**

Nov 21 Mon Out to US Consulate General to pay the bill on the bananas, ship and, book and prepare for home. Very nice & helpful out there. Long discussion & a letter composed about my loss of customs declarations, then to Grindley's & National Bank for \$450.00 more. Think this will be about right. Organized rest of discard material to give to Fr. Santapau **[94 miles away in Bombay]**. Should see him tomorrow." **[Pune, or somehow Bombay?]**

Nov 22 Tue Took out for Father S: 1 duffle, 1 knap sack; 1 flashlight; 1 canteen; 1 jacket; 3 mosquito bars & some envelopes. I'm sure he can use them all. Had nice discussion about medicinal properties of some plants used in ancient Indian medicine. They have extracted an active principle from one plant that is outstanding for pneumonia but can't be produced in Bombay state because it is soluble in alcohol! Checked a few specimens, still think I am right about *B. ensiformis*, but not sure about *D. armetium*. Back to hotel. Got bedroll mailed. The pile is getting smaller. Call from Mr. Kari & asked to set up date at Aarey milk colony for Fri. Dull day, believe diet & exercise beginning to pay off." **[Bombay?]**

Nov 23 Wed "Did some shopping for the boys & more or less made up my mind unless I can do better. Got airplane ticket to Addis and paid for it. She said I needed income tax exemption which I went & got while I had time – 1 ½ hrs. Back for lunch and just got back to room when Wayne came. He had bought scotch so we had a toddy for the lobby. Long visit, then dinner together & then walk into poor section & past all the pimps. Holly & Miller had their eyes opened. Then to bed. Grand visit." **[Bombay]**

Nov 24 Thu "Thanksgiving Day & a lot to be thankful for. Tour to Elephant Island (near Bombay) all morning. Very fine temple carvings but too dark for photos. Pleasant & impressive tour. Back for lunch. Then the boys wanted to shop so went to Khadi-Village Emporium⁹⁶ & a few other places. Wayne & I walked back & stopped at the Museum. Then a few more **T's befor the B's**. [??] In Eve. Wyane, Holly & I had chicken tandoori, mutton curry, nans & papri, etc. at the Gulmohr. They seemed impressed & I thought it good too. I went to bed, but I'm not sure what they did" **[Bombay]**

⁹⁶ This is definitely in Bombay.

JACK R. HARLAN EXPEDITIONS – EXP. # 2 – IRAN, USSR & ASIA – 1960, 61 Trans

Nov 25 Fri “Visit to Aarey Milk Colony⁹⁷ arranged by Kori. He called on us w. jeep & we had a very fine morning. An impressive plant with 15,000 lactating buffaloes producing 45% of the city’s milk supply, while 60,000 additional animals provide the rest. Production per head only 4500 lbs and cost 40 np/lb or \$8.40 per 100 lb – at least twice what it costs in U.S.A. but butter fat is 7%. About half the milk is blended with reconstituted imported milk powder to make a 3% milk sold retail for 24 n.p./lb. Straight buffalo milk retails at 48 n.p./lb. The forage grown is Para grass (*Brachinia*) & produces 100 tons green wt./A/yr & irrigation. Is cut & fed green on 21 days cycle. Also, hay bought & supplements fed. Record keeping good, but animals in & out too much for much herd improvement. Animals are privately owned & charged 13 Rs/month + feed. Combination of socialism & private ownership which seems to work although a bit expensive. A little shopping in aft. With Wayne but he didn’t find what he wanted. Nov 26 Sat “Breakfast at 5:30 & cab at 6:00 to Bombay Central. Found compartment with my name on it & train left at 7:15. Took notes on hay industry as we went by. Dozed & napped most of the day. A dull ride. Reached **Ahmedabad [Google: 330 miles north of Bombay]** at dusk & took taxi to Cama Hotel – the most modern & best appointed I’ve seen in India. Both Pak & India cricket teams are there & only by luck got a room. Showered & dressed for dinner. [**Ahmedabad**]

Nov 27⁹⁸ Sun “Breakfast at 7:30 but had to rush them. Scooter rickshaw to station & found another compartment with my name on it, although hadn’t really expected it. Narrow Gauge from here on. Arrived Abu Road⁹⁹ 1:34. Right on time & car was waiting. Got to Mount Hotel 2:30 & had lunch. The place was lively for once – 3 girl students, 1 Turkish, 1 Indonesian, 1 Malayan. They & 1 young Indian couple and myself took walk to ‘Sunset Point’ & watched the sunset & then nearly froze. Nights are cold here. Records & dancing in eve. The old man is no good at cha cha cha.” [**Mount Hotel, near Abu Rd. Station, India**]

Nov 28 Mon Hiked to town to inspect a haystack & collect. Back to hotel 9:30 for a ride arranged to see nearby Hindu & Jain temples. These weren’t much, but the ones in town (Jain) are terrific. One, about 1,000 years old, is ornately carved in marble & looks like ivory. A tremendously impressive piece of work, but I suppose the pictures won’t come out. In aft a long hike to west side of mts to collect. Nothing lively this eve. The girls had gone.” [**Abu Road, India**]

Nov 29 Tue “Got off after breakfast at 8:30 & hiked east down canyon along little trail thru jungle, then down to canyon bottom where I was trapped for a while. Took off the shoes since the rocks were very slippery. Finally worked my way up the other side to road &

⁹⁷Aarey Milk Colony (established in 1949) is situated in Goregaon East, a suburb of Mumbai. It has gardens, a nursery, lakes, an observation pavillion, picnic facilities, and milk plants.

⁹⁸ Patrice Lumumba flees Leopoldville Congo

⁹⁹ The Abu Road Station is a RR station about 130 miles north of Ahmedabad, India.

on back by 2:15¹⁰⁰. Lunch & rest. Then worked up collections & notes. Went to bazaar in eve. & got a small collection. Packed.” [Mount Hotel, near Abu Road]

Nov 30 Wed “Up at 4:00, tea & bananas & off at 4:30 to Abu Road & caught 6:00 am train. Very cold. Had compartment to myself. Got to Abmedabad about noon & transferred to broad gauge. There was a prohibition check point and some anxious minutes as the man searched carefully through the luggage – and failed to find 1 1/2 fifths. On to **Baroda** [Google: Vadodara, 189 miles SW of Abu Rd.] at about 5:00 pm and to guest house.” [Vadodara]

Dec. 1 Thu “8 months down & 2 to go. The Indian phase is about to end. Went to RR station to check schedule & noticed some buildings nearby that might be a University so walked over & sure enough it was **U of Baroda**. I was early but wanted to meet prof. Subbarao, head Archeology Dept. also head Zool, a physiologist interested in energy supply to muscles. Subbarao has since, new building, mostly empty, but is building. A geographic interested in spread of traditions & techniques & their regional & local conservation. Seems keen but little to work with. In aft. Met Prof. Chavan, Head Botany – a Weaver Student & Mehta the grass man. They say they will collect for us. Nice pleasant day of visiting. Made out expense acct, mostly prepared on train day before. Borrowed Sept. Sci. Amer. & read Braidwood & most of the other articles. Drank up some of the evidence.” [Vadodara]

Dec. 2 Fri “After some indecision decided to go on into **Bombay** & come back to **Palghan (L)**, there being no accommodations there. So took III class “air conditioned” express that roared into Bombay in about 7 hours, but the sitter was tired of the benches anyway & a dirty ride. Tried the Airlines Hotel which put up the usual story about being booked up but I could stay one night. I took it. Bath, Scotch & out to Gaylords & to bet, etc.” [Bombay]

