FOREST SERVICE, WASHINGTON 25, D. C. 2200

Regional Forester, Region 9 April 4, 1961

RECEIVED
APR 10 1961
PSW FOREST AND RANGE
EXPERIMENT STATION

R. M. DeMio, Director, Division of Range Management

Range

We are forwarding a copy of your March 31, 1961, memorandum requesting Mr. Hormay's services on the Sheyenne National Grassland to the Pacific Southwest Station. You will hear directly from the Station about the acceptance of the September 11-22 or 29 dates.

R. M. DeMio

cc: PSW
w/3-31-61 memo (copy)

OPTIONAL FORM NO. 10
5010-104
UNITED STATES GOVERNMENT

Memorandum

DESCHUTES NATIONAL FOREST
P. O. BOX 751
BEND, OREGON

6120 (2200)

TO : Gus Hormay, through Research Station Director, R-5

DATE: April 6, 1961

FROM : Ashley A. Poust, Forest Supervisor, By

SUBJECT: Training

Last year half of the district rangers and assistant rangers attended your first formal school on rest-rotation deferment grazing. This year we should like to bring the remaining rangers and assistants down for a similar training session.

We were highly impressed with your presentation and tentatively we are attempting to initiate rest-rotation deferment grazing on two pilot C&H allotments.

We would prefer a date sometime after July 15 for this trip and will plan to spend three or four days as necessary with you on this training program.

M J Griffith

R.O. to handle these
Lassen, must be in
June or after Oct. / if
Hormay to participate. Other-
wise Range & C. Leader could do.

EJW.

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

FOREST SERVICE, WASHINGTON 25, D. C.

TO : Director, Pacific Southwest Forest & Range Experiment Station

DATE: APR 14 1961

FROM : Richard E. McArdle, Chief, By

SUBJECT: Range

As requested by your memorandum of February 15, 1961, we have arranged that $6,250 will be set up in the FY 1962 budget for payment of one-half the total cost of Mr. Hormay's position and $2,500 in addition for per diem and transportation costs for consultation on range management systems.

For your assistance in working up a travel schedule for Hormay's consultation work during the coming summer we suggest you consider the following:

Region	Dates
1	July 3-14
4	July 17-28
2	July 31-Aug. 18
9	Sept. 11-22 or 29

These dates clear with the three scheduled range allotment analysis meetings to be held in Regions 3, 4 and 2 this summer and a GFI in Region 4. They also include Region 9's specific request for the September dates as given in their memorandum of March 31, a copy of which has been provided you. If Mr. Hormay does not wish to absent himself from Berkeley for a 7-week summer period, please prepare a schedule more nearly agreeable. In the interests of firming up the schedule, please contact the regions direct, advising us of the finalized schedule.

Mr. Crane, Region 2, told us here recently that the proposed dates of July 31-August 25 would be satisfactory to him. He also said that the month of June would be too early for what he wishes to accomplish.

The work which Mr. Hormay is doing towards further acquainting range management administrators with the principles of rest-rotation grazing should prove of much value as systems of management are installed. His suggestion to initiate an intensive educational program would seem to have considerable merit. Development of visual and other aids to use in the extension work would be of help both in obtaining better understanding by our technicians and interested permittees.

Although you did not ask us to comment upon Mr. Hormay's proposal to prepare a 5-day course on the principles of rest-rotation in your February 15, 1961, memorandum, we assume you would want our reaction. Such a course as Mr. Hormay proposes sounds good. We would caution, however, that the curriculum be rather closely limited to the substance of rest-rotation. Those from national forest

administration who would attend the school should be knowledgeable of the fundamental subjects Mr. Hormay has listed in his January 10, 1961, report.

Our recommendation to you is that Mr. Hormay proceed with his development of a curriculum. When it meets your approval, we will want to review it. After the details have fully been worked out and agreed upon we can then advise the field that a course is available, its purpose and other pertinent information, and work towards scheduling of trainees.

In order to keep in line with the tentative principles of financing discussed at the RF&D meeting, and shown on page 4 of the discussion draft, we suggest a plan be prepared showing the tasks to be performed for the time paid from P&M funds.

A. W. Greeley

ALH

4210 (2220)
April 21, 1961

E. J. Woolfolk

A. L. Hormay

Range and Wildlife Research Program Schedule

The following schedule was prepared primarily to indicate my planned field research and extension activities. Projects and trips are outlined in some detail for the period April 15 to October 15, 1961. From October 15, 1961 to June 30, 1962 plans are more general and cover research only. I have no information on any extension projects planned for the latter period.

