

This is not really a transcript. Some of it is, but a lot of the entries are just brief descriptions of what happened. [HVH2]

Expedition No. 8 (Oct. 24 – Dec. 21, 1970)

On this expedition Harlan is trying to start a Germ Plasm Resources Center in Ethiopia. This author cannot determine why he was doing this. Was it his idea, or did he attend a conference somewhere and people were saying that they needed this kind of thing, or was he sent by his department? During his previous expedition in 1969-70 he had some very promising conversations with Ato Melak of Haramaya University (AKA Alemaya University) in Dira Dawa, Ethiopia about starting a germ plasm center in Ethiopia. This is his third trip to Ethiopia (prev.: 1960 & 1969-70). Another goal of the 1970 expedition was to visit & evaluate the center in the Mediterranean region which was started in Turkey in 1964. This idea was first promoted in 1957-58. This does not seem to be a collecting expedition and his efforts to start a Germ Plasm Resources Center may have largely failed; however, his efforts were to bear fruit at some point. Jack Harlan was not playing his strong suit: motivating others to start some new enterprise. Between Ethiopia & Turkey he attends a meeting in Rome. But he does do a little collecting on this expedition. See Nov. 13 & 28 entries.

[NOTE: JRH IS KEEPING A SECOND LOG BOOK WITH LISTS OF PLANTS AND AT TIMES REFERS TO IT. SO FAR, 4-8-18, ALL I HAVE DONE IS SUMMARIES OF THE TRANSCRIPT. I SHOULD TRY TO TRANSCRIBE THE WHOLE THING. But, this seems hardly worth the effort. HVH2 I am going to transcribe selected portions that seem to be meaningful. HVH 11-26-18]

[Front Cover of Notebook (red page 1):]

ENGLAND – ETHIOPIA – TURKEY

W. Derek Clayton

Royal Botanic Gardens, Kew, Richmond, Surrey, England

Telegrams: Kewgar, Richmond, Surrey

Tel: 09-940 1171

Mike & Sue Gilbert Botony at Addis

USDA Plant Inspection Station

14th St. and Independence Ave., S. W.

Auditors Bldg.

Washington, D.C.

Attn: Mrs. M. L. Haines

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

Debre Zeit

Office phone 38026 Zewudu Oumer Ato.

Sir. Otto Frankel

P. O. Box 109

Canberra City 2601

'A. C. T. Australia

Leslie Stewart Pickard

Sir Alexander Gobb & Ptns

Box 30020 Nairobi, Kenya

Tel 22544

[page 2]

Home home 217-356-4138

Office -333-4376, 4377

P. J. Pickel, Chief Coop Ecology and Genetic Resources Unit. Plant Prod. and Protections Div. FAO

Via delle Terme di Caracella 00100 Rome

FOODAGRI RO ME

Te: 5797

Pichel C 788

Bennet C786

Leon C792

U\$650.00 in Ethiopia

[page 3]

SUDANESE CONTACTS

ABDELHAFEEZ A EL-RUFAIE

A.S.I.I.A. 5757 Woodlawn, Chicago Ill. 60637

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

Dr. Ali E. Kambel 33282 33804

Mahmout Amet Mahout. Abu Nasma Res. Sta.

Ballal Abdel Mottalib (U of Arizona grad.)

Gezira Res. Sta. Wad Medani (knoriz Kurtz)

ETHIOPIAN CONTACTS

Dr. Melak H. Mengesha, Dean HIS Univ. P. O. 138 Dire Dawa

?erge Mekasha Dir. Inst. Ag. Res Addis Ababa

Ato Kebede W. Senbet (acting in charge Debre Zeit)

Ato Zewedu Oumer (Debre Zeit, Kansas State Ms)

Ato Bekele Tullu (our guide to Kanbalcha)

Ato Berhane (my guide to Donso) Gebre Kidan

Dr. Paye,

Redesse Ebba Botanist in Herbarium

Ato Josef (Harry's friend)

[page 4; note at top of page:]

Sudan Interior Mission Ras Tesemma Sefer / Box 127

East H. Q. 12348 / Area Director 41214

[top line] Prof. Stanislaw Chojnacki, curator Inst. Eth. Studies

(ask re Hallpike, C. R.'s thesis on Konso)

Mr. Monte Parr, American Mission Demibidolo

Dr. Don McClure, Amer. Presbyterian Mission, Addis A.

Rev. Harold F. Kurtz “ “ “

Rev. William L. Murry, Baptist General Conference Mission “ (Addis?)

