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RR
MANAGEMENT
PP Ranges
B. Sp9

Office of County Agent
Lassen County
Susanville, California
November 3, 1944

Mr. Pete Hook
U. S. Forest Service
Susanville, California

Dear Pete,

I have made arrangements with Mr. Shepard to be at McClelland's Ranch on the morning of November 15th at 9:00 o'clock, to grade the steers that are coming in from the Blacks Mountain Experiment Station.

Will you please let the folks at the Experiment Station know about this so that they can be present.

Following the grading, if time permits, I would like to have Mr. Shepard discuss with you people wherein the Extension Service can tie in with you on the program for 1945.

Sincerely yours,

County Agent, Lassen Co.
Susanville, California

TSB:F50

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
CALIFORNIA FOREST EXPERIMENT STATION

ADDRESS REPLY TO
DIRECTOR
AND REFER TO



UNIVERSITY OF CALIFORNIA
331 GIANNINI HALL
BERKELEY, CALIFORNIA

November 3, 1944

RR MANAGEMENT
PINE RANGES
Large Plants

Mr. Jens Calusen
Carnegie Institution of Washington
Stanford University
California

Dear Mr. Calusen,

In Response to your letter of October 14 I am forwarding you a small packet of seed of *Poa fibrata* Swallen, collected October 22 in Squaw Valley, near Burgess Spring, Lassen County. We did not have seed of this species on hand so collection was made late in the season. A cursory examination of the seed shows many to be sterile but I hope you find some viable ones in the lot. In this locality the seeds mature in July.

Squaw Valley, T 33N, R 9E section 20 MDM is under fence at present and is being used by this Station for range experiments. Incidentally our first observations on the grazing value of *P. fibrata* - made this year - showed that cattle grazed the plant heavily in October when it was dry and preferred other species earlier in the season. The stiff, curved basal leaves which form an open mat 2 to 3 inches thick on the ground provided practically all the forage. Very few seed heads were formed this year - about 2 to 3 per square foot. Perhaps this is characteristic of the species. The plant forms circular patches at new centers of establishment.

Herbaceous species associated with *P. fibrata* in the meadow include *Poa nevadensis*, *Juncus balticus*, *Carex* sp, and *Lernaeolus alismaefolius*. Two species of shrubs *Artemisia cana* and *A. arbuscula* grow on the same site.

The mountain slopes surrounding the meadow are dominated by *Pinus ponderosa* and *P. jeffreyi*. The most abundant shrubs are *Artemisia tridentata*, *A. arbuscula*, *Aplopappus bloomeri* and *Purshia tridentata*. The herbs include *Wyethia mollis*, *Festuca idahoensis*, *Sitanion hystrix*, *Lupinus calcaratus*, *Stipa* spp. and *Poa sandbergii*.

We plan to make notes on the growth habit and grazing value of *Poa fibrata* in connection with our grazing experiments. I suggest that you come up to the Burgess Spring Experimental Range which includes Squaw Valley next year and observe the species in the field.

Sincerely,

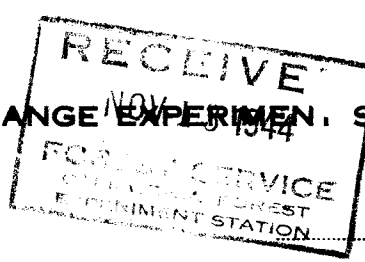
A handwritten signature in cursive script, appearing to read 'A. L. Hornay'.

A. L. Hornay

Files

CALIFORNIA FOREST & RANGE EXPERIMENTAL STATION

RR ~~MANAGEMENT~~
 P PINE RANGES
 Burgess Spring
 Designation or Subject



Blacks Mountain
 November 6, 1944

MEMORANDUM FOR M. W. Talbot

FROM: A. L. Hormay

A. L. Hormay

The experimental cattle arrived home at the McClelland Ranch Saturday November 4 noon. Rough calculations show the average shrinkage enroute was about 3 percent. The owners and others expected about 6 percent. The drive took 3 and one half days and covered about 60 miles. The cattle were fed oat hay on the over-night stops. We are obligated to the Lassen Forest for 24 bales of hay which I think we should replace or pay for as soon as possible. It was borrowed from two ranger districts. The McClellands were pleased with the weight gains made by the cattle during the season and with the condition of the animals upon arriving home. We probably will weigh the cattle again on the 15th when they are graded.

