May 2, 1966

Instruction Memo No. 66-191  
Expires 12/31/66

To: SD's and DM's

From: Assistant Director, Resource Management

Subject: Rest Rotation Grazing Management System FD 6/15/66

Instruction Memo 65-78 established guidelines for implementation of at least one rest rotation grazing system in each statutory grazing district during FY 1966. Mr. A. L. "Gus" Hormay was detailed to BLM for six months to assist and advise the districts in developing rest rotation grazing systems. Instruction Memo 65-487 established range study procedures to determine the effectiveness of the grazing system.

Good progress has been made. A recent summary by Mr. Hormay shows that 46 plans have been reviewed by him. Some districts have submitted more than one plan for review; 15 districts have not submitted any.

It is still the intent of this office that each statutory grazing district have one rest rotation grazing system planned and reviewed before July 1, 1966. Those grazing districts which do not now have a plan reviewed by Mr. Hormay should make every effort to develop the plan and send it to Mr. Hormay for review in FY 66.

It is necessary that we know the current status of the 46 plans reviewed by Mr. Hormay so that this office can assist in solving any problems you are encountering. Each SD please submit, by June 15, the number of plans that have been reviewed and are being put into operation. Please specify any problems that are developing in the implementation of rest rotation systems.

Mr. Hormay is detailed to BLM until June 30 and is available for consultation if needed. Service Center assistance is also available.

Your cooperation is appreciated.

Distribution:
IA-15, 712a-10
D&RM-5, 711
Chief, RS&T -DSC
Chief, RS&T -PSC
SD, HE

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Memorandum

TO: Director, PSW

FROM: Kenneth W. Parker, Director, Range Management and Wildlife Habitat Research
       R. M. DeNio, Director, Division of Range Management

SUBJECT: Management of Ranges ("Grazing Management Training Guide")

Date: May 3, 1966

File No. 4000 (2200)

AIRMMAIL

The "Grazing Management Training Guide" by A. L. Hormay has been carefully reviewed in Range Management Research by Parker and Blaisdell, and in Range Management by DeNio and Forsman. We all agree that Gus has done a good job of bringing together a wealth of information. It represents a lot of work and we are grateful to Gus. We could say a lot about the good things, but this wouldn't improve the document. There is something, however, that we wish Gus would do to make the document a better and more useful training guide.

In order to explain our suggestion for improvement we will first develop for you the basis for it. Numerous comments have come to our attention from Forest Service and BLM folks about how much they benefited from Gus Hormay's lectures (seminars) during recent years. We have observed that some of his students have been responsible for some very successful grazing management programs. The kind of training that gives these results should be continued. This will require a carefully prepared training guide.

In his lectures Gus weaves the place of enzymes, carbohydrates, proteins, etc., into a total story. He associates the significance of these basic factors with the larger objectives of resource management. However, in the proposed training guide Gus fails to reproduce his style of delivery. He has categorized information on the basic factors in a lengthy text book style without associating or adequately indicating their significance to the major objectives of his lectures. He has developed in the training guide a text book style lecture that doesn't do justice to Gus' lectures, as we know them.

We would very much like to capture as much of Gus' delivery into the training guide as possible. To this end we urge Gus to take another look and see if he can do some "unformalizing" of the rather formidable text book
material into his way of talking to training groups. In this way the seemingly unrelated material now included in the draft will be reduced and made to relate directly to discussions of grazing management.

In the section on "Stocking Rate and Grazing Capacity", starting on page 75, it seems that we should now have some actual data on weight gains instead of the estimated production from Burgess Spring. In the section, "Moving and Handling Livestock", (page 79) there seems to be considerable unsupported speculation. For example, do you have evidence that moving cattle into lush, ungrazed forage will reduce gains? Is moving animals from one pasture to another actually so detrimental that it should be avoided? It seems to us that in most situations a true rotation system of use will not be achieved unless this is done.

A few minor comments follow:

1. On pages 1, 72, and perhaps others, "reseeding" should be changed to "seeding".

2. On page 46, fourth line from bottom, change "soil" to "site".

3. On page 71, the last sentence in the first paragraph seems out of place. Selective herbicides can best be discussed in the section, "Cultural Practices".

4. On page 81, the last sentence in the first paragraph really says that use need not be rotated.

5. On page 81, second paragraph, we wonder if it is necessary or desirable to deviate from our long-established policy of salting away from water even though a rest-rotating grazing system is used. We would prefer to have the statement on salting omitted from the training guide.