Mr. Hodges, Sudan Interior Mission, do

Al Temple the Pilot

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

Haldcroft, Chief of Mission AID

Holms, expediter (Black American)

Dr. Degnachu Inst. Agr. Res. 17128

England

Dr. Cohn (&Jane) Renfrew

Dept. of Ancient History

Univ. Sheffield SID 2TN England

Dr. PI J. Ueko Univ. London

Institute of Archaeology

31-34 Gordon Square London W. C. 1

Harold E. Kurtz Box 1111 (Office)

Patriots Street (House) Phone 18166 (Home)

[page 5, blank]

[page 6]

1970

Oct 24 (Sat) Up at 6:00 since Jean was taking the E. I. RS1 course. Finished the packing, did a few Christmas notes & much puttering. Went to office to see John Pfeifer & visited with him so long I was almost in trouble with the football traffic & all. Got most everything done & to airport to start the long, boring ordeal. Pretty thorough search before boarding BOAC plane. Sad state of affairs. The BOAC stops at Montreal & this one really looked up there. Almost full, but some middle seats empty, thank goodness. Traveled with vivacious middle age antique dealer going to England to buy antiques. She is from Georgia originally but lives & works in Milwaukee. Widely traveled & easy to talk to. Sounded like Katharine Musgrave. Eventually got to Heathrow about 10:00 am local time & it was about noon by time all cleared & bus & 2 undergrounds to hotel. An even 24 hours since I got up.

[page 7]

Oct 25 Short day; ½ gone when I got here. ?¹ pint of bitter, a snooze, couple of pubs & back & to bed.

Oct 26 (Mon.) Late breakfast because of “trouble with the ceiling”. To Herbarium by 9:30. ? bor & later Boydan & Hubbard. Got to work promptly & a long, long day working slowly through Snowdenia. All

¹ Left side of this page lost in copying, I can guess on some of the words. The ones I don't know I will put a “?”.

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

was clean & sweet until I hit the Roxburghiiis: The African ones are mostly GK (when properly identified) but the Indian material is largely G!

Oct.24-25, 1970Champaign to London

London (Oct. 26-Nov. 2: 7 days)

Oct. 26 went to Kew – some technical language in this entry

Oct. 27 having some problems, not sure what

Oct. 28 another long day, more problems?

Oct. 29 seems like the trouble is in the Kew, “got run out by 4:30’. Looking at Sorghum samples.

Oct. 30 Spent considerable time getting passports, visas, etc.

Oct. 31 Back to Kew; studied Tripsacum

Nov. 1 Went to Archeological Institute, hiked around town; to national Art Gallery, saw movie (killing time)

Nov. 2 Wrote letters, worked on paper. After lunch took tour. There follows in his notes six pages of notes on various things. He is thinking out loud – might be some good stuff in here. On page 12 a note at the top of the page: “FOR HYMOWITZ” with note about soybean project being transferred. In the other pages Harlan mentions the UNDP which must be the United Nations Development Programme, which was begun in 1965 and seeks to help underdeveloped countries raise their level of Human Development Index (HDI). He also reviewed something about the Izmir (Turkey) project involving the FAO &, maybe, the UNDP. He seems to be getting ready for the Turkey phase of the operation. Following is a transcript of these pages:

[pg 13]

Institute of Agricultural Research

HQ Addis Ababa

 Holletta (Holeta?)--I

 Melka Werer I Substations

 Jimma -----I

[Pg 14]

IZMIR PROJECT

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

The mission [of the germplasm center at Izmir] to concentrate only on collection, conversation & evaluation in the institute at Izmir, to be a section of it & no director general from FAO. [Harlan seems to be getting his information from someone else & he is taking notes.]

History: started in 1964 under Kuchenek. Rome told him it would be an international project. Turks didn't see it that way at all. Kuckuck quit after 1 yr. & Zagajc followed him. Bazri Devioglu (sp) that lad at Pollman w. Kanzok was to big shot for Turkey. Terminated officially July, 1, 1969. Vamik Taysi is now director. C. J. K. Jellquist, Swedish worker w Kuckuck is still there. The Turks have always expected FAO to provide money, equipment and advice – NOT leadership. Some past specialists: Budget (USA) Plant Quarantine, Sylses (Canada) Hort now w. Jack Hawkes & to go U. Mosul, Iraq. Hertz (Germany) fodder crops. Schaefer (Montana) organize the wheat Res. Inst.