Dec 3 Sat “Lots of hiking about. Went to St. Xavier’s but Father was out & the place locked as expected. Found a post office & finally got off expense acct. registered. Called US Consul & all closed. Went to Amer Express & got a few more Rupees and \$500 in travelers checks. The Indo-Pak test matches are going on & the stadium next door rocks with excitement occasionally. Tried to get in but no chance. Caught up a little on sleep last night before (a bad night for some reason) ate dinner at the local Molsa Bar & waited till midnight for the floor show ‘I shoulda stood in bed.’” [Bombay]

Dec 4 Sun “Up at 5:30 & off a little after 6:00 to catch train for **Palghar**. Reached same on schedule about 10:00 am. Spent a couple of hours taking pictures of the hay business – bullock carts of grass, bailing, hay stacks, etc. They said a bale weight from 100-130 kg & was bought for 12-15 Rs/bale or ca \$20 / ton at a realistic conversion rate. Made some

¹⁰⁰ Jack Harlan is 43 years old and doing all this hiking by himself in a remote part of India!

collections & caught the 12:40 for Bombay. Test matches still on & great confusion about hotel. Made preparations for leaving”. **[Bombay]**

Dec 5 Mon “Hotel doesn’t serve breakfast until 800 so went around the corner. Walked to St. Xavier’s. Only one letter from Hyland & he’s grumbling about my notes. Took Father S in cab by Churchgate station and then to US Consul. No word from customs. Kari called Land Customs in Bombay & contacted someone. In meantime a reply from Attari was located. Said no copy made over to passenger. So went to New Customs building & was shunted from man to man for an hour. Finally, they decided that what I had lost was of no importance. If I had had anything that would cause trouble my passport would have been stamped. This is where it was left. Got back to hotel by 12:45. Checked out & went to V. T. & caught 2:05 for **Igatpuri [(N) 75 miles NE of Bombay]**. It left exactly on time but in a 3 hour run managed to get 2 hours late. Then found there was no hotel. Set off with head porter for “Dark Bungalow”, but that isn’t where took me – instead a guest house run by a retired RR man, Lack. Indian born of European parents; 38 years on the RR & retired 13 years has 14 grandchildren & is over 70, very hale.” **[Igatpuri]**

Dec 6 Tue “Mosquitoes & not so good a night. Hiked up to pass behind Igatpuri & along riddle – top, down past lake to road & back to guest house by 1:30. Some collections, but no *D agmatum*. Big Indian lunch, rest & hike south of town. Not much added – some items in bazaar but probably nothing new - & back to guest house. Young grandson, Peter, is amazed that African or American could be bigger than ‘This place’ This place being Igatpurri – but you couldn’t step into the farthest jungle in America – because Why – Red Indians!” **[Igatpuri]**

Dec 7¹⁰¹ Wed “Got train about 8:30 for **Nasik Road**. There rented a bicycle & rode into **Nasik (M)** – about 5 miles & on the other side. Came back in town & tried to locate vegetable seeds – was misdirected all over town & finally gave up. Was in the filthiest bazaar of the entire trip & that is going some. Back to Nasik Road by a little after 2:00 – lunch at non-vegetarian refreshment room & 4:00 train back to **Igatguri**, tea, work on collections, dinner & bed. Mosquito net this time.” **[Igatpuri]**

Dec 8 Thu “Stirred a little earlier. Set off up road NE of town. A few more collections, but not much. Turned hot & have picked up a sore throat¹⁰². Got in just before noon – pooped & sweaty. Packed, ate, paid bill (5 Rs/day) & caught the train by 12:30. Uneventful ride into **Bombay**, taxi to the Taj. They were waiting for me alright with a Rs 45 per day room! Well, average this in with a Rs 5 and it comes out in the wash. Speaking of which, **I gave the dobie 27 items to wash & 3 to be cleaned. I haven’t a thing to wear!**” **[Bombay]**

¹⁰¹ Ivory Coast claims independence from France

¹⁰² Remember, the “filthiest bazaar of the entire trip”, on yesterday.

Dec 9 Fri Took last shipment of seeds to US Consulate. Dr. Kari not there, but mail room took them. **Wrote personal check for \$60 to get rupees to pay for shipments & new hotel bill.** Then to St. Xavier's & 2 minor items of mail – walked back to hotel. Washed shirt & made general preparations to leave. The dobie showed up in eve with a bill for Rs 27! **This shot the budget again.** Have been looking for a little goddess or dancing Shiva, but can't find what I want. Was nervous as a cat so went to late show of 'Round the World in 80 Days' – not bad." **[Bombay]**

Dec 10 Sat "The shipping bills all paid, expense account made out through tomorrow night – enough rupees for hotel bill left. Sat down & wrote 7 letters & things pretty well cleaned up now. Sore throat infection clearing up, but still nervous & out of sorts, so went to see "Ben-Hur"; in some ways excellent. Still shopping for the figurine I wanted & can't find. Stores will be mostly closed tomorrow. Well, there are a lot of things in India you can't find." **[Bombay]**

Dec 11 Sun "Took Clarus & strolled through the lower peninsula to use up the last roll on street scenes. Probably futile. Hope to have a new camera for the next roll. Back at hotel spent rest of morning packing. Reservations confirmed & all set. Have things arranged, that things rattle, material loose in 2 suitcases. Long aft of waiting & some late attempts to find the figurine with no luck; finally the long awaited moment arrived – I took coach to airport, breezed through customs, but plane was late. We finally left about 12:30 am and Air India, bless its little heart, started serving complimentary drinks. After the desiccation of Bombay this was really welcome. My seatmate travels in Scotch. His company manages over 100 others. Comfortable seats – dozed off by 3:00 am." **[Airplane flight from Bombay to Aden]**

Aden Dec. 12 -13, 1960 ([Return](#))

Dec 12 Mon "Arrived (Aden¹⁰³) 5:30 local time after 7 hr. flight. Large no. people get off & slow clearing although formalities were minimum. Rock Hotel not much but expensive, anyway. Had breakfast & killed time until 8:00 then to US Consulate for recommendations for Camera Shops. Went where recommended & after considerable hesitation bought an Exacta, telescopic & wide angle lens, extension tubes, light meter, flash attachment, 20 bulbs, 8 rolls of 36 shot Kodachrome & cases for everything: \$240. If I can learn to use this well I'll get a Leica next time. Went back to room & started learning about camera. Winder stuck. I took it back & he unstuck it. Gradually got the hang of it, loaded it & took a few shots to try it out. Hit the sack early. Not much sleep." **[Aden]**

¹⁰³ Aden is a seaport city in [Yemen](#), located by the eastern approach to the Red Sea (the [Gulf of Aden](#)), some 110 miles (170 km) east of [Bab-el-Mandeb](#). Its population is approximately a million people. In 1960 it was a duty-free port.

