

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIRMATION OF LONG DISTANCE TELEPHONE CALL

T O	Name	<i>Mr. Barry Dunford</i>	F R O M	Name	<i>Glen D. Fulcher</i>
	Office	<i>Forest Experiment Station</i>		Office	<i>Range</i>
	Location	<i>Berkeley, Cal.</i>		Location	<i>Washington</i>
	Telephone Number			Telephone Number	

Purpose of Call:

To discuss the assignment of Mr. Normay of the U. S. Forest Service who will be detailed to the Bureau for 3 months to conduct range management workshops for State & District personnel.

Explanatory Remarks:

Mr. Normay will be assigned to the Bureau on a cost basis and the Forest Service will be reimbursed by the Bureau.

July 10, 1964
(Date)

Glen D. Fulcher
(Signature)

~~Handwritten scribble~~

Chief, Forest Service

4200
July 10, 1964

John R. McGuire, Director

Range and Wildlife Habitat Research

ADMINISTRATIVELY CONFIDENTIAL

This is to remind you of our need to transfer one of our range researchers in order to relieve our financial situation as soon as possible. As recently pointed out to Parker and Blaisdell, we will have to make severe reductions in operating budgets unless we can reduce the amount going into permanent salaries. I hope that you will bring to the attention of other Stations the names of our range research people who might be qualified for transfer so that these other stations can consider our folks before recruiting new people outside the Forest Service.

You may particularly want to give attention to the possibility of moving Reed Sanderson to Tempe. Reynolds talked to Sanderson last week in San Francisco and I believe that Reed would be interested in joining the expanded project which Reynolds is planning. However, if Sanderson is not sufficiently qualified, we would be agreeable to submitting any other names for consideration.

EJP

JRMcGuire:mm

UNITED STATES GOVERNMENT-Forest Service
Washington, D.C. 20250

Ken Memorandum

4200 (6130)

1. Bacon
TO : Director, PSW

DATE: July 15, 1964

Your Ref: July 10, 1964

2. Durford
FROM : Kenneth W. Parker, Director, Range and Wildlife Habitat Research

SUBJECT: Range and Wildlife Habitat Research

Ken

ADMINISTRATIVELY CONFIDENTIAL

AIRMAIL

Both the Intermountain and Rocky Mountain Stations have been advised by telephone of your financial and personnel situation. As you know, these Stations received some increases in either range or wildlife habitat research and there should be a spot for one of your people.

JJ
7/17

Maybe with the transfer of Sanderson or someone else from the San Joaquin, it will be possible for you to maintain the present staffing on the major job of completion of the Harvey Valley Allotment Study. We are much concerned over any reduction in personnel at this time on this study because we feel strongly that there is an obligation here Servicewide, in which NFRM has given material support. Incidentally, as agreed at our Susanville Conference in June, the Division of Range Management has taken action to allocate \$2000.00 to R-5 for pooling with their \$2500.00 (\$4500.00 total) to assist your Station to complete the present phase of the Harvey Valley job. To complete this evaluation job will require keeping both Reppert and Ratliff on the job for FY 1965. Since we do not know the outlook for FY 1966, and in the light of greater efficiency and economy, we suggest that Ratliff remain at Susanville until June 1965. Thus in the event of further need to meet your financial situation, he would be available at that time for transfer within or to another Station from that location.

[Handwritten initials]
EJO

Also in furtherance of the Harvey Valley Allotment Evaluation, we have heard recently through people in Administration that Reppert is having difficulty in obtaining copies of photos and photopoint locations on the allotment that had been made in previous years by Gus Hormay. We urge that this situation be resolved because repeat of photos may be of special value in the study.

As to Hormay's present assignment, he has not as yet completed the training brochure or manual that he was committed to do last year. We urge that he take the notes that he presented at his Training Courses and incorporate them into a Training Guide on Rest-Rotation. As you know, these training sessions held by Hormay have had much favorable comment from both our people and people in BLM. We understand through Mr. DeNio that if Hormay does not do this, one or two Regions plan to do this on their own, from notes that were taken during the training sessions.

cc: Keller

This, in some ways, would be unfair to Hormay in that misinterpretation of some of his presentation could arise. Also he should have "author" credit. Gus can do a real service by completing this job as I urged him to do while I was in Berkeley last June. Perhaps you may want to consider part of his time on this as an obligation that BLM would pay for, that is if he undertakes the assignment to conduct training sessions with that agency's personnel.

Remond Pader.



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON 25, D. C.