[So, we see the general problem with this ideological construct. We want the various parties & nations to work together on a common project, but who is going to be the leader? Every party is coming with its own needs. How can we come up with a plan that every party can agree to and then participate in for the greater good of all?]

[pg 75]

Look into the future – after UNDP money runs out.

Plant Quarantine is not working well – never has. Bureaucrats in town of Izmir & not pathologists, independent, delay, delay, etc. & materials often locked: LOOK INTO THIS & recommend solution.

The Center has not been free with change with other countries. Slowly, the tide is changing but they still put conditions – a contract form. See what is being done.

Rome (Nov. 3-9: 6 days)

Nov. 3 Went to Rome – has Attaché' case now. [PN: To Rome instead]

Nov. 4 Went to FAO. Met with Jorge.

Nov. 5 Back to FAO, met with Pichel. [I wonder if FAO is paying for this trip. HVH2]

Nov. 6 Decided to put off going to Addis for one day and see Rome. [PN: changed ticket for tomorrow. To Addis, (late).]

Nov. 7 Free day to look around and prepare for flight to Addis, but no plane, spent night at airport. [PN: Plane did not fly.]

Nov. 8 Day at airport ? [PN: Plane actually left 11:30 PM]

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

Nov. 9 More waiting for plane to Addis. Had horrific flight with plane full of passengers & temp 114, to Athens, then Bayrouth, then Asmana then Addis. Arrived 30 hours after he was supposed to. All this was Ethiopian Airlines. [PN Actually got to Addis.]

Ethiopia (Nov. 10-30: 20 days)

Nov. 10 In Addis, went to US/AID office to find someone. They were expecting him. Four people had come by the day before and said: "Harlan is coming!" Everyone he wants to see is out, especially Dr. Melak, who is on a world tour. He wanted to see him because he is the main one to start a Germ Plasm Recourses Center [see Exp. 7, "Second Ethiopian Collection Trip Dec. 20-24)]. However, he talks with a Dr. Berhame. Made appt. for Dr. Dagnachu at US Embassy, went there but man not there. (all this in the morning) In pm went to **Inst. Agric Res.** and there met Dr. Dagnachu, who was too young and immature to do anything. Set up appt. with Ato Wemku tomorrow. [JRH seems to be in Addis to get the Germ Plasm Recourses Center started and is trying to get some local help. Pinto has some interest in this.] "Walked down to Hilton (ugh, shutter gasp) + left note for Gus."

Nov. 11 (Wed) Had in mind contacting the missionaries, but didn't get to it. Shopped for a map & another Michelin & found Hallpike's paper on agriculture in the Konso. Looked for a collecting bag & didn't get far. Back at hotel & read Hallpike. Lists some 20 kinds of sorghum fr. Konso. Ato Zewedu called fr. Debre Zeit & he [pg 25] will be my man. Sounds like I must rent transportation. At lunch ran into Howard Gentry & we had a visit. He is just in fr. cholera zone at Dessie with growling guts. Then LAKEW (of Arba Mintch cam in & wanted to talk about his sister. She is in the U. S. & running out of money & wrote to find out about loans & etc. She is:

DESTA SHIGUAZE GEBEYELHOU

FRANKLIN COLLEGE

FRANKLIN INDIANA 461311

He is now in Addis:

LAKEW GEBEYEHOU

P.O. Box 4768

Addis Ababa office Tel. 11799

(bet 8-10 pm) home Tel. 43403

Desta is 1st year in college & major in Biology & is thinking of Pharmacology eventually (maybe?)

[pg 26] We talked until I had to go clean up for my Appointment with Weku Makasa. He turned out also to be a very pleasant young man & professed an interest in a genetic resources center, but I don't think anyone in Ethiopia is going to sit right down & write a proposal. This will take

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

continued prodding. Back to hotel, shower & drinks & supper with Gentry. He says this is his last trip, but it is hard to keep a fire horse stabled.

Nov. 12 (Thurs) Walked to US/AID. Looked up Sudan Interior Mission (address over). Waited for Temple ½ hour & then went up to University. Saw Mr. Gilbert (She is ill). No cultivated plants, much & not much collecting going on. Too much teaching. Sorghum collection consists of three specimen; Avena about 4. (see notes over). Walked next door & made appointment with Dr. Fedda for 3:00 pm.

[pg 77] S. Vert. Near Ricchie 39° 55 E 10° 47' N

Wollo 525 meters

Sanford, R. A. (Dide) UN old timer

Home 13804 Tel.