Dec 13 Tue “Took taxi to city of Croty nearby on recommendation of a Swiss teacher. Interesting old tanks for water supply. Interesting museum, then across point to little Aden, oasis & camel depot. More pictures and back for lunch. High priced ride – in fact everything expensive here except things like watches, cameras, etc., Tried to find a set of earrings, but they don’t make anything. Finally got a pair of cheap Spanish ones. Then shopped for binoculars and bought medium grade Japanese set. Weight now a problem & I threw away more stuff. Aden passed in a nice golden glow. Had bought a bottle of scotch but had to drink it before leaving. A lovely problem to solve.” [Aden]

Ethiopia (Dec 14 – Jan. 24) (41 days): ([Return](#))

Dec 14 Wed “Well, India had one last fling. They had booked my room for the 11th, so I had to pay for 3 nights although I had stayed only 2. Anyway we made pretty close change by using 4 real dollars & took cab to airport. The bags weighed in at 31 ½ kilos & my raincoat & suit coat are pretty well stuffed too. This is absolutely the limit. Will have to start throwing clothes if I get anything in Ethiopia. The plane took off on time and we landed in **Djiboti** after 10:00 am. **No plane to Addis** had arrived so waited about 2 hours in visitor’s pen – watched Aden Airways loading chat [Pronounced “Kat”]. At last an Ethiopian Airlines plane came unloaded more chat & we took off shortly - **landed at Dire Dawa**. It is then that we found out this was a cargo plane that did not go to Addis & no ship had left Addis all day. We were taken to hotel for lunch, then told there had been a coup of some sort in Addis¹⁰⁴ & if we wanted to go on a ship there was one going. Back to airport, but they had my passport & I wasn’t about to leave without it. So got my bags off and stayed. Ship came back anyway in 20 mins. Back to hotel, got room & waited. Lots of talk around lobby, but no news. To bed.” [Dire Dawa, Ethiopia]

Dec 15 Thu. “Stomach on rampage, plenty of pills. Walk about town with a Lebanese boy from National Cash Resister. Beer, lunch & snooze to kill time. All quiet but no real news & nothing stirring. The Lebanese man is Mr. R. G. Haddad, technical service manager, National Cash Resister Co., P.O. Box 356, Aden. Tel 2767. A very quiet day. They slapped on a car fee & stopped all sales of petrol & nothing but nothing stirred. Went to

¹⁰⁴ The **1960 Ethiopian coup** was the coup d’etat staged in Ethiopia on 13 December 1960 to overthrow Emperor [Haile Selassie](#). While he was away on a state visit to Brazil, four conspirators, led by [Germame Neway](#) and his older brother Brigadier General [Mengistu Neway](#), who was commander of the [Kebur Zabangna](#) (the Imperial Bodyguard), took hostage several ministers and other important personages. Then after taking control of most of Addis Ababa, the capital of Ethiopia, they declared the regime of Haile Selassie had been deposed and announced the beginning of a new, more progressive government under the rule of Haile Selassie’s eldest son, [Crown Prince Asfaw Wossen](#), that would address the numerous economic and social problems Ethiopia faced. Despite a demonstration of support by the students of [Haile Selassie University](#), the other military units remained loyal and worked together to crush the coup. By 17 December, loyalists had regained control of Addis Ababa and the conspirators were either dead or had fled the capital.

bed early & Haddad came & woke me & said the 2 Germans were leaving on the morning train. They had gotten exit visas & visa for Djibouti this aft. & bought tickets on train. **We decided we would look in to the possibilities.**” [Dire Dawa]

Dec 16 Fri “Went uptown with Haddad. Too early for anything to be open, but located French Consulate & immigration office & then stopped at the office of an Italian friend of Haddad’s. **We had met him in the bar night before.** He speaks French and I asked him about the college & after some discussion arranged for a taxi at 2:00. At 9:30 went to immigration, but he said if I got an exit visa I’d have to use it. I decided to go to the college first before making a decision since the next train wasn’t until Sunday anyway. (This morning’s train left promptly at 8:00 & we saw the Germans off). But it seems I need a tourist card & of course, money. I needed a photo for the card & the bank manager wasn’t in, so back to hotel, got photo, back to immigration where it took over 1 hour to fill out a little form & then the Capt. wasn’t there to stamp it. Went back to bank & I changed \$100. Lunch at hotel & back for tourist card but nobody there as expected. So a little before 2:00 started off in taxi. Just out of town flagged down by **Frank Kubisch** who had seen me leave hotel & asked where the hell that guy thought he was going. So paid off taxi went with Frank around town. Got card, saw governor, got stuff out of customs, etc. then out to college & Kendall Hilton.” [In the left hand margin] “Gave mine to Haddad to be sent from Djibouti – no communications” [Dire Dawa]

Dec 17 Sat. “News all very conflicting. Loyalists seem to have the radio station in Addis now. Emperor on way home, but mostly we don’t know anything & communications are all off. Spent part of morning with Bobby Stewart. Had lunch with Vance’s. In aft an excursion to cut Christmas tree & saw a little of the countryside. Hard fry in eve. News beginning to shape up – looks like rebellion will be crushed but at heavy cost to the innocent.” [Dire Dawa]

Dec 18 Sun. “Late breakfast, Sunday school, lunch at the cafeteria with students. Fixed up Christmas tree on stand. Watched locals playing golf, short softball game, then picnic & bonfire + song fest. Vance is pretty good with guitar & songs. News more or less conflicting. Today emperor gave a speech from Addis & peace of sorts is restored. A lot of heads yet to roll. We know nothing of any people in Addis, but no account has suggested loss of American lives. Kubisch had sent a wire to Djibouti to be relayed but, **Jean** of course won’t know when. I am stuck until & unless the Lebanese send my wire. All is peaceful here but staff worried about Somali uprising or local looting & have had night watch all through the affair.

Dec 19 Mon. “Garry Kendall’s birthday (6) a very nice boy. In morning went about lower campus with Bobby Stewart **& collected. In aft. did same.** Had planned to go with Merle Niehouse, but his parents had arrived on plane from Addis. Reports from them indicate it was very rough. They & our other American families we caught in crossfire &

the men separated from the women. Hundreds, if not thousands, killed, looting of homes, bodies stripped and looted in the streets – rumors of some 200 students shot, all ministers of gov't killed by rebels & most rebel leaders shot outright by loyals. **I'm glad I wasn't there & I would have been if my camera had been working. Gave lecture to student body in the eve**¹⁰⁵. Afterwards dinner at Stewart's & drinks at Stewart's after." [Dire Dawa]

Dec. 20 Tue “Toured Agronomy work with Merle a little. Planting rates & dates look good on sorghum, oats a possibility, some N. Mississippi Valley wheats & some from Kenya also good. Not much else. In aft went to Harara with Dr. Kindall. Spent most of time in a market & **got a good amount of seed**. This is more like old times. Did a little sightseeing – ominously, a large number of graves. Beheadings. No one on the hanging tree. Got call through to Addis in morning. Hugh out but left word I was OK & he is expected Friday.” [Dire Dawa]

Dec 21 Wed “**Gave a lecture** to Dr John Glemi's class for 2 hours ranging from livestock marketing to human evolution. This killed the morning. In aft went to Harara again with two Ethiopian boys – Amare Getahim, the botanist and a boy named Johanes. (*Eleusine jaegeri* the main grass for baskets)” – THIS NOTE AT TOP OF PAGE, but not sure where it goes. “Very fine outing. Saw the old town a little better & the grass baskets woven, brought a gijit & a wooded bowl drum for Mrs. Vami. Hope to find a nicer one for Harry. Few more seeds on the other market & pr. of coin earrings. Some photos but cloudy & rainy. To Stewarts again in eve & fine visit over Scotch & etc.” [Dire Dawa]