Research:

As indicated in my memo of January 10, the research projects I am working on are designed to develop information and procedures for use in planning, practicing, and checking rest-rotation grazing. This information is needed immediately as rest-rotation grazing is applied to new areas.

I plan to work on three studies during the coming field season. These are:

1. Growth and reproduction of bitterbrush.
2. Method of measuring vegetation, composition, and density.
3. Method of measuring range utilization.

I worked on the first two studies last summer and still start explanatory measurements on the third this fall.

1. Bitterbrush study--This study was started in 1941 and is being completed at this time because it has important bearing on rest-rotation grazing and management of bitterbrush. Most of the final field measurements were made last fall. Only a set of yield figures remain to be obtained this year. All the data except the yield figures have been compiled and analyzed. I plan to write the manuscript in May. The story is not dependent on the yield figures which will not be obtained until September.

2. Method of measuring vegetation composition and density--Plots for this study were established last fall and some measurements, using the method to be developed, were made. This year early season, mid season, and late season measurements are planned for further development and checking of the reliability and practicality of the method.

3. Mathod of measuring range utilization--Exploratory measurements will be made this fall.

Extension, rest-rotation grazing:

Time has been scheduled for trips to Regions 1, 2, 4, and 9, for preparation of materials, notes, and visual aids for use on these trips and in other places, and for preparation of reports. There is some unscheduled time between April 15 and October 20 which may be used to meet additional extension work requests should they come in. Also there is considerable unscheduled time between October 20, 1961 and June 30, 1962. Some of this too can be devoted to extension work.

ALHormay:mm

Info on schedule to Regions
May 1 2200 Range

Table 1.--Hornay schedule Apr 15-Oct 20, 1961

Date	Type of work	Place	Principal Work
April 17-21	Research	Berkeley	Bitterbrush studies
24-28	"	Resear. Fld., Cal.	" "
May 1-3	Extension	" " "	Develop range analysis form for use in rest-rotation grazing extension work
4-12	Research	Berkeley	Bitterbrush manuscript
15-29	Extension	"	Assemble and prepare material for rest-rotation extension work
June 31) 9)		Res. Fld., Cal.	Measurement method-vegetation composition and density
12-16	Unscheduled		
19-23	Extension	Berkeley	Assemble and prepare material for extension work
26-30	Research Field, Cal.		Measurement method-vegetation composition and density
July 5-14	Extension	Region 1	Counselling, rest-rotation grazing
17-28	"	" 4	" " " "
31) Aug 4)	"	Berkeley	Report Summary of field trips FY 1961
7-18	"	Region 2	Counselling, rest-rotation grazing
21-25	Unscheduled		
28) Sept 1)	Extension	Region 5	Counselling, rest-rotation grazing
5-8	Research Field, Cal.		Bitterbrush study
11-22	Extension	Region 9	Counselling, rest-rotation grazing
25-29	Research Field, Cal.		Measurement method-vegetation composition and density
Oct 2-6	Unscheduled		
9-20	Research Field, Cal.		Measurement method-utilization
21-31	Unscheduled		
Nov	"		
Dec	"		
Jan	"		
Feb	"		
Mar	"		
April	"		
May 1-11	Research Field, Cal.		Method, determining growth requirements species
12-31	Unscheduled		
June 1-15	"		
15-30	Research Field, Cal.		Measurement method-vegetation composition and density

Table 2.--HORMAY work schedule April 15, 1961-June 30, 1962

Date	Unscheduled	Research							Extension						
		Bitterbrush study		Veg. comp. & density measurement method study		Utilization measurement method study		Other	Field Cal	Berk	R-1	R-2	R-4	R-5	R-9
		Field	Berk	Field	Berk	Field	Berk	Fishbert							
April		24-28	17-21												
May			4-12	31					1-3	15-29					
June	12-16			1-9 26-30						19-23					
July										31	5-14		17-28		
Aug	21-25									1-4		7-18		28-30	
Sept		5-8		25-29										1	11-22
Oct	2-6 21-31					9-20									
Dec	1-31														
Jan															
Feb	1-28														
March	1-31														
April	1-30														
May	12-31							1-11							
June	1-15			15-30											