Amere Getalim surp Averssa cult at Kulubic check with him.

Call Dr. Fedda when I get back fr. Alemaya – he may be able to help.

Dr. Nasrat R. Fadda

BA, BSc. ARCS, DIC, Ph.)

{rpkect <amager (FAO United Nations)

Institute of Agricultural research, Pl O. Box 2003

Addis Ababa Tel off. 17128; Home 49960

Sudan Interior Mission: Ras Tesemme Safer

Mr. Anderson Nr. Churchill & across fr. Duke of Harrar mem. Hospital

& Hallpike says the arosd in Konso is Arisaemaj after seeing specimens, I think it is Amocphophalus. The “boadbab” they eat the leaves of is Moringa.

[pg 28] To hotel & lunch w. Gentry. Goofed up the bus for once & had to take a taxi ((4 Eath\$). Good visit w. Fadda, a very dynamic Arab. Built up a station in Sudan (I take it by implication Abu Naama, since Mohamoud is there). Seemed very knowledgeable about FAO, UNDP, FORD-ROCKEFELLER etc. , etc. Grasped the situation & problems immediately, had good ideas of what could & should be done, about the right ideas per size of project, etc. He would put his bets on Ford-rocky rather than UN & he is right, of course.

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

McDonald	Dow
Assoc. Dean College of	

Gus Wiebe called in eve & I invited them to dine at Addis Ababa Restaurant. The new Mrs. is Nancy Lee & very attractive. They have some nice grandchildren between them. They had been in Ethiopia a month & had never eaten Ethiopian food! They [pg 29] seemed to enjoy it. Visited afterward. [written atop of the page is address & phone number for Charles P. Anderson, S.I.M. Area Director Addis Ababa, Ethiopia.

Nov. 13 (Fri) Found the Sudan Interior Mission headquarters with a little difficulty. Mr. Anderson very nice & seemed receptive. I must write him the details & we shall see. From there hiked up to American Presbyterian Mission in Banco di Roma Bldg. 6th floor. Don McClure in the states and Harold Kurtz in the field. Will write them, too. Walked to market & bought a couple of bags for collecting. Buses very crowded so walked back hot & thirsty. Little done in aft except to call Zewudu at Debre Zeit & tell him present plans & get reservations for London starting 1st Dec. then packed & resorted so I could leave suitcase in hotel store room.

Nov. 14(Sat.) Up at 5:30, paid bill & all that & was about to have toast & coffee when the bus came – 10 min early. The usual long wait & the search of hand luggage. Flight very nice & a driver Flew to Alamaya. Berhane is getting out and that is good. Western Sorghum is different from Eastern. Delightful dinner.

Nov. 15 Sunday and little done. Party at Berhane's.

Nov. 16 Road trip to Awash, almost disaster with Land rover.

Nov. 17 To Debre Zeit for breakfast, then back to Addis.

Nov. 18 Drove to the highlands, looking for Sorghum – saw only one type – some technical notes on that. Went through pass and down the other side. Very few people because of malaria, but pressed on. Sorghum switching – see notes. Reached Gimbi ?. No water at hotel, went to bed "dusty & filthy. Not even brushing teeth".

Nov. 19 Pressing on. The best Ethiopian agriculture he has ever seen. Good descriptions.

Page 35 cut off so hard to figure out what is written.

Nov. 20 Mentions Nadjo and Gida Gabo – check these out. Page 36 is a list of villages and mileage. Continued on page 37. At the end of pg 37 he has: "Report of Adugna Zerihun / Brhane Gebrekidan / Tadesse Ebba / Feb. 18 – March 2, 1970 (PAGE 37)

Nov. 21 (Sat) This is from memory because unable to keep notes up to date. Started out with the idea of going to Dembidella (?). So [the next two lines are all smeared and illegible] ... had a strong