We are anxious to move this guide along to publication so that it can be made available to our range management people. We hope that Gus will be able to forward us a revised manuscript by June 30. In the meantime we will contact other agencies to determine how many copies should be printed.

xc: PSW
cc: Range Research
August L. Horsey  
101 Anza St.  
San Francisco, Calif. 94131

VITA:

1. DATE OF BIRTH  
   February 14, 1920

2. STATE OR FOREIGN COUNTRY OF BIRTH  
   California

3. STATE OR FOREIGN COUNTRY OF SECONDARY SCHOOL GRADUATION  
   California

4. SEX  
   ☐ 1 - MALE  ☐ 2 - FEMALE

5. CITIZENSHIP (check one)  
   ☑ 6 - USA  ☐ 7 - NON-USA (specify country)  ☐ 8 - USA APPLIED FOR (specify citizenship)
   ☐ 9 - NON-USA, permanent USA resident (specify citizenship)

EDUCATION:

6. COLLEGE, UNIVERSITY, OR OTHER INSTITUTION (include city and state)  
   University of California Berkeley  
   California  
   B.S. 1930 Forestry Management

PROFESSIONAL IDENTIFICATION:

7. I regard myself professionally as a (an): (check only one)
   ☐ Agronomist  ☐ Ecologist  ☐ Immunologist  ☐ Physiologist  ☐ Entomologist  ☐ Microbiologist  ☐ Plant Pathologist  ☐ Forester  ☐ Virologist  ☐ Biophysicist  ☐ Geneticist  ☐ Pathologist  ☐ Soil Scientist  ☐ Botanist  ☐ Horticultrist  ☐ Pharmacologist  ☐ Other (specify)

SCIENTIFIC COMPETENCE:

8. From the accompanying specialists list, select and enter on the lines below in decreasing order the four specialties in which you consider you have your greatest scientific competence, based on your total educational and work experience. Enter only scientific specialties. (Current specialties not considered scientific should be reported in item 12.) Circle the appropriate number for the biological process and integrative level associated with your greatest specialization.

   Greatest specialization: 6701 6706, 6704 6601 Range Science

   BIOLOGICAL PROCESS (circle one)  
   ☑ Developmental  ☐ Metabolic  ☐ Regulatory  ☐ Environmental  ☑ Molecular  ☐ Systemic  ☑ Genetic

   INTEGRATIVE LEVEL (circle one)  

   Second specialization: 6701 Conservation Science

   Third specialization: 5701 Plant Ecology

   Fourth specialization: 6601 Forestry Management Structure

CURRENT PROFESSIONAL EMPLOYMENT:

9. Check your current employment status.
   ☐ 1 - Employed full-time  ☐ 2 - Employed part-time  ☐ 3 - Unemployed and seeking employment  ☐ 4 - Not employed and not seeking employment  ☐ 5 - Retired
   If you are a student, check your status.
   ☑ 6 - Student, full-time  ☐ 7 - Student, part-time

10. Please give name of present principal employer, actual place of employment, and title of present position. (If not employed currently, omit item 10.)

   U.S. Forest Service  
   Berkeley, California  
   Range Conservationist  
   Title of present position

---PLEASE COMPLETE OTHER SIDE---
11. Check the box of the category which is most appropriate for your present principal employer (check only one).

☐ A - PRIVATE INDUSTRY OR BUSINESS
☐ B - SELF-EMPLOYED
☐ C - COLLEGE OR UNIVERSITY, OTHER THAN MEDICAL SCHOOL (specify department or other organizational unit)
☐ D - SECONDARY SCHOOL OR SCHOOL SYSTEM
☐ E - MEDICAL SCHOOL
☐ F - FEDERAL GOVERNMENT -CIVILIAN EMPLOYEE
☐ G - DEFENSE -COMMISSIONED CORPS
☐ H - MILITARY SERVICE -ACTIVE DUTY
☐ I - MILITARY SERVICE -RESERVE DUTY
☐ J - STATE GOVERNMENT
☐ K - COUNTY GOVERNMENT
☐ L - MUNICIPAL GOVERNMENT
☐ M - OTHER GOVERNMENT AGENCY (specify)
☐ N - NONPROFIT HOSPITAL OR CLINIC
☐ O - NONPROFIT ORGANIZATION, OTHER THAN HOSPITAL, CLINIC, OR EDUCATIONAL INSTITUTION
☐ P - OTHER (specify)

12. Indicate on the lines below the specialization most closely related to your present employment. For scientific specializations enter both the number and specialty title from the accompanying specialties list; or write in your specialty if it is not in a scientific field.