4412.3
(712a)

Handwritten signature: Earl G. Dunford

July 13, 1964

Handwritten notes: J/10/64, July 17/64

Mr. Earl G. Dunford
Pacific Southwest Forest and
Range Experiment Station
P. O. Box 245
Berkeley, California 94701

Handwritten initials: JGD

Dear Mr. Dunford:

Your suggestions for Mr. Hormay's work schedule with the Bureau of Land Management, as proposed in our telephone conversation of July 10, have been reviewed with our Range Staff. Since you suggested that not over five training sessions be held, the following schedule is proposed for your consideration:

States	Location	Preparation Period	Training Session	Transportation Cost
Idaho and Oregon	Boise	PP-19 9/14-18	9/21-25	\$125
Montana and Wyoming	Billings	10/5-9	10/12-16	200
Utah and Colorado	Salt Lake City	10/26-30	11/2-6)	125
California and Nevada	Reno	11/9-13	11/16-20)	
Arizona and New Mexico	Albuquerque	11/30-12/4	12/7-11	150
Washington, D. C.	(not training)			335
Total Travel				\$935

Handwritten note: ? When what purpose?

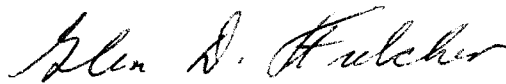
The proposed schedule would require that Mr. Hormay spend three months' time with the Bureau. The schedule has been planned so that Mr. Hormay will not be away from his Forest Service position for longer than two weeks at a time except from October 26 to November 20 when he will be with the Bureau for a full month. This schedule was developed so that Mr. Hormay would not have to be traveling for the full three months and could continue any research program he might be conducting.

The Bureau's understanding is that Mr. Hormay will be detailed on an actual cost basis. The Bureau will transfer funds to the Forest Service to cover his expenses. An estimation of the expenses is as follows:

Travel		\$ 935	
Per Diem -(11 weeks)		1100	
3 Months' Salary		<u>3155</u>	<i>272.70 x 6 1/2 = 3203</i>
	Subtotal	5190	
16% Overhead		<u>830</u>	
	Total	<u>\$6020</u>	

Would you please review the proposed schedule to see if it meets with your approval. We are anxious to confirm the dates so that field personnel can be notified.

Sincerely yours,



Glen D. Fulcher
Chief, Range Management

Hormay

July 27, 1964

Comments by A. L. Hormay on Edward R. Schneegas' note - "Aspen Snag
Yields Record Bitterbrush Seed Cache"

1. A brief note in the Range journal on the observation reported by Schneegas should be of interest to both the range manager and researcher.
2. Paragraph 1. Who is Pete Mills? He should be identified.
3. Paragraphs 2 and 3. Since 1940, I have observed a few similar mass bitterbrush seed catches. The largest contained an estimated 4 or 5 pounds of high quality clean seed. It was found in one corner of a small, abandoned shed off the edge of the Truckee airport on the Tahoe National Forest in 1940.
4. Paragraph 3. Reference to seed collecting activities by the Inyo Forest might be omitted or worked in at some other point in the note.
5. Paragraph 4. Suggest deleting wording through the word "Gus."
~~Sentence 3.~~ Insert - in California - after the word "stands."

Line 5 PH

Howard S. Gentry
Ecology Division, Inyo National Forest

Robbing of caches for seed is an age-old custom that works fine, but first we must find a cache. Pete Mills ran into some caches and a bitterbrush cache was noticed. First a bitterbrush tree trunk was cut and sawed in an old fence as well as other trees. It was found that it was a cache of bitterbrush seed. As a result of this cache I have collected several caches of this seed which has been observed to be eaten. An approximately ten hours of cleared ground in this area was collected from this single tree.

The cache was found in a tree which was fairly well decayed. The bitterbrush deer winter range in Inyo County at 8,000 feet elevation. Most of the trees in this stand are decadent. The tree containing the cache was about 30 feet high and two feet in diameter. The top three fourths of the trunk had rotted out where the trunk was cut. The cache was likely made by rodents. This cache contained a large amount of bitterbrush seed. Bitterbrush seed is common to the area and known to gather and store seeds for winter food. The closest bitterbrush plant to this tree was about 100 yards away. Although there was abundant evidence of rodent activity in the area and resting litter mixed with the cache seeds, none were observed actually entering the tree stand.

It appeared the rodents had been very discriminate. The stored seed was large and good quality. Bitterbrush seed production in 1963 was so much heavier than in previous years the Inyo National Forest felt it warranted an intensive effort at seed collection. Over 2,000 pounds of clean seed was collected for future plantings on key winter deer ranges.