Dec. 22 Thu “Worked up collection in morning at herbarium, Amare very helpful in ident. If aft went with John Glemi over the pastures and looked at the livestock. One study to give a check – gainability of more or less random local cattle. Another with selected locals at ½ feed and ¾ feed & full. Heard is local but just getting around to a spring calving program & selection to be made by performance. Sheep are local and Merino & a few crosses which will be dropped. Local cattle will be mated to Santa Gertrude. Selection for milk production to be undertaken later. No conditions of work angle. Coffee at Stewarts & aft shot. Out to dinner at the Glenn's & Stewart's also invited. Finished “Black Mischief” by Evelyn Waugh late.” [Dire Dawa]

Dec 23 Fri **Lecture** at [Merl Niehouse's](#) genetics class (plus seminar) at 8:00, then to **Dire Dawa** with Dr. Kindell. `Beautiful day. Went to general market & browsed while Dr. K had haircut, then to where Khat was sold in street. Very hard to get pictures for the crowds. Luncheon at Ras Hotel with beer! Dr. K actually ordered a second. Back up the hill and **a few more collections** on campus & a visit with Bob Hill. Buffet in eve for

¹⁰⁵ This may have been at Dire Dawa University.

Ingersols & Hollands who live in Dire Dawa. Then school children's pageant & talk over popcorn. [Dire Dawa]

Dec 24 Sat **(Did he stay in Dire Dawa, or where? – Adi - Yes)** “ In morning a short trip up valley to the east with Dr. Kindall and a student who spoke Galla. Visited farmers who had a pump and talked crops. Khat is the most important one & gets the best land, the fertilizer and the irrigation before anything else. Citrus is grown for sale. Little is eaten locally. Sorghum is the cereal with some tef coming in. Went in some tenants & took pictures of some of the implements & etc. In aft fiddled while Dr. K faddled with curtain rods. Then to reception for Mike & Mrs Afansiev, to Merle Kubisch's for a couple of Scotches & to Glemm's for Christmas Eve dinner. Drove around campus with spotlight trying to see hyena, but didn't. Put name tags together, etc. Nice eve. Pieces there.”
[Dire Dawa]

Dec 25 Sun “Christmas Day. Up a little early. The Kindalls were really nice & gave me shaving soap, razor blades, belt & wallet set, & bulletin on Ethiopian tools. I had only a friction motor mouse & a Steiff chick for their kids. Big day all over the campus. APO shipment & Beck's Beer had arrived yesterday. To short church service & then coffee at Vance's & up to Stewarts for big dinner, Scotch, a round of golf (shot 55 in 9 holes) beer, supper, beer, and lots of good talk. Charlie Bashan, the Afanesievs, & a Scotsman from the highway construction. A very nice & pleasant day & too much activity to get very lonesome. **I think it is my first Christmas away from home since college days.** [Dire Dawa]

Dec.26 Mon “Up early & packed, breakfast & down to herbarium to get seeds & envelopes. Said good-byes to Kindalls **and rode to Dire Dawa** with Jim & Mrs Walfe. Out to airport by 11:00. Had too much luggage, but John Thomas came by and weighed in my seeds & envelopes with him. Plane on time at 11:30 **& arrived at Addis Ababa** after slightly bumpy flight on schedule. Hazel Rouk met the plane and took John & me to their house, lunch & then to Bonnie Nicholson's in some compound, good talk & then Hugh came & an Ethiopian named Tesfy (story on him: “the natives will have white meat tonight”). Lots of talk about the rebellion & then Hugh took us round town & showed us the damage which was amazingly little. Crowd at the square waiting for a hanging. Back to house for supper, Scotch & talk.” [Addis Ababa]

Dec 27 Tue Out to Hugh's office & visit with Nicholson & met Lorenz who knows Bill. One delay after another. Had intended to go to Bishoftu, but didn't & back to Rouk's for lunch. In aft. back to office & **out to market** with Hugh's Ethiopian assistant. **Got pretty good collection** but rather standard. Back to Rouk's & good visit about spices, medicines, uses of plants, etc. Dinner & scotch all very fine. Tesfy had a new one today – an underdeveloped country is one with the slogan: “Yankee go home, and leave us a loan”. [Addis Ababa]

Dec 28 Wed A session in office & left passport & photos, etc. for visas & visa changes with Ralph Skinner. Then an outing with Hugh & Hilu, his assistant, **past Bishoftu to Koka Dam** site & luncheon at Hotel there. Back to Bishoftu & short visit on station. Variation in wheats is terrific & there should be some good marker genes. Tef & safflower grown together a lot on the slopes of the Rif Valley. Pretty good farming. In eve more Scotch & visit about plants & names & etc. Hugh has some beautiful sketches & preliminary material on Korrarima (*Afromonum corrorima*) [Ethiopian cardamom]¹⁰⁶ & tef & other subjects like civet cats. Hope he works them up.” [Addis Ababa]

Dec 29 Thu “In morning to plateau **NW Addis** with Hilu. The barleys here are as messy as the wheats south of Addis & lots of wild oats & the Pennisetums used for baskets. To commissary & 5 boxes of cigars & 1 of Scotch for gifts. I owe \$22.60 to Mrs Rouks. Lunch at Rauks. In aft went shopping a little art crafts shop had small drums with the hair still on them, which were interesting, but thought I’d wait & see if they had double ended ones. Nice big baskets, runs, old leather shields etc. Didn’t buy. Went to school where dolls were made – very expensive & not anything special. Was dropped off at barber shop, but it was locked. Had a beer in Ras Hotel bar & back for haircut, taxi out to Rauk’s. Took Rauke & John Thomas to dinner at an Ethiopian Restaurant. Shaped like big Tukel, nicely decorated, good wat & injera & tried out the Tej, all pretty good.” [Addis Ababa]

Dec 30 Fri “Up a little early (6:00) & off to catch the plane to **Jimma**. Plane full & made seat – couldn’t see much. Arr. Jimma about 9:30. Met by Dick turner – shown about the place by Lewis Meisner - lunch at Turner’s in aft out to expt. farm with Ato Melak – interested in noog & tef. Got 19 noog collections with great variability. Discussion about his graduate program. Dinner & eve with Tom Seigenthaler. Bath & bed at Meisner’s.” [Jimma]

Dec 31 Sat “7:30 breakfast at the Marvin Barnum’s. He taught 9 years at Cleveland - is teaching biology & chemistry here. After many delays and some aimless wandering took off about 11:00 for a trip in landrover. Bob Meisner, Guy Beard, Tom Singenthaler and Ato Milak took high road to **Agaro** and back the low road. High point was 8500 ft by the altimeter. Nice excursion, beautiful country, good farming in general. Lots of enset, tef, wheat, barley, corn, sorghum. Stopped at one village to get a plant list but it was short. What Andy called swordl bean is scarlet runner bean. The great man can be wrong. Road was rough but not bad. Got back almost 8:00 pm. Quick bath, change clothes & down to hotel for dinner with the entire staff + children. To bed by 10:00.” [Jimma]

¹⁰⁶ *Aframomum corrorima* is a species in the ginger family, Zingiberaceae. The spice, known as **korarima**, **Ethiopian cardamom**, or **false cardamom**, is obtained from the plant's seeds (usually dried), and is extensively used in Ethiopian and Eritrean cuisine. It is an ingredient in berbere, mitmita, awaze, and other spice mixtures, and is also used to flavor coffee.^[3] In Ethiopian herbal medicine, the seeds are used as a tonic, carminative, and laxative (Wikipedia).

