

[1977, APRIL]

Mr. August L. Normay

Dear Gus:

Gus Normay retire? Never. We know you will continue your productive research to further substantiate the results of your Rest-Rotation approach to range management.

One of the BLM's smartest moves was to hire you from the Forest Service. Your contribution has been immeasurable. You have left a valuable and indelible mark on public land management. Your ability to convert skeptics and effectively communicate at all levels is a tribute to your ability. Dedication to your work has been an inspiration to all of us.

Best of wishes for a healthy and productive future.

Glen A. Fulcher

[1977, APRIL]

Mr. August L. "Rest-Rotation" Hormay

Dear Mr. "Rest-Rotation":

On behalf of all your cohorts here in the Sacramento area and even some of your adversaries, may your retirement be as valid as the 100 plants one must have for a statistical sample, WHERE AS: may your rest part of rotation be as pleasant as the photograph presented to you, WHERE AS: may the use pasture be as productive as your help has been to us here in California and the BLM as a whole, WHERE AS: we are looking forward to continue to work with you as your retirement will be even more productive (AUM's) as your whole career has been.

Sincerely, we all extend our whole hearted THANKS and BEST WISHES.

GUS -
I THOUGHT YOU WOULD
AT LEAST STICK THROUGH
THE COMPLETION OF THE
TULCORN - HONGKONG EIS -
Ed Hunter

[Handwritten signature]

Jim Banell

Claudia Wilson

Mary Thomas

Kathy Heath
Cecilia Moore

Arum L. Wilson

Bob Nelson

Tom Hoffman

Jim Jackson

Jack Lake

W.A. Bill Kennedy

Dick Knight

Hal Watson

Bob Metzger

Dr. Barlow

Bub Banner

John Moran

Stu Porter



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. 20240

Memorandum

Berkeley, California
April 1, 1977

To : District Manager, Susanville District
From : Range Conservationist
Subject: Tuledad-Home Camp Environmental
Statement

In the March 21 draft of the ES Chapter 3, Impact Section page 13, the statement was made that the vigor of bitterbrush "will be adversely effected" with a 3-treatment rest-rotation grazing system and that assuming complete defoliation in the two years of grazing provided in the system, "one year of rest will certainly not be sufficient" to maintain vigor. One familiar with the growth habit of bitterbrush and the grazing habits of cattle could hardly arrive at such a conclusion.

Complete defoliation of bitterbrush by cattle is virtually impossible. Cattle graze the branches of plants back to one quarter inch and larger wood leaving a mass of stiff branch stubs over the crown. Neither livestock nor big game animals can nose down into the shielding stubble and graze off the underlying growth. A substantial portion of the annual growth is thus protected from use. I have estimated that 15 to 20 percent is protected. I'm sure that a greater portion is protected in some years for example in poor growth years when twig growth is short. Whatever the amount may be it is sufficient to maintain the plant in full vigor. Plants grazed continuously by cattle for 50 years and longer have remained healthy and vigorous.

With continuous or frequent grazing by cattle the plants are moulded into compact mushroom or club-shaped forms. In these forms the plants cannot be completely defoliated by grazing animals. Under sheep or deer grazing on the other hand the plant maintains an open form and is subject to complete defoliation.

2.

I left some photographs with you a few weeks ago that show the response of bitterbrush to cattle grazing on two of my study areas. One set shows bitterbrush inside and outside an enclosure near Harvey Valley. The mushroom shaped plants are outside the enclosure.

This study site has been grazed continuously and heavily by cattle for over 100 years. The bitterbrush plants on the site range in age from a few years to over 100. Most of the larger plants are 50 to 70 years old. Practically all of the plants on the area established after grazing was started on the area. The enclosure was built in 1934.

In 1961 and again in 1963 several of the larger plants outside the enclosure were caged and protected from grazing. They were caged in early spring. All put forth vigorous growth later in the same year. The growth produced by these plants was considerably greater than the growth produced by checks plants inside the enclosure. The latter had not been grazed for 37 years. The typical growth response of a caged plant is shown in one of the photographs.

Resting is not needed to maintain vigor in bitterbrush grazed by cattle. However with close cropping by cattle the plant grows slowly in size resulting in less than attainable herbage and seed production and thus in a slower rate of reproduction and stand development. So a certain amount of resting is needed in bitterbrush to promote a desirable level of growth and seed production. The amount of rest provided in a 3-treatment grazing formula serves these purposes adequately. On the Wells Meadow Allotment in the Bakersfield District good results have been obtained with a formula that provides only one year of rest in a 4 year grazing cycle. See the photographs showing plant growth and enlargement.

Bitterbrush is responding well on the Morgan Creek Allotment, Salmon District, Idaho, under a 3-pasture grazing system (grazing two years out of three) on the Harvey Valley Allotment, Lassen Forest, grazing three years out of five, and on Wells Meadow, grazing three years out of four.