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

opinion but nobody knew anything. We finally set out on the “short road” & after 31 km were turned back by a bridge out. 62 km lost and 3 hours. Decided to try for Gore and set out using the map instead of local advice. The map was more accurate but didn’t tell us the state of the roads. It was soon obvious that we would not make Gore or Metu nor, indeed, any town on the map. Roads incredible, not used after the rains & as it turned out we were the first car to negotiate the route this season. About dusk we hit the chief bottleneck – a bit of swampy land & a blue lorry with a crew working on it. Private enterprise only a landlord & merchant wanted the road open, so he hired a crew to open it. Yesterday we could not have passed. As it was we were stuck a bit & the crew pushed us out. The lorry was the only vehicle over much of the route since the rains. We took the entrepreneur up to his village. He is rich but stinks. Apparently hygiene does not follow wealth. On into the gloom and the night. The road easier to see by headlight than with the sun shining in the face, but many times Adugna had to walk ahead to point out the route while I drove. We stopped finally after 7:00 for a freshener. Melottin nice out of my baby bottle; Spanish sardines & English biscuit. Then on feeling much refreshed to the village of Sipa (Sepe?, Sepa?). The main bar had a couple of beds but after the experience at Asosa I declined and declared for the car. There was a compound and we drove the car in. Four gin-tonics helped the mood & I slept in the land-rover. A bit chilly & cramped, but not bad.

Nov. 22 (Sun) We still had 32 km or so to go to Metu, new capital of Illubabor Prov.

Nov. 23 Quite an adventure with a low gas tank.

Page 45 some addresses. Hallpike, Christopher, Westphal, Egbert,

Nov 24 Spent day trying to find someone to deal with: went to JFK Memorial library, US/AID (no one much there), decided to rent a car, “Wrote up recollections of conversation with Dean Dow, Berhane & Amares from Nov. 16 [WHERE ARE THESE?]”

Nov. 25 “Rented a Fiat (no VW available)”, went to US/AID (nobody there), “went to Center for Eth. Studies & visited with Prof. Chojnachi. He gave me Hallpike’s address.” Met Mr. Johansson. They all decided to stick to the missions. Day wearing out. “Wrote appeal for collections by missionaries.”

Nov. 26 (Thanksgiving Day) Drove around taking pictures, although messed up some of them, in the beautiful weather. At the end of the day he wrote: “A very pleasant Thanksgiving even if all alone – Hope Jean had a good one.” Note: Sue is married, Harry is at the EI Academy, Sherry is probably home and Rich is still at school in Evanston (he may have come home for Thanksgiving, but probably not, FIND OUT)

Nov. 27 Went to Presbyterian Mission and Lutheran Mission, left appeal letters. Met with Lindtjorn, who wanted 20 copies of appeal (no way to copy?) Send 20 copies to Norwegian Mission.

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

Nov. 28 Drove on the Gonder Rd. saw a funeral – good description. Got a few pictures, but did not want to intrude. Met with Rev. Harold Kurtz, American Presbyterian Mission. A good man, rode by mule back over the trails to attend to his churches. They are strategically located. Wanted to participate (in collecting?) but has no “envelopes” these must be the sacks they put grains in. Felt bad in evening. Harlan thinks he has a low grade kidney infection. “Took sulfa that is supposed to be for diarrhea.”

Nov. 29 Drove Debre Zeit Rd “to see if I had told Erna a lie about the wheat populations.” Wrote Jean, met with David Degafu. Went to a football (soccer) game between Kenya and Ethiopia, which ended in a riot and police firing their guns.

Nov. 30 “The last day and I am ready to go!” Saw the Presbyterian Mission, Mc Clymonds and got envelopes for them (to mail out appeal?) getting paperwork finished for departure.

Rome (Dec. 1- 8: 8 days)

Dec. 1 Flew to Rome, good flight, interesting things happened on the way, like them spraying the passengers for cholera, good description of problems with flying in those days.

Dec. 2 Some of page 35 lost in copying. Not much there, though.

Dec. 3 [Thurs] In Rome, went to British Museum, saw “Hair”

Dec. 4 (pg 56/57) Got letter from Jean about Harry.² Dutifully waited until 8:30 & went to reception at the Archaeological Inst. to find that the party already over. They must have changed the time. Saw Bob Adams³, Kent Flannery⁴, Prof. Bökönyi⁵ and met Mc Neish⁶ & Piggott⁷. Kent says that Galinet has capitulated and Mc Neish is off the bandwagon, too. Manglesdorf has had his day, and it is amazing how fast the tide turned. It happened at our meeting at Illinois in Sept., 1969⁸, but the word is out now. [This appears to be a meeting on the origins of Maize. Manglesdorf had the prevailing theory that said the main progenitor was now extinct. See Maize Phase. [PN: London]

² This was about my engagement to Kathy. HVH2

³ **Robert McCormick Adams Jr.** (born July 23, 1926) is a [U.S. anthropologist](#) and was Secretary of the [Smithsonian Institution](#) from 1984 to 1994 (Wikipedia)