Tally, you and I should bend every effort to get out a popular publication or article on the Burgess Spring work in the next 2 or 3 months. Lassen stockmen and forest officers are greatly interested. I know our results will be of great interest and benefit to many others. The time is ripe to interest animal husbandry and other groups. I expect to be in Berkeley within a day or two after the 15th.

RR-CAL *MANAGEMENT*
PINE RANGES
Burgess Spring

Berkeley 4, Calif.
November 18, 1944.

MEMORANDUM FOR REGIONAL FORESTER R-5

Attention: F. P. CRONEMILLER

FROM: M. W. TALBOT, Acting Director *M. W. Talbot*

SUBJECT: Burgess Spring cattle experiment.

May I place in the record the gist of my oral statements to you last night, namely, our high appreciation of the effective "down field blocking" of your office, including the outlay of cold cash, to make possible the obtaining of initial results on the comparative value of mountain meadow and timber forage -- before post-war plans for mountain range improvements are all frozen into project blueprints. Without your help and that of the Lassen we could not have obtained the full season of fine data now available. Many thanks! I hope the practical value of the findings will fully justify our joint enthusiasm for this project. I believe that they will.

For your information I enclose copies of my notes to the Lassen and to Farm Advisor Brown.

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Enclosures.

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RR-CAL ~~MANAGEMENT~~
P. PINE RANGES
Burgess Spring

November 18, 1944

Mr. T. S. Brown
Agricultural Extension Service
Memorial Bldg.,
Susanville, Calif.

Dear Mr. Brown:

From Hornay and through Supervisor Elliott's office I have been kept in touch and have been pleased with your interest in our experiment near Burgess Spring, regarding the comparative values of timber forage and mountain meadow forage.

We appreciate greatly the time and trouble that you took in arranging for the meeting in the corrals where our work was explained to the local operators and also for arranging for Mr. Shepard to grade the cattle at the McClelland ranch on the 15th. This grading has added definitely to the interpretation and better understanding of the weight figures. Later in the winter, either at Susanville or at some time when you may be in Berkeley on Extension Service business, I shall hope to discuss with you in more detail plans for our next season's program with particular reference to an even closer tie-in of our work with the Extension Service.

I will send you a highlight statement of this summer's results as soon as Hornay and I can summarize them.

I am taking the liberty of sending a copy of this letter to Director Crocheron and to Mr. Shepard.

Very sincerely yours,

M. W. Talbot

M. W. TALBOT, Acting Director

cc: *sent* Director Crocheron
Mr. Shepard

2 copies to Lassen Nat'l Forest

Chron. copy sent F.P. Cronmiller

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RR MANAGEMENT
P PINE RANGES
Burgess Spring

Berkeley 4, Calif.
November 18, 1944

FOREST SUPERVISOR, LASSEN NATIONAL FOREST

11. 11. 141004

FROM: M. W. TALBOT, Acting Director

Dear Joe:

Hornay sent me word that Ranger Hook, Phil Lord and Cooper Smith of the Shasta drove the cattle from Burgess Spring to the McClelland Ranch and made all arrangements for the trip. I have since talked with Phil at the Modoc Range Analyses Meeting and gotten more of the story from him.

Without the help of you and your staff we would have had great difficulty in getting the cattle home, in fact in view of the recent heavy storms the whole experiment could very easily have gotten a black eye.

I cannot express my appreciation too strongly for your fine cooperation and the whole Lassen support of our experimental program. I hope and believe that the results obtained at Burgess Spring will prove helpful in the practical management of your summer ranges. I will send you a highlight statement of this summer's work just as soon as Hornay and I can summarize the results.

I wish you would extend my thanks to P. D. Hook and Phil Lord for their fine help this summer; also, if convenient, to Mr. McClelland for his cooperation in supplying the animals.

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sent thru Sups records
cc: For Phil Lord
P. D. Hook

chron copy sent FP Comanville

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