Field responses do not bear out the conclusion drawn from the theoretical ES analysis. I suggest the point be explored more closely with further probing of the literature.

3.

I am enclosing copies of an annotated bibliography and a literature review on bitterbrush should you not have them on hand. I am also sending you copies of two publications on bitterbrush I put out in 1943. Up to that time very little was published on the ecology and management of bitterbrush. These two papers renewed interest in the plant and considerable research has been done on it since. I have considerable information in my files on bitterbrush that I have not had time to publish because of the press of other work. But I hope to get with it after I retire in May.



Enclosures:

BASILE, Joseph V. 1967. An annotated bibliography of bitterbrush. U.S. Forest Serv., Intermountain Forest and Range Exp. Sta. Res. Paper 44, Ogden, Utah, 27 pp.

HALL, Frederick C. 19 . Literature review of bitterbrush. Pacific Northwest Region, U.S. Forest Service, Portland, Oregon. 48 pp.

HORMAY, August L. 1943. Bitterbrush in California. U.S. Forest Serv., Calif. Forest and Range Exp. Sta. Res. Note 34, 13 pp.

HORMAY, August L. 1943. A method of estimating grazing use of bitterbrush. U. S. Forest Serv., California Forest and Range Exp. Sta. Res. Note 35, 4 pp.

NEVADA CATTLEMEN'S ASSOCIATION

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April 4, 1977

Mr. August L. Hormay
Bureau of Land Management
P.O. Box 245
Berkeley, California 94701

Dear Mr. Hormay,

As president of the Nevada Cattlemen's Association, I would like to express our appreciation to you for the excellent work you have done in range research and rehabilitation.

Your foresight and dedication has resulted in more range forage than at any time in many decades. Most individuals hope that through some special effort they contribute to the betterment of our nation. Your efforts have certainly excelled.

Congratulations on your retirement.

Best Regards,

Bob Wright sen.

Robert R. Wright, President
Nevada Cattlemen's Association

RRW:ssa



4-5-1977

Mr. August L. Hornay

Dear Gus:

On behalf of the Washington Office, Division of Range, I am expressing our sincere well wishes on your retirement from Federal employment.

We all have appreciated working with you in the field on complex rangeland management situations and problems. Your development and implementation of rest-rotation management principles as applied to the National Resource Lands has provided BLM managers with a very valuable management tool. Your knowledge, wisdom and patience with all people has advanced the "Art" of rangeland management and your pamphlet on rest-rotation grazing will be the text book for many years to come.

With all our best wishes and many good memories, have a good time.

Mitchell Stewart

Loy W. Wilkes

Bob Springer

Jim Fox

Ron Younger

Allan W. Stibel

Betty Cullemore

Joe Gibson

Dave Walter

Melvin Wright

Betty Edwards

Pat Taylor

Margaret C. Reid

P. Leonard

P. Leonard



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DEPARTMENT OF LANDS

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April 5, 1977

Mr. August L. Hormay
Range Conservationist
Bureau of Land Management
P.O. Box 245
Berkley, CA 94701

Dear Gus:

Congratulations on your coming retirement. I am sorry I won't be able to attend your retirement party in person, but I certainly will be there in spirit.

For many people, retirement signal the end of their professional activities. In your case I see very little difference unless you come up with an unlisted telephone number. I still plan to ask for your advise and counsel whenever a situation requiring your expertise in wild land management arises.

For all of my productive life as a rancher, and later in public service as a professional land manager, I have felt the need for a common sense approach to wild land management. Most efforts by public agencies have been negative and defensive. In early 1969, I was fortunate enough to attend one of your Rest Rotation Grazing Seminars in Boise. I quickly recognized that here was the philosophy that I had been reaching for, but hadn't the ability to put it all together. You had accomplished this. For the first time, ranchers, range scientists, public lands managers and other persons interested in wild land management were provided the tools with which they could all together work toward their various objectives in harmony. Your principles and philosophy have proven to be successful when properly applied. For the first time in my memory, livestock operators and agency people were able to sit down and work out their mutual problems effectively and cooperatively. You have provided a non-competitive position for all interested groups.

Mr. August L. Hormay
April 5, 1977
Page 2

There are thousands of good range technicians. The resources themselves are relatively simple to manage. The complicating factor is not the resources, but the people interested in those resources. Prior to your efforts to promote your philosophy of wild land management, only an occasional successful land management effort would take place. Within a year or two after your program began, many dozens of successful programs were popping up throughout the west. Ranchers and professionals alike were clamoring for the opportunity to put your principles into action. Government funding and other factors have prevented more rapid growth in this program that we would all like to see.

However, Gus, the seeds are planted. The tree, although young, is strong. Those of us who have received your message will continue to work toward achieving the goal of managing all our wild lands in such manner that their vast productive potential may be achieved.

There have been some setbacks in our drive toward optimizing our resource values, and there will be more from time to time, but I think that is part of the game. There is no question that the true potential of our wild lands must eventually be achieved if we are to survive as a society.