⁴ **Kent Vaughn Flannery** (born 1934) is a North American [archaeologist](#) who has conducted and published extensive research on the [pre-Columbian](#) cultures and civilizations of [Mesoamerica](#) (Wikipedia)

⁵ **Sándor Bökönyi**, Archaeologist specializing in the domestication of animals

⁶ **Richard Stockton MacNeish**, (April 29, 1918 – January 16, 2001), known to many as "Scotty", was an American [archaeologist](#). His fieldwork revolutionized the understanding of the development of agriculture in the [New World](#). He pioneered new methods in fieldwork and materials analysis and brought attention to the importance of interdisciplinary collaboration. (Wikipedia)

⁷ **Stuart Ernest Piggott** (28 May 1910 – 23 September 1996) was a British [archaeologist](#) best known for his work on prehistoric [Wessex](#).

⁸ Harlan's Pocket Notebook for 1969 has for Sept. 11-13: “O. Maize”. Manglesdorf was maize. What does this mean?

Page 58 he lays out a schedule for Sat. Sun. Monday. [12/5-7/70] This must be the Archaeological Institute meeting for which he missed the reception the night before. Page 59 & 60 is a sketch of the world with various things on it. THIS COULD BE GOOD. Page 61 & 62, same sort of thing. Is he taking notes on the lectures? See page 71, below. [PN: London]

Page 63: notes on hunter-gatherers and the move to agriculture. Are these his ideas, or something from a lecture? "Agriculture did not lead to large group structure but was a means for preserving the large group structure." I AM SURE THESE ARE HIS NOTES ON A PRESENTATION. He mentions Mc Neish's ideas.

Page 64: More notes looking towards Turkey. NOT SURE WHAT ALL THIS MEANS, GET TED TO LOOK AT IT.

Page 65: "Suggestions for W-G symposium ..." and then he has a list of people

Page 66: Notes on conversation with Bökönyi on animal domestication – centers.

Page 67: names and addresses and upcoming conferences.

Page 68, 69: [AT THE TOP OF PAGE 68 IS AN ADDRESS, THEN SOME GOOD COMMENTS:

Lovely campaign bash at the end provided by Duckworths. Piggott made a remarkable good summary of the whole mish-mash. What did the whole thing show? Probably (a) that the natural scientist is completely out of place, has no standing and the social anthropologist has no interest in biological facts – indeed shows little interest in facts of any kind, preferring ideas, concepts, and theories, however fuzzy & ill-conceived to real information (b) the social anthropologist needs information none-the-less and it would pay to keep some sort of contact. (c) Allan (African Husbandman) is remarkable naïve about the start of agriculture and may well be on other matters as well. (d) the paper discussions were dull and sterile & small group conversation the most productive; to wit: [Maria Hopf](#) seems a very competent & capable lady & says that [Kuckuck](#) has looked at the Swiss Lake Dwellers material again and thinks it is 4x instead of 6x as reported and quoted for so long. David Frenc & his machine may really change the situation with regard to plant materials. [Scotty Mac Neish](#) is an interesting fellow whatever the rumors say. He cannot find early evidence of tuber cultivation (yet) and is prepared to kick out Mangelsdorf altogether. Watch Glover's comments on harvesting wild grass seeds in Australia & check the sources. Bokonji comments above (e) the bibliographers are rather extensive in some cases & may useful – see Desmond Clark's paper & Kent Flamery at Ohio.

Page 70: W-G conference * Absolutely Must (this list is placed right after the above discussion from the 1970 trip. It looks like an early brainstorm regarding the 1972 W-G Conference on African crops. The ✓ indicated that the person listed actually attended the W-G Conference, according to the book. A number of others ended up at the conference.)

Archaeologists

* J. Desmond Clark ✓ (General)

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

- '* Mesick Poznauski (Ghana)
- Pat Munsen ✓ (Mauritania)
- '* Thurstan Shaw (Nigeria)
- Nick David ✓ (Cameroon)
- '* Fred Wendorf ✓ (Nubia)

Alternates: Graham Connah

Miss Donbrousky

Plant Scientists

- '* J. R. Harlan ✓
- '* J. M. J. de Wet ✓
- Busson
- Jackues – Felix
- Gast
- '* Coursey ✓
- Hugh Dogget
- Jean Maley

Others

Th. Monod

Dec. 5^{Sat} Meeting See above

Dec. 6^{Sun} “ “

Dec. 7^{Mon} “ ‘

Page 71: at top of page lists Dec. 5, 6 & 7 as “Meeting see above.” The above were meeting notes.