- Jan 1, 1961 Sun “**One more month to go. It’s been a wonderful trip, but too long.** Late up & over to Seigenthaler’s for breakfast at 8:30, visit & to church with Barnum’s & lunch with Turnin’s. In aft processed seeds, supper hamburger fry with all present, visit with Turner’s & to bed. Lazy day, but caught up on rest a little & ate too much.” [Jimma]
- Jan 2 Mon “Not a lot stirring on holiday. Visited more with Seigenthaler about plants, took a few pictures, etc. In aft went to the Monday market at Socca about 14 miles away. Big crowd in open grassy dell. Grains, spices, cloth, clothes, butter, almonds, jewelry, etc. for sale. Collected some items & took some pictures; bought a silver comb for Jean’s hair & two lion claws for the boys. A very interesting market. Lunch at Campbell’s. That eve out to the farm & dinner with the Evans’ & after that to Campbell’s for Scotch & listen to ball game. Reception bad so we just drank Scotch.” [Jimma]
- Jan 3 Tue “Left not long after breakfast in Landrover with Bob Meisner, Tom Seig, Marvin Barmun & Ethiopian student for the highlands beyond **Nada**. This village looked neat & nice, the subgovernor was holding court so we are asked to stop on way back. On up into the highlands **collecting mostly ornamentals**, etc. Ate lunch & called on Abu Demina, an old farmer on the hilltop (elev 2450 m) sat in his tukel while his wife roasted coffee (can metal) beans, ground them in mortar & made a strong brew with lots of salt in it. Looked over farm and got a fairly long plant list, although he buys his spices. The wheat looked extremely good & he said it was the best year he could remember. Returned to **Nada** & saw subgovernor, drank some (too) new Tala – barley beer with the *Rhamnus prinoides* for hop. Picked up hitchhiker & came back late for dinner at Lloyd Wiggins’. Hugh was there & fought the battle of Addis again. He makes it different each time to relieve the monotony.” [Nada]
- Jan 4 Wed “Hugh late getting around & visiting people so nothing until after coffee. Then out to **Buda Bunr**¹⁰⁷ [Google can’t find], the coffee forest¹⁰⁸, to look at variation in tree types, fruit & flowers etc. Correlation of characteristics more or less as: short, flat, berry with medium or large scar turning yellow before red, erect short branches, rapid & thrifty growth, large flowers & less disease. Lunch at Meisner’s & the battle of Addis. In aft went with Hilu to a farmer nearby & got plant list & saw the Korrorma growing & a few new items. Down to hotel & a Scotch; back to Campbells & 2 Scotches the battle of Addis & dinner. Another Scotch & the battle of Addis. To bed by 11:00.” [Nada]
- Jan 5 Thu “Caught up on notes a little. Looked in herbarium & identified a few of the collections of 3I61. After coffee went out with Tom Seif. & saw coffee nursery area of some 400,000 seedlings under shade & coffee variety trials at 3 locations, also coffee processing plant on the farm, grass & sorghum plots, etc. Lunch at Barnums &

¹⁰⁷ Buda refers to an alien “evil eye” people, but I could not find Buda Bunr as a place.

¹⁰⁸ The Ethiopian coffee forest refers to wild coffee plants which produce a unique Ethiopian coffee. This resource may be completely gone soon.

- afterwards with Lewis Meisner to **Jimma Market** [Google: **Jimma is 43 miles from Nada**]. Nice long plant list & some items to be added to Anderson's list. Lots of people. Bought a Coptic Cross¹⁰⁹. Went by City Lake and saw a couple of Hippos. Back for what was scheduled as a conference, but turned into a compile in Rouk's hotel room. Dinner at Singenthalers with a heavy one first. After dinner Bob Meisner came over for another "conference" which turned out to be another Battle of Addis." [Nada]
- Jan 6 Fri "Processed seeds & brought up notes; packed. Hugh in conference etc. until after coffee. Took off about 11:00 am. Nice drive to Addis, ecology interesting clayey, poorly drained soils, almost without trees. Acacia – Themedora & other grasses on much of the other sites. Much burning going on & even very steep slopes burned. Some big fires. Lunch on the way. Stopped at "Banana Bend" near Big Cribbey to shop for Tukul stool. After much dickering got one, also basket of limes for the Roukes. Some of the ladies here don't wear many clothes. Stopped for beer about 5:00 & on in by 7:00. [Addis]
- Jan 7 Sat "**Ethiopian Christmas**. No help around the house. A Dr. & Mrs. Holmar formally of Kansas & Montana in Poultry now at Khartoum came & Rouke & 2 others drove them to Bishoftu to see the chicken project. Another damned beautiful day. Back for lunch & in aft completed list of plants sold in markets. Hugh began to worry about the ice trays being empty & hoped the help would be back soon. Started learning the **Geeze** [Google: **Ge'ez**] alphabet in eve. [Addis]
- Jan 8 Sun "Tried to sleep in but out of the habit. Ate before my hosts, packed up seeds for shipment. Hugh took pictures of Makaley (cook) in his Christmas sweater with his Land camera – also of whirly gig made by village boys I had bought on the way up from Jimma. It is made of sorghum pith & might be used for something. In aft a Sunday drive through lovely highland country in the direction of Ambo. In eve a little more **Ge'ez**. There are 7 forms of every letter, but it doesn't look too bad & making a little progress." [Addis]
- Jan 9 Mon "Up to Hugh's office to see about red tape. Ralph Skinner took the seeds, but nothing had been done re visa or tourist card. So worked out schedule to go home, went to US Embassy & got my passport. Also, signed for seed shipment. Hilu & I went to immigration at 11:00 & by 1:00 had extension on tourist card. They said visa didn't matter. Hope they are right. In aft back to office & at Hugh's request tried to get home trip put off 2 days late. They'll work on it. Uptown to look for drum – all out. I should have bought the hairy one. Back by 4:00 to give a talk to their agricultural group. Seemed to go O.K. In eve dinner party at the Nicholson's which adjourned about 10:00 since we are to get off the ground by 6:00 am tomorrow." [Addis]

¹⁰⁹ Years later (1970-76) I wore this cross on a chain around my neck. It was silver and pretty ornate. HVH2

JACK R. HARLAN EXPEDITIONS – EXP. # 2 – IRAN, USSR & ASIA – 1960, 61 Trans

Jan 10 Tue “A big day. Wake at 4:00 & couldn’t sleep since we were to awake at 4:45. Anyway Hugh’s alarm finally went off, we got up, had breakfast & were to airport just before 6:00 & took off with Capt Temple flying just over the tree tops down the Rift valley. Saw range expt. & controlled grazing with selected local cattle. Looked good from air. Down the valley to salt lake with thousands of flamingos, pink in the early morning light! Landed at Lake Awaza for short time, noting peasant culture on way in flying low. Then on to **Lake Margarita** & saw groups of crocodiles, some hippos, a big wart hog with his ivories flashing in the sun, a huge hyena, lots of bush buck, baboons & other wild life. A large & muddy lake, then past another & into some extremely rough mountains, terraced to the very tops by Konso tribe. Circled among the mts, but pictures probably no good because extremely rough. Then across low, hot desert – Acacia grassland, then over to **Sadu & landed**. Talked to Missionaries a little. Great area for enset. Off again over **Maji**, an impressive village perched atop a mt. & then over vast expanses of forest - real big tree & jungly forest. Got lost. Finally found a strip & went back to **Jimma to refuel**. Got lost again & missed Jimma. Lost an hour looking. Landed, refueled, ate sandwiches & took off for **Gambela via Gore**. (Google Earth dist. from Gambela to Maji ca. 150 miles, but really no real roads.) From Gore on very rough & barren & hard over finally at Mission (Presbyterian) at **Gambela**. (Google Earth: Gambela to Gore 145 miles over very rough roads) Only 25 mins. on ground. Looks very interesting & hot & humid. Off by 4:20 & climbed high, still a little rough, but the worst was over. Over impressive high plateau farmland & **eventually Addis by 6:30**. One of the other training planes not heard from & feared downed or crashed. The other caught by darkness & stayed at Jimma. We were the lucky ones. A very long and tiring day, but very interesting & informative. Headache soon cured by Scotch and/or aspirin. Reset date for the trip home; looks like Feb. 2 instead of earlier. Got tickets for Gondar.”
[Addis]