Science Specialty

13. Number your first and second most important kind of activity, in terms of working time devoted, by entering "1" and "2" on the appropriate lines below.

☐ O - MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT
☐ A - MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT
☐ B - BASIC RESEARCH
☐ S - APPLIED RESEARCH
☐ K - CLINICAL RESEARCH/INVESTIGATION
☐ T - TEACHING (state academic rank)

14. Is ANY of your work being supported or sponsored by U. S. Government funds? ☐ Yes ☐ No ☐ Don't know
If yes, is your work related to any of the following programs?

☐ 1 - Agriculture ☐ 7 - Health ☐ 13 - Space
☐ 2 - Education ☐ 8 - Public works ☐ 14 - Other, specify (specify)
☐ 3 - Defense ☐ 9 - International ☐ 15 - Other (specify)

NOTE: Salary and income information is regarded as confidential and will be used for statistical purposes only. It will NOT be released in any way that will allow it to be identified with you.

15. BASIC ANNUAL SALARY (JAN. 1966): Please give the basic annual salary associated with your principal professional employment as of Jan. 1966.

$ 12,627

If academically employed, check whether salary is for ☐ 9-10 mos. or ☐ 11-12 mos.

16. ESTIMATED GROSS ANNUAL PROFESSIONAL INCOME (Jan. 1 to Dec. 31, 1966): Please give your estimated gross professional income from all professional activities for the year which will end December 31, 1966.

$ 13,000

17. How many years of professional work experience, including teaching, have you had?

35

18. FOREIGN LANGUAGE: List the languages (other than English) in which you have knowledge and indicate with a check mark (✓) your proficiency.

If you have no foreign language competence, check here. ☐

19. AREA KNOWLEDGE: List the foreign countries of which you have a knowledge gained by residence, research, or travel.

COUNTRY

TOTAL YEARS RESIDENCE

YEAR LAST VISITED

NATURE OF YOUR KNOWLEDGE

None

20. SOCIETY MEMBERSHIP: Circle the number in front of all societies of which you are a member.

☐ AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES

21. Please give a mailing or forwarding address through which you can always be reached if different from address on reverse side.

C/O Number Street City State Zip Code

DATE PREPARED: May 9, 1966

SIGNATURE: (Please Sign Full Name)

SOCIAL SECURITY NO. 560-64-6772

(Handwritten Signature)
TO: State Director, BLM, New Mexico  
State Director, BLM, Colorado

FROM: A. L. Hormay, Range Conservationist

SUBJECT: Range Programs

AIR MAIL

According to Mr. Eugene Zumwalts memorandum of October 14, 1965, I am scheduled to visit New Mexico May 30 to June 3 and Colorado June 6 to June 10 on rest-rotation grazing training. Will you kindly send me a copy of your schedule so I can plan my travel from California.

I would appreciate your making lodging reservations for me. Please let me know where I'll be staying the first night in your State. Tentatively, I plan to arrive in Albuquerque Sunday, May 29, and in Denver, Colorado Saturday, June 4.

ALHormay:etm

A. L. Hormay
Memorandum

TO: Director, Div. Watershed, Recreation, and Range Research, W.O.

FROM: John R. McGuire, Director, By

SUBJECT: Range Programs

We have received the May 5 memorandum from Parker and DeMio commenting on Homay's first draft of the "Grazing Management Training Guide."

Suggestions for improvement have been carefully considered by Gus and he plans to work on a revision as time permits during May and June. However, we should remind you that all of Gus' time until June 30 is being paid from NIM funds and his time is largely committed to training sessions they have planned.

Another point to consider is the time needed for editing. So far the Guide has received only technical review. Before we return the second version we feel it would be well to have it polished up by Clyde Walker.

In view of these considerations it may not be feasible to send you the revised manuscript by June 30. You can be assured, however, that we will do all we can to complete it as soon as possible after that date.

cc: Walker
    Homay

EGDunford:estm

Training guide referred to here published as (754)(2200)
Principles of rest-rotation grazing
and multiple-use land management

Ego
Mr. Daniel S. Healy  
711 South Eighth Street  
Worland, Wyoming  82401

Dear Mr. Healy:

We appreciate your letter of April 9 and your complimentary remarks in reference to the presentation of Mr. Gus Hormay on rest rotation grazing. We share your enthusiasm for the excellent job Mr. Hormay is doing and the valuable service he has rendered to the Forest Service, Bureau of Land Management and range users in improving our understanding of range management principles and grazing systems.