Turkey (Dec. 8-20: 12 days)

Dec 8 Trying to pack up. Suitcase breaking up. Flew to Ankara, 1 hour late. Met with the Braidwoods, with John Pfeifer & Halet Cambel. Braidwood had a good season excavating. He may have gone to Ankara, but he does not say so.

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

Dec. 9 Met with Mr. Hutton & Ed James, lunch with Braidwoods, Halet & John. (they must be in Ankara). "climb over top of old citadel & suburb view of Ankara in the snow and gloom. Tremendous!" Met with Bill Wright & Floyd Bottom, called Osman & John & I went to an ... Evening with Mr. Lisa French. Various notes about Archeology & wet sieve tech.

Dec. 10 Interview with Ekrem Güney⁹: "idea of a [gene] center brought up in 1957-58. Pasture & forage group of FAO started the concept. An FAO meeting in Israel in 1958 the station was proposed. Originally planned for Mediterranean countries & Turkey was chosen for ecological reasons. Proposal forwarded to General Assembly FOA and approved. At first the station involved only pasture and forage but a Dr. McDonald (FAO) proposed it be made general for all crops. FAO-Turkey agreed had 4 objectives (1) collect plants of the Near East (2) Distribute the material to Turkish & other workers [?], (3) Evaluate the materials in turkey (4) train research people, Turks & others toward utilization of the materials. The center got underway in 1964. A regional agric. Research station established at Izmir & this designed to support the introduction center. Dr. Kukusk was the first director. After starting, the two stations combined. The project ended June 1969 (5 years) FAO will extend 1 ½ years.

(pg 75) Turkish gov't stated 7 years not enough for such a station. Request for 5 more years w. new conditions. Turkey has invested 20m £ which is a lot for Turkey. During project period there was some failure to use fellowships properly & administration between Rome & Izmir with problems with the center. During the extension would like to find a way to continue it on after that. Still, the Center is well established & we owe thanks to FAO & UNDP. Also thanks to Mrs. Keene & Hulton. As for the future, the Turkish gov't believes in principles of UNDP & Turkey is a democratic country. Turkey would like to see equity among nations in technical, scientific, economic spheres. The differences cause friction & maybe war. ∴ the Center should serve humanity. Research section in the Center is Turkish but should be international for the Mediterranean Region & for this cooperation with International organizations. Would like international coop & money from outside. [pg76] During the extension period it is hoped a long term organization will be prepared and funded. One problem is obtaining FAO experts. Greenhouse & cold stores are there but we lack experts to run them. MONEY. Nov. 26 a meeting held at SPO & agreement reached. Original idea was to establish substations for evaluation but they have not yet been established. 1 in central Anatolia & 1 in the East Bletzi¹⁰ and Erzurum¹¹. OSC & Eucarpia cooperation is expected for germ plasm exchange & conservation. Freer exchange is desirable.

[This appears to be the end of the interview with Ekrem Güney . It was all about the Mediterranean Center which was established in 1957-58. This may be all he went to find out. HVH2]

Hustafa Akşin – Foreign office

⁹ I have not been successful in finding out anything about Ekrem Güney but depending on who he was and what position he held will make a great of difference as to how to interpret what is going on.

¹⁰ Can't find this name anywhere.

¹¹ Erzurum is on the map of Turkey in the eastern portion.

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

Possibilities: Rockefeller, UNDP Global project, OECD (but minor). Ankara 1,200,000. The old “slums” are not really slums because they are improving instead of going down hill.

Very nice & pleasant fellow & no business much, but he knows what its about & hinted that it would help to insist on counterpart funds in order to pry out something from the budget bureau.

Bill Wright & Floyd Bolton had us for lunch (incl. Mr. & Mrs. James). Good fare at the fancy hotel up the Bulvar (**Büyük Ankara [this could be a street]**). Trying to get some kind of integrated wheat production program unhinged. Like swimming up a waterfall, I imagine.

Page 77: met with Bill Wright & Floyd Bottom again, thinking about how to do this (center), but it does not look easy. Met with Aksit Kayalar, not very encouraging.