Jan 11 Wed “To airport by a little after 7:00 & off in commercial plane by 8:00. Stopped four times on way to **Gondar**. Flew over high plateau heavily farmed & thickly populated & desiccated by deep gorges & canyons. Beautiful & interesting mostly cereal country, barely, wheat, tuf, Nug & peppers could be identified from the air. Very little inset, bananas or jungley gardens here. Probably too high & too cold but also different people from on the southern plateaus. **Gondar** proved to be a pleasant little town with the best hotel in Ethiopia. Went to market & found most of the usual plus large amounts of honey in skin bags & a new fruit called ‘Ishe’. Called on Director General & found the castle of King Fasil from days of the Portuguese paint four mission. The guide said the King had said ‘You came to help us and you were welcome, but when you tried to change our religion you were not longer welcome, so he cut off the right hands of the Portuguese workers & sent them home.’” [Gondar]

Jan 12 Thu “Went out to see coffee nursery in taxi with county agent. This is not coffee country, but every governor wants coffee in his province. There’s money in it. Stopped

JACK R. HARLAN EXPEDITIONS – EXP. # 2 – IRAN, USSR & ASIA – 1960, 61 Trans

on way back & visited medical training school, started same time as Jimma. Dr. Rosa in charge. Has same problems as Jimma. Strikes, no pay, budget troubles, lost 10 out of a staff of 20. Still carries on. Back for early lunch at airport. Off by 1:30. Flew straight over **Lake Tana [near Gondar]** to **Bar Dar** & back by way of **Delue Markos [these last two may not be towns but houses.]** Same lovely farming country. Processed seeds. Cocktail party at Bowdesh's – the first since June 13 at Lieshman's, Tehran. About right." [Addis]

Jan 13 Fri "To office with Hugh & discussion with Raoph scinner about tickets etc. Got refund on ticket to Gondar. Visited with Connie awhile & then went to Embassy to talk over lawn problems with Ambassador Richards. Very pleasant fellow, but little or no water for lawn. Not much they can do. Long visit with Mr. Bowden at his home on landscaping etc. Bought cards of Ethiopian primitive art. Saw drum but didn't like it; purchased some supplies at commissary. In aft went to grain market, brewer's market, ?? market etc. Hiked down to Ras Hotel for a beer & took taxi to Rouk's. The ticket was bought & scheduled set up to be in Tulsa on the 2 Feb. We shall see." [Addis]

Jan 14 Sat "Latish up, got letter off to Jean, wrote Adams about jeep, Sherry re plant trip. Went shopping with Hazel Roule & finally bought a drum. This has got to be all. After a little sight-seeing back to Raule's & packed all I need to go home. Weighed it on bathroom scale. It is 70 lbs. including the tukel stool. I think I can get it by, but if I get anything more it will have to fit in my pocket. I can reduce the weight a couple of pounds by throwing more away. All my field clothes can go, my worn out shoes, some red tape, etc. I can put more in my pockets. Wrote Schlehber, Edwin & Mildred & Mammor [This is what he called his mother.] Still some to go. Went out to airport restaurant for dinner. Very nice."

Jan 15 Sun Up a little early, all packed etc. & down to RR by 8:00 AM. The usual long wait, but apparently if you don't show they take away the reservation. Latrine (flat) left at 8:50. Train trip to **Dire Dawes**. An interesting ride. Game scene included mongoose, wart hog, several kinds of antelope, Dik-Dik & many interesting birds, game & otherwise. After dropping into the Rift farming less secure & much rangeland infested with brush & cactus. Stopped at Awash for lunch, didn't need to bring any so had a beer with my sandwiches. Merely paused to whistle at most stops. Arrived **Dire Dawa** a little after six & met by Kubicheks. They took me to Ras Hotel for a couple & dinner, then up the hill to Alemaya and a room at their place. The Kindell's little girl is ill. Plans for trip had to be changed so I could get back to Addis on Sat." [Dire Dawa]

Jan 16 Mon "Visited with Ronald & Claudius Kubichek for a while. Nice kids & interesting conversations. Then to Stewart's office & more visits, coffee, & back to herbarium to look at a few plants. At noon to Gibsons for lunch. In aft Stewart, Merle, Bob Gibson, Ch. Bushan & Tom Singenthaler (visiting) & I went on drive some 15 miles beyond Harar to Errer Valley to look at country & Gibson wanted to take a measurement at "Banana

Bend” for a fellow who intended to irrigate a mango orchard. In eve to Nahouse for drinks & dinner. Afanosiev & Stewarts also present. Very nice evening of visits with people. Went for a drive to see an area where someone wanted to irrigate a Mango farm, more visits, back for drinks and dinner.” [Dire Dawa]

Jan 17¹¹⁰ Tue “In morning went with Mike Afanaosiev to see arboretum & tree work, assembled everything & visited with Dr. Kindell, etc. Finally about noon Frank Kubicek’s two boys called ‘Mike’ & ‘Almasagan’ and I took off in pick up & trailer for the **rainforest**. Brakes went out almost immediately but went on in low gear. Reached camp by about 4:00 and I took hike through woods while camp set up & the other 2 cars arrived. Forest rather hacked & burnt but interesting orchids, ferns, succulents, many kinds of birds & lots of bush back. Evening of beer, scotch, & poker in special recreation tent. Light plants¹¹¹ & oodles of unnecessary gear. [rainforest]

Jan 18 Wed “A few were up early & went hunting. I got up a little later & went birding in a different direction. When I got back breakfast was over. The hunters got a bush buck. Packed & got off by 9:00 - over road built along national terrace of mts. at about 8200 ft. elevation. Some sites had fine old *Podocarpus* & *Juniperus* trees. Had lunch & visited some highlands & shortly thereafter hit a steep slope & brakes went out again & the gears didn’t hold & Frank drove it into the rock bank & rolled in over gently with all four in the air & trailer too. Found I was OK & smelt & heard gasoline, so got out in a hurry & pulled Ronald Kubrick out. Frank got out the other side & the boys riding in the back had jumped. Altogether handled well and/or lucky. Unpacked all & righted trailer & truck. Reloaded mostly in Landrover & crept slowly down hill. The thing went out of control a second time, but in a lucky spot & Frank (alone this time) drove it into a ditch & out in to a field. By this time he began to lose confidence & before long we camped at a fine spot. Light plant went out so no poker & probably a good idea. All to bed early and we can’t say this wasn’t a good day!! There could have been some to bury.” [Rainforest]