This observation certainly points out the importance of rodents in bitterbrush ecology. Research by Gus Hormay* has pointed out the importance of rodents in caching bitterbrush seeds in the ground. Widespread observations and measurements indicate that most of the plants in bitterbrush stands become established from seeds cached by rodents. He found the seeds cached one-fourth to one and one-half inches below the surface of the soil and the seed number per tree varied in number from 2 to 100, although in one case 150 were found. Hormay did not actually observe caching by rodents, but he suspected that chipmunks and golden-mantled ground squirrels did most of it. The same rodents that we believe cached the seeds in the Inyo National

*Hormay, August L. 1945. "Bitterbrush of California". No. 54. 15 pp. Pacific Southwest Forest and Range Experiment Station, Berkeley, California.

Dunford

4200

July 28, 1964

Your reference: 4412.3
(712a) 7/13/64

AIRMAIL

Dr. Glen D. Fulcher
Chief, Range Management
Department of Interior
Bureau of Land Management
Washington 25, D. C.

Dear Dr. Fulcher:

The range training schedule proposed in your letter of July 13, 1964 to Mr. Dunford is satisfactory. Salary, travel and indirect costs of Hornay's detail may be handled by 1081 billing procedure, if agreeable. Estimated costs for this detail are as follows:

Travel and per diem	\$ 2,035
Salary - 6 1/2 pay periods	<u>3,203</u>
Subtotal	\$ 5,238
Indirect costs	<u>- 1,048</u>
Total	\$ 6,286

During the last 2 or 3 days of each classroom session, trainees will be analyzing and preparing grazing plans for selected allotments from their states. Three or four men will work as a group on an allotment, so data and maps on vegetation types and utilization will be needed on 8 or more allotments at each school. This information should be assembled in time for Mr. Hornay's field trips prior to the indoor meetings. On these trips, Mr. Hornay would like to get a first-hand picture of conditions and problems on 2 or 3 allotments in each

state. We can send instructions on the kind of information needed directly to offices in the 10 states listed in your letter and also make other final arrangements for the meetings if you wish. If this is agreeable, we would appreciate receiving one of your field directories.

Sincerely yours,

JOHN R. McGUIRE
Director

cc: Parker, W.O.
Bacon
Keller

ALHormay:etr

John
McGuire

UNITED STATES GOVERNMENT Forest Service
Washington, D. C. 20250

DeNio
Memorandum

PSW
2220 (4210)

TO : Director, PSW

DATE: July 31, 1964

FROM : R. M. DeNio, Director
Division of Range Management, By

SUBJECT: Range and Wildlife Habitat Programs

In our memorandum of January 15, 1964, we gave you our comments on Gus Hormay's outline for the Grazing Systems Brochure that he is preparing. We understand that an illustrated draft of the brochure was prepared. We need to know the present status of the brochure so that we can make arrangements for its publication.

There is an immediate need for the brochure. As the allotment analysis program proceeds the forests are moving rapidly in setting up new plans for grazing management on each allotment. The subject of grazing systems is of much interest to both our people and ranchers and is getting a lot of publicity. A brochure which will define the more common grazing systems being used on the National Forests and National Grasslands such as rest-rotation, deferred-rotation, season-long, etc., and explain the limitations and advantages of each on a comparative basis will be very helpful to us in outlining our program to stockmen, wildlife and other interested groups and individuals and in answering Congressional inquiries. *Ego*

Some of the Regions are making plans to give training to their field personnel based on the training course which was conducted for them by Mr. Hormay. We are hopeful that all grazing Regions will do this when the necessary training material is made available to them. This was anticipated when we outlined for you in our March 21, 1963, memorandum the objectives and procedures to serve as a guideline for coordinating Mr. Hormay's work. The course outline, training aids, illustrations, etc., used by Hormay will need to be duplicated so that they can be used by Regional technicians in training their field personnel. We do not expect Hormay as a matter of completing his assignment to this Division to design and prepare for us a finished training package for Regional use. However, we understand that Ken Parker has written your Station suggesting this and last June urged Gus personally to do this. We would, also, like to see him do this. Such would be helpful too in his impending assignment for training BIM personnel.

In the meantime, please furnish us copies of the outline used by Mr. Hormay and duplicates of the slides and other aids that he used. We will then supply the Regions with their immediate needs.

We will appreciate hearing from you regarding the status of the Grazing Systems brochure and receiving the training outline, slides and other material.

cc: R-2
Mr. Parker

R. M. DeNio