We are in full agreement that few have the knowledge and background of Mr. Hormay for making this type of presentation. We have been giving considerable thought to how to best record Mr. Hormay's presentation so that greater coverage and utilization can be made of this material. Your suggestion of records (or tape recording) with a picture book handout has merit. Consideration has also been given to slide presentation or possibly a movie. We will certainly try to record Mr. Hormay's presentation in some form although we know nothing will take the place of his presentation in person.

We are pleased that the principles of grazing systems and rest rotation were so well received in Wyoming. This excellent response indicates the value of continuing with a program of having Mr. Hormay meet with as many local advisory boards as is possible.

Sincerely yours,

cc: Mr. A. L. Hormay  
Pacific Southwest Station  
1960 Addison Street  
P. O. Box 245  
Berkeley, California  94704

SD-Wyoming
May 17, 1966

AIR MAIL
Memorandum

To: A. L. Hormay, Range Conservationist

From: State Director, New Mexico

Subject: Range Programs

In reply to your May 12, 1966 memorandum, above subject, file number 4210, please note we are taking the liberty of dropping May 30 as a meeting date in view of the complications which would arise from scheduling a meeting on a holiday. Mr. Trogstad discussed this with your secretary on this date and we have established the following schedule for your trip to New Mexico during the period May 31 through June 3.

May 31 - Albuquerque District Office (travel from Albuquerque to Roswell in P.M.--overnight in Roswell).

June 1 - Roswell District Office (travel from Roswell to Las Cruces in P.M.--overnight in Las Cruces).

June 2 - Las Cruces District Office (travel from Las Cruces to Socorro in P.M.--overnight in Socorro).

June 3 - Socorro District Office (travel to Albuquerque in P.M.).

Reservations are being made for you at the Hilton Hotel for the night of May 30, 1966. We have been advised that Kelly Hammond and Chris Vosler from the Denver Service Center will arrive on that date and reservations have also been made for them at the Hilton. James Kelly of this office will meet you at the Hilton at 8:00 a.m., May 31, and will accompany you during the week.

If you have any further questions pertaining to this travel schedule, please contact this office.

cc:
Kelly Hammond, DSC
District Managers
May 23, 1966

Mr. A. L. Hormay
Pacific Southwest Forest
& Range Experiment Station
P. O. Box 245
Berkeley, California 94701

Dear Gus:

Following is a schedule for the rest-rotation grazing plans review in Colorado, June 6 through June 10.

June 6, Monday - Leave Denver 7:45 a.m. Review management plans in Middle Park (Kremmling RCA). Spend night in Craig.

June 7, Tuesday - Review grounds management plan. Spend night in Grand Junction.

June 8, Wednesday - Review management plans on Naval Oil Shale Reserve. Spend night in Grand Junction.

June 9, Thursday - Review management plans on the Gold Basin RCA. Spend night in Alamosa.

June 10, Friday - Review Cisneros Sheep Allotment management plan in the San Luis Valley. Return to Denver.

Reservations and travel arrangements have been made for yourself, Paul Applegate, Bill Luscher, Tom Heller, and Kelly Hammond during the week.

We have made reservations for you at the Albany Hotel in Denver for Saturday and Sunday, June 4 and 5.

If you have any questions on this schedule, please let us know.

Sincerely yours,

E. I. ROWLAND
State Director

cc: All Districts
DSC
SD, N. Mex.
May 26, 1966

Mr. A. L. Hormay
Pacific Southwest Forest and Range
   Experiment Station
P.O. Box 245
Berkeley, California

Dear Gus:

District Manager, Clair Whitlock has requested me to forward you the enclosed copy of his proposed rest-rotation grazing system.

Please review this system and advise Mr. Whitlock of your comments and recommendations. We would also appreciate receiving a copy of your recommendations.

I wish to take this opportunity to thank you for the assistance and excellent training sessions during the past year.

Sincerely yours,

[Signature]

Nolan F. Keil
State Director, Nevada

Enclosure

cc:
Elko Dist. Mgr.
Albuquerque, District May 31, 1966

James C. Hennes Albuquerque

Charlie Hodges, AM

James Mitchell, AM

Monty Woody

JR. Harlene, AM Farmington R.A.H

James Harris, AM

Mary Kelly Santa Fe

Kelly Hammond Denver

Chris Vosler Denver