Jan 19 Thu “Leisurely, rising, eating, packing & off down the hill at 9:00 am. No troubles this time & reached village at foot of hill & left the wrecked pickup & trailer & considerable gear with the police. This took quite a while & the police lieutenant wound up by buying us a round of tej which was very good. Drove on through once-forested country now heavily farmed. Stopped at stream for beer & bread & on up to highland bridge – Beautiful scenery & vistas off across the plains. Large cedars & Podocarpus trees. Camped on ridge. Lots of wood & nice site. A little poker in even & to bed early enough.” [Out of rainforest & near the plains]

Jan 20 Fri “Off again at 9:00 over high country & along hog backs looking down into lovely valleys intensively farmed. Sorghum, small grains, horsebeans & chickpeas most

¹¹⁰ Eisenhower allegedly orders assassination of Congo's Lumumba

¹¹¹ This appears to be some kind of lighting device. See next entry.

common. Looks like coffee could be grown. Near 10:30 reached Heerna & found we had passed the road. Went on back & turned down into the lowlands. Lunch in dry wash under acacias, then on over rough roads & a couple of police checks to **Error (Not too far from Dire Dawa)**. Saw HIM fruit farmers & took bath in hot spring bath house. Drinks & poker in eve & dinner at hotel. To bed at a reasonable hour. **[Error]**

Jan 21 Sat “Up 6:30 & showered in bath house, breakfast at hotel & off by 8:00. Stopped to see an Italian gardener. He had cleared a patch out of thornbush & was raising vegetable for Dire Dawa. Saw some interesting game & birds. Reached Dire Dawa about 10:00 and bought EAL ticket. Had a round of beer at the Ras Hotel & out to the airport for a long wait & late plane, which got off by 12:00. Smooth flight & met by Hugh. Lunch, some preparations, sorting and processing seeds, etc. Supper, visit with Bonnie, & to bed.” **[Addis]**

Jan 22 Sun “Up at 5:00 am. Cup coffee & out to Trinity Church while still dark. Choir chanting with drums & ‘cymbals’, but no wedding. About 6:30 people connected with wedding began to show. We went in and & were ushered to the front. At 7:00 two parties entered led by two little candle girls & two little boys with candles as tall as they. The parties approached the front in procession. One little boy blew out his candle & then blew out the others. There was much chanting & rituals. One little girl went fast asleep. More chanting. The little boys started sword fighting with their candles & were separated. More chanting. At 10:00 they performed double ring exchange (3 couples present by then), then were crowned with golden crowns except they were one short & had to shift about & they were anointed with oil in crosses on their forehead, chin, each cheek, back & palm of each hand. The bible was passed to be kissed & a sermon given & more chanting, finally ended after 11:00. We then joined procession & went to Bride’s house for breakfast. Got to Hugh’s about noon, light shade about 1:00 & sacked out from 2:00 to 5:00 first time in a long time. In eve snack & off to groom’s house at 8:00. Large crowd dinner & drinks. U.S. Ambassador, Israeli ditto, & lots of Pt. 4 people. Finally left about 11:00”. **[Addis]**

Jan 23 Mon “Up a little early & all packed. Out to Hugh’s office & got refund for Dire Dawa-Addis plane ticket from Ralph Skinner. Fiddle-Faddle & found Minister not in town. Back to pack up Landrover & finally off by 11:00. With late start drove straight through except for lunch stop & one beer stop. Got to **Dessie** about 6:30, which was good time. Beautiful high plateau & small grains with some winter pulses. Then ‘**Mussolini**’ Pass (Uarieu Pass) & down to **Lake Sima (GCF)** & into lowlands with sorghum most important. Large new land scheme underway. Finally back up to plateau & change in crops & climate . To bed a reasonable hour. Few collections.” **[Not sure where he is]**

Jan 24 Tue “Up before 7:00, breakfast & off by 8:00. This time over several high passes & snaky roads. Very heavily farmed even on steepest slopes. Lunch by lovely lake &

more passes. Sorghum & cotton in lowlands, small grains in highlands. In late aft came out into altogether different country. Highland plateau looking like Wyoming near Laramie. Village of rock like Asian highlands & although much more level, less intensively farmed. Reached **Kimka** about 5:00. Found nice hotel with fleas & inadequate plumbing.” [Kimka]

Jan 25 Wed “Up at 6:00 & off by 7:30. Across the **Tigrean Highlands**¹¹². Small grasses & sorghum almost entirely. Country got drier & drier & the steeper sloped appear strictly marginal. Good job of terracing generally & pretty fair dry farming. Turned off to **Adua**. The site of the famous battle in the time of Emperor Menelik II & on to **Aprama**. The monoliths impressive, especially the one that had fallen & broken. Saw tomb of Ras Sayoum – martyred in the December revolt. & site of feast day before the 40th day of his death. Easy aft. Met son of Ras Sayoum in eve at Hotel. No collections & this not market day. Should make it to **Asmara** in good time tomorrow & my last stop in Ethiopia” [Aprama]

Jan 26 Thur. “Up before daybreak & off by 7:00. An easy drive through **Tigrean Plateau** to **Asmara** by 10:30. Wasted 2 hrs at Pt. 4 mostly to get PX cards. Left passport at U.S. Consulate for exit visa & went out to air base for lunch. Tried on suits for some time. The nearest fit was 42.37 long but it is pretty small & not very nice color. It is a wash & wear. However, took it to tailor for fitting & bought Hugh a box of cigars & paid him \$30, considerably more than I owe him in cash but not nearly enough considering how much chow I ate. In late aft went to market & made last collections, walked back to hotel & processed & packed the seeds. Served up German camera in box, rearranged stuff & discarded nearly everything I didn’t really need. To air base for supper but not to bed before 11:00 pm.” [Asmara]

To home by way of Cairo, Israel and Rome (Jan. 27 – Feb. 2+, 1961): ([Return](#))

Jan 27 Fri “Stirred early & finished wrapping the clarus. After breakfast too all packages out to base & sent APO. Seeds, 2 cameras, & 1 bermudagrass. Picked up suit & put it on. Got out at Consulate & picked up passport with exit visa & walked back to hotel, Check in at EAL on way. All in order. Checked out & went to air base for cocktails & lunch. Then to airport cleared & left about on time. **A very fine trip in Ethiopia & finally on way home.** Interesting flight to **Khartoum** across desert. Got necklace at Khartoum terminal. Then on to **Cairo**. Have not had much sleep.& was out of sorts. Fretted at the usual delays, bawled out the clerk at Nile Hilton because he couldn’t get Air Jordan, etc. Nice hotel but I was in a foul mood. To bed by 11:00 but did not sleep well.” [Cairo]

Jan 28 Sat “Kept waking up. Called clerk at 4:00 to see if local time was different from my watch. Finally got up at 5:30 packed & tried to call Air Jordan again. No resp. So

