October 2, 1973

Dear Gus:

Thanks for yours of Sept. 28 and for the additional work you did on the article. Your letter came late yesterday. I will mail this last version to FIELD & STREAM as soon as I finish this letter and get to the PO. I think this last version is better than either of the others and the only changes I made were minor ones--grammar, etc. I did, however, take out quite a lot of the quotes, as you requested. Your added thought on the last page is in.

I didn't send you the original of the 2nd attempt. I finished typing it on Sept. 14 while my friends were waiting to go hunting and mailed it that day before we left. I didn't mail you the carbon until we got home because I expected few, if any, changes.

Due to the late mail delivery and the two-hour time difference, the FIELD & STREAM office was closed by the time I got your letter. I called this morning and learned the No. 2 was not yet in type and that I could send in an entirely new version. So it's on the way.

One fortunate thing about it: Due to sending in new copy now I could add a little box at the end about your book.

This will run in January.

Hurried regards,

* To F 25
Memorandum

To: Joe T. Fallini, State Director, Arizona

From: A. L. Hormay, Range Conservationist, Berkeley

Subject: Crowder-Weisser Allotment

October 5, 1973

I looked at the Crowder-Weisser cattle allotment on September 11 and 12, 1973 with the man shown in photograph 1. This desert-type range has deteriorated appreciably in only about 40 to 50 years of livestock (cattle) grazing. It is continuing to deteriorate under present management. Heaviest deterioration is around watering places, along trails to feed areas, in ravines and drainage ways and easy slopes within reach of water. Plants desirable for livestock, wildlife and erosion control are being killed out. Soil erosion is being accelerated (Photo 2-6).

Site deterioration by livestock grazing is the main problem on the allotment. Its solution holds the key to the solution of all other problems on the allotment including the ones on the KOFA game range. All of these can be resolved with rest-rotation management of livestock grazing. This appears to be relatively easily accomplished and at little cost on this allotment because the cattle can be -- in fact are -- controlled with water.

A substantial portion of this half million acre allotment is not grazed by livestock because of rough terrain, distance from water, inaccessibility or lack of forage (Photographs 7-10). Probably less than half the range is grazed and probably less than one-third heavily. Stocking rate calculates out to about 10 acres per AUM assuming 250,000 acres are grazed yearlong by 2000 head of cattle -- present stocking.

Because the cattle can be controlled with water the area around a watering place can be considered the equivalent of a fenced pasture. Fencing does not seem necessary; therefore, I suggest 3-treatment (3 pasture) systems be used. Line up 3 or more watering places in a setup to form a well controlled 3 pasture system. With 40 or so watering places as many as 13 individual systems could be formed.
Start the grazing season in October and set seed-ripe date in the spring growing season — probably in May. The cattle are normally handled at these times so could be moved most conveniently to different pastures.

I suggest a system be put in operation this year to check its practicability and effectiveness. I suggest it be located on the KOFA on an area where bighorn sheep are of concern — the Squaw Peak area perhaps (Photo 11). Apply treatment B or C on the most critical portion of the area the first year.

I don't believe cattle grazing is shorting big game or other wildlife of food or cover on the KOFA. There are plenty of these essentials within easy reach of wildlife outside the area grazed by cattle (Photo 12). Even in the grazed area much food and cover remain (Photo 13). Also in this area nutritious regrowth is generated on plants, shrubs particularly, by livestock grazing. This growth is highly beneficial to wildlife (Photo 14).

Water developed on the allotment for livestock is serving wildlife as well. Signs are around every watering place. I can't help but feel that wildlife, deer, dove, quail for example, has increased because of these developments. I'm confident the potential for wildlife production will increase measurably with rest-rotation management and rehabilitation of the range.

I had the pleasure of seeing four fine bucks while on the KOFA. I took a photograph of one at a great distance without a telephoto lens. I knew it would be but a speck in the photograph but I just had to take it. It was such a beautiful 4 pointer. If you have good eyes you will see it standing in the saddle on the ridge in photograph 15.

Please let me know if I can be of any further assistance.

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- Supervisor's Determination of Employee's Level of Competence
  - Not Applicable for this Action
  - The employee's work is of an acceptable level of competence.

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- Personnel Officer or Approving Officer

Signatures: Econ Stab Act Amend 1971

**Level of Competence Inquiry - Notice of Pay Change**

- *Step Increase Delays*
  - Step increases may be delayed if an excessive amount of Non-Pay Status time occurs during the 52, 104, or 156-week waiting period. Generally, the total Non-Pay Status time must exceed an average of 80 hrs./year during the waiting period before an increase is delayed.
Memorandum

To: August L. Hormay, Range Conservationist

From: Associate Director

Subject: Reassignment

The recent meeting and subsequent communications between you and the Directorate concerning BLM Planning System, organization structure, management principles, and training needs clearly show the desirability of assigning you to the Denver Service Center where the total resource management effort can be more effectively coordinated and accomplished. You may, however, remain in Berkeley under current office arrangements.

Your role will be in working with the Standards and Technology Staff under Glen Fulcher to refine BLM's training program in multiple-use management through the principles of rest rotation. The necessary personnel action to effect your reassignment will be effective November 11, 1973, and will be forwarded to you soon.

I recognize that you are not satisfied with what you regard as the inadequate amount of time Bureau officials have given to official group meetings on the principles of rest rotation and multiple-use management. However, the Directorate and State Directors, either individually or as a body, have met with you on this subject. Additional exposure to at least the basic concepts of improving resource conditions through application of sound grazing systems is being constantly brought to their attention through program direction from Washington and program execution at the District level. To that end the State Directors are committed and are moving toward implementation of AMP's as funds and manpower allow.

In order to improve and strengthen the capability of the Bureau's grazing system training program, we are transferring Hugh Harper from the Idaho State Office to Denver Service Center Range Staff.

In your memorandum of July 3, you referred to the need for adjusting Bureau policies, programs and objectives. We are interested in your views and request that you submit a detailed proposal on this subject. Your sincere concern in effectively accomplishing the Bureau's mission is appreciated.

Ed Huxley

Acting
TO: District Manager, Phoenix District

FROM: State Director

DATE: October 29, 1973

SUBJECT: Hormay Report, Rest Rotation Management System
- Crowder-Weisser Allotment

Attached is a copy of Gus Hormay's report on the feasibility of implementing a rest rotation management system on the Crowder-Weisser allotment, which includes part of the Kofa Game Range.

As discussed with you, it is requested that you continue to work with Mr. Crowder to develop a proposed rest rotation system. I would like to review the progress made on this with you periodically.

As soon as the original of Mr. Hormay's report and photos are located we will forward them to you.

Attachment