Dec. 11 Went out to the Center a 9:00 & visited with Vamuk Tayais Kjelquist & the codirector. Met a number of the personnel & toured the place all day except for a long & delightful luncheon over fish & good conversation. Over-all impressions: The entire center Turkish & FAO together overbuilt. Lots of office & lab space & nobody to use it. Some labs fairly well equipped, quite a few people are away for training, it is true but the staff could be doubled & still have space – “library” is pitiful. The famous storage rooms over built. One room could hold the present collection. The greenhouses are terrible in design – even worse [BOTT] planning and architecture all over the place. But, the thing is there & ought to be used. What do we do now?

[Now, Harlan apparently has some time to do some thinking and he is writing his thoughts down. He is thinking about the overarching problem of how to make germplasm of “landraces” and endemic varieties more available to the rest of the world. He lays down some general principles and lists 9 of them. Then on page 84 he starts over and lists 6 General Principles. This is 1970. Two years later he will publish two of his most explosive papers: “The Genetics of Disaster” and “Breeding Success Brings a Peril.” From the notes he is taking in the Journal for Exp. No.8 it looks like he was getting his revelation for the two papers, and others like them at this meeting in Turkey.]

General Principles: (pg 80-82)

- 1) Turkey and adjacent region are immensely rich in genetic resources for many crops, forage, forest, and ornamental plants. This is an overriding & demonstrable fact.
- 2) Much of the material is in danger of being lost forever by replacement or increasing human disturbance and pressure on the land.
- 3) Neither the Turks nor the world at large can afford to lose this material. Survival of a major portion of the human race may depend on the collection and preservation of these genetic resources.
- 4) For some of the crops, the situation is critically urgent or even tragically too late. Vast resources, especially in wheat, have already been lost forever.
- 5) Because turkey is enormously rich in genetic resources does not mean she is rich in financial resources. If the world at large should find itself depending to a considerable extent on Turkish genetic resources, then the community of nations should support the collection,

- preservation and distribution of the genetic material. It is not fair to ask Turkey to provide this service from their limited financial resources.
- 6) On the other hand, Turkey has a more vital interest in these materials than anyone else. The local varieties have some adaptive traits that are essential for future breeding programs in Turkey for Turkish agriculture. It is clear, therefore, that Turkey and the other nations have a common interest in the collection and conservation of Turkish germ plasm. If there were no international implications to this work at all, Turkish research specialists would still find it necessary to collect Turkish materials for Turkish breeding programs.
 - 7) It is clear that the activities of the center are vital to the community of nations and that they must NOT be discontinued. It is clear that Turkey can NOT carry the financial burden by herself and that help from outside is essential.
 - 8) The most clearly international aspects of the program are the collection, storage, and distribution activities. The most clearly Turkish activities are the evaluation program and the training of Turkish specialist, although these specialists may be involved in the international programs as well.

Page 83 General Principles

- 1) Turkey and adjacent areas are enoumously rich in genetic resources of cereals, forage crops, vegetables and pulses, tree fruits, forest trees and ornamental plants.
- 2) Much of this immensely valuable material is threatened by serious genetic erosion or out-right extinction.
- 3) Neither Turkey nor the world at larg can afford to lose these materials.
- 4) The UNDP/SF project TUR 8 was an expression of international concern in response to critical situation.
- 5) It is unreasonable to expect Turkey to finance an international programme from her scarce resoureces. It the center established at Izmir is to continue as a international centre it must continue to receive international support.
- 6) The last point is so obvious that it must have been fully understood at the time the UNDP grant was made.

Terms of Reference

Page 84

There were conflicts of interest, conflicts of personalities, ambiguous authority, incompetence and incredibly bad advice from experts, lack of expertise and inexperience on all sides, unbelievable delays in obtaining supplies and materials, and throughout a lack of effective communication between FAO in Rome and the Centre at Izmir.

Page 85: Kaya Alpman gave him a list of needs.

JACK R. HARLAN EXP NO. 8: OCT 24 – DEC 21 1970 (2 MONTHS LESS 3 DAYS)
LONDON, ROME, ETHIOPIA, ROME & TURKEY

Dec. 12 Visited Center in am.

Dec. 13 Day at FOCA then to market.

Dec. 14 At the Center all day,

Dec. 15 Excursion to Ephesus

Dec. 16 To the Center & writing the report.

Dec. 17 Again to Center

Dec. 18 Big meeting at SPO, gave good report.

Dec. 19 Finally took off on airplane after much delay.

Rome (Dec. 20-...)

Dec. 20 I think he must be back in Rome.

Dec. 21 Talks to people at FAO, most are very discouraging. He says: "... so it looks like 3 strings to the bow and I believe it will go." Then he gives notes for the NY presentation.