¹¹² An area to the far north end of Ethiopia

checked out with some fuming over the bank teller & took cab to airport. Air Jordan people very nice & took over & got through customs but they did not tell me which waiting room to go to & they had to hold the plane 10 minutes while they looked for me. Nice flight to **Jerusalem** where met by a PRO from the Ambassador Hotel. Will probably get sucked in & hire him because time is short. Washed 2 shirts & some socks. At 2:00 pm met the guide & we drove through “downtown” Jerusalem past Gethsemane & Mt. of Olives to Bethany. There visited a new RC Church erected on site of Crusader Church erected on site of 4th century Byzantine church on the traditional site of the home of Mary & Martha, sisters of Lazarus. Mosaics of both former churches present & pillars of the 12th Century Crusader church. New church has brilliant mosaics of stories about Martha & Lazarus. Saw tomb nearby which is shown to tourists as the tomb in which Lazarus was put. Then on towards Jericho, stopping at the “Good Samaritan Inn”, which is a late structure around an old well. At **Jericho** saw the Jordan, a little muddy creek – an Aralian Palace being excavated & partly restored & the mound of old Jericho & Miss Kenyon’s digs. Went to bottom. Lots of carton there, but hard to tell how she made out such a large “city”. Too dark & dray for good pictures. Went to Dead Sea. Coffee at Lido. Sea going out rather fast. Back to hotel in the dusk. Dinner & early to bed to catch up on sleep.” **[Jerusalem]**

Jan 29 Sun “Slept right through to 5:30 – napped until 7:00. Dull, grey day but decided to hike about anyway. Walked through “downtown” & past Damascus Gate. Took pictures of valley of Kidron, 16th cent Turkish walls, but of olives & “Getsemane.” Took short tour into old city; walked down & across Kidron & up Mt. of Olives, turned back on Jerusalem & hiked out across hills of Judea. Man warned me about trouble with Arabs, I went on anyway & at village of Esaweyan ran into old familiar trouble. I was invited to dinner! A fine little family – Shawkat Ali Shalale, his wife, two boys 9 & 7 & tiny girl aged 2 months living in one room. She cooked dinner on two primus stoves & one charcoal stove. It was terrific! Rice mutton, sautéed cauliflower w. onions, etc in one dish served with yoghurt, radishes. Olives & pickled turnips. A wonderful dinner. I complimented the man on his wife’s cooking & he said he bought her for 200 pounds & I said he got a bargain. They both laughed over it. Finally tore myself away in time to be just a little late for appointment with guide at 2:00 pm. This time to old city. First stop the Roman bath where Jesus cured a man on Sunday (Sabbath, i.e. Saturday). A crusader church built over a Byzantine church which was built over part of the Roman “bathhouse”. A tremendous excavation required to reach Roman material & this more like a cistern than a bath. Still rather convincing & the Crusader church the best preserved of its kind. Next, Dome of the Rock, mosque being repaired, but very impressive anyway – also area of the old Temple, which covers 1/6 of area of Jerusalem behind walls. Then to Al-Aksa mosque also built in 7th century & much of it recently restored – very fine work. Then to wailing wall where stones of Solomon’s Temple are still showing. Then ramble throughout city – bazaars & lanes – very familiar &

comfortably cleaner than most in near east. Eventually out Damascus Gate & back to hotel. A fairly tough day. Drank full bottle of local wine, napped, bathed & felt much refreshed.” [Jerusalem]

Jan 30 Mon “The usual awakening at 3:30 am or thereabouts. Getting to be a habit. Dozed off to about 6:30 & got up. Drizzling rain. Guide came at 8:30 & drove to top of Mt of Olives & Shrine of the Ascension. Muslim property but Christians celebrate the Ascension on two days a year – one for Georgian calendar & one for Julian calendar. Crusader Columns inside old Byzantine church & when Saladin took Jerusalem 1187 he respected the shrine enough to put a dome on it without either a cross or a crescent. Fine view of Jerusalem across Kidron. Then to the church of the Agony & small fragment of Garden of Gethsemane. Franciscan church built over rock where Jesus was supposed to have prayed that night, also near Byzantine church in fine mosaics. Then to tomb of Mary & Joseph Orthodox, despite tradition that Mary ascended bodily into heaven. Then to Bethlehem, view of shepherd’s field & church of the Nativity. This is mostly the actual Justinian church build over the Byzantine one. (When Persians took Jerusalem about 1114, this is the one church they did not destroy – tradition has it because Magi depicted in Persian dress). Altar is Greek Orthodox with one row for the Armenian. Grotto below supposed to be the manger, etc. Next door is church of St. Katherine for R.C. with tunnels & crypt below. Cell of St. Jerome where he worked on Bible translation & cloister above. Church of Nativity said to be the oldest church in the world as a church & dates from Justinian 6th Cent.? Bought some souvenir jewelry & came back to hotel. More site-seeing in afternoon, all of it described with some commentary about how some of what he saw seemed to be true and some is fake. “It is all such a strange mixture of fact plausibility and downright fakery; that is disturbing. As a Christian I want it to ring true, but only some of it does; the rest is a chulkers. Bought some slides somewhere along the way & then back to hotel.” [Jerusalem]

Jan 31 Tue “Up late, packed & checked out. Met driver a little before 9:00 & went to Rockefeller Museum. A very fine building & excellent displays but seems to slight the Agricultural Revolution & to some extent biblical Archeology; perhaps because I am most interested in these. Some of Dead Sea Scroll material on special exhibit for extra fee. Very interesting to see what they have to work with & how uncertain early texts are. Left just after 10:00 & went to airport. Passed customs, paid the driver * changed the remainder into Libres Libenaises. A very expensive stay in Jerusalem but I am glad I took the chance. Smooth flight to **Beirut**, the only peculiar thing being that the plane left 25 minutes early! The man in seat in front of me explained to his wife: “Mais C’ent ridicule! On ne peut pas partir en avance!” But, oh yes you can. Not having a Lebanese visa was no problem nor was customs. Room at Bristol expensive. I’m evidently back in “civilization”. Hiked downtown, quite a distance. To Pan Am & checked over the flight plans. They didn’t have my name, but all O.K. I am wondering if TWA has ever

heard of me. Did laundry & curled up with a bottle of wine for the eve. An excellent smell at hotel, but price lie stateside. I need breaking in more slowly. Still, an interesting & bustling modern city of French-Arab blend.” [Beirut]

Feb 1 Wed “Dull, rainy & disagreeable out. Decided to cut the sight-seeing & loaf. I’ve seen enough sights in 10 months. Would have like to have seen Baalbek, or the cedars or something, though; not used to being idle. Rain let up in aft & went out. Got only as far as AUB & it started in again. Bought a paperback & returned to hotel. Finished wine, had supper & to bed.” [Beirut]

Feb 2 Thu “Clock-watched most of the night as expected. Up a little before 5:00 & called for breakfast. Bill rather outrageous, but should be the last. Pan Am bus on time & formalities at minimum, but ship delayed. Got off at 8:30 – late. Ride to **Rome** tame. Could have had full breakfast but already had a continental one at Hotel, so had another. Rome to **Paris** only 1 hr 45 minutes so had “finger sandwiches” coffee & champagne with 2 scotch on the rocks + 2 champagne which caused Paris to pass in a golden glow. Bought 2 Chartreuse & 1 Benedictine at airport. After Paris got down to business. 2 Martinis Hors oeuvres + caviar + lobster + foie gras over truffles and white wine in fact lots of white wine, a lovely turtle soup, lobster thermidor & more white wine & finally both Construe and Benedictine. Can’t exactly compare PAA with SAS but noticed a PAA folder at end of cabin that said PAA PAA about 4 feet apart. After breathing hard for quite a while it said PAA. Still I don’t think the Americans have quite the touch for these things. The North Atlantic is full of ice & “bien formidable”. Hope I don’t have to “land”.

FINIS

[\(Return\)](#)