You have provided us with a proven method of accomplishing these worthy goals. I for one will continue to work to continue these efforts.

After you complete your 49 years of federal service, I am going to work with you for another 49 years so that we can gather the fruits of your efforts. God bless you, Gus.

Warmest personal regards,


David P. Tidwell

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

P. O. Box 2417, Washington, D. C. 20013

April 8, 1977



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

Dear Gus:

I want to add my congratulations to the many you receive upon your retirement. Yours has been a long and distinguished career. First, 36 years of research with the Forest Service, then 11 years with the Bureau of Land Management.

You've received many awards including the U. S. D. A. in 1957 and the Distinguished Service award from the Department of the Interior in 1971. The various awards demonstrate the high regard for your achievements by both the Forest Service and the BLM.

Thank you, Gus, for a job well done.

Sincerely,

JOHN R. MCGUIRE
Chief

Nicholas T. Mirov
4756 Antonia Court
Sacramento, California 95820

4756 Antonia Court
Sacramento, Ca. 95820
April 9, 1977

Dear Gus:

Come to think of it, I have been acquainted with you for half a century. And a pleasant and profitable acquaintance it was for me! Whenever I wanted to know about range life, cowboys, or grasses I asked you and your help was always prompt and thorough.

I wish you a pleasant retirement, which I am sure will include more research in range management.

Cordially yours,

Nick
Nicholas T. Mirov

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION
1960 ADDISON STREET POST OFFICE BOX 245
BERKELEY, CALIFORNIA 94701

April 9, 1977

Mr. August "Gus" Hormay
U.S. Forest Service
1960 Addison Street
Berkeley, California 94701



Dear Gus:

Happy is the day! Though it probably won't make a lot of difference to you. If retirement is a state of mind, I doubt that you will ever retire. For you, the main difference will be in getting your paycheck from a different office. And in not feeling totally obliged to come to Berkeley when you have an urgent job around the house.

Certainly I will feel very put out if I don't see you frequently. Perhaps when you change payrolls, you will become more regular in your office habits. I hope so. I just can't seem to keep up with the news when you are out in the field. Perhaps you should endow the lab with a subscription to the daily paper! Another advantage in having more control over your time will be to give your garden proper care - if you have enough water for anything to grow. We certainly appreciate and enjoy the many fruits of your labors that you have taken the trouble to raise and then tote over to us. Never did have as good zucchini.

Most of all, I hope that you continue to enjoy a healthy and productive life while you go on to spread the gospel of REST-ROTATION, and give the blessing of bitterbrush to the land. You can be well pleased with what you have already accomplished. Look at the converts right here in the lab. Perhaps if you don't have as large a budget for travel, we will enjoy more of your company and tales of Wells Fargo in early San Francisco. Happy alfalfa sprouts, Gus. Enjoy yourself as much as we enjoy you!

Affectionately,

A handwritten signature in cursive script that reads 'Lee'.

LEE A. PAINE

UNITED STATES DEPARTMENT OF AGRICULTURE

FOREST SERVICE

PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION
1960 ADDISON STREET POST OFFICE BOX 245
BERKELEY, CALIFORNIA 94701

April 9, 1977



Gus Hormay

Dear Gus:

I want to add to the quotes in the letters you have received and which continue to arrive from University Presidents to U. S. Cabinet Secretaries to Editors of outdoor magazines and even down to Plant Pathologists -- my heartiest congratulations and my thanks to you for the years you have given to the biological sciences, to timber and range management, and most of all to the instruction and inspiration that you have given and will continue to give to us "old timers" and to the students in our laboratory.

As Jack Oswald said to you, we have been together for a long number of years, and -- if luck is on my side -- we will continue to be together for even a longer time. Eventho I sometimes think I know all the answers, you show up to remind me about Mother Nature.

Rather than reiterate all the things we have done together in the field and laboratory -- I would rather take a quote from the book of William Darlington - Agricultural Botany, 1847, to "The young farmers of the United States this humble attempt to aid and persuade them to cultivate a science essential to an enlightened agriculture."---

"I address myself to the youthfull and aspiring Agriculturalists of our country, who seek to elevate their noble Profession to its just rank among human pursuits, - and who feel the exercise of intellect, as well as of muscle, is indispensable to the accomplishment of their purpose."

Are you sure you didn't teach Darlington too?

Happy Bitterbrush

BOB BEGA



IN REPLY REFER TO

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
District Office
P. O. Box 1090
Susanville, CA 96130

April 9, 1977

Mr. Gus Hormay
Pacific Southwest
Range & Forest Experiment Station
P. O. Box 245
Berkeley, CA 94701

Dear Gus:

One of the highlights of my career has been the privilege to have worked with you for 12 brief years out of your '49'.

One of my regrets is that the Bureau has encountered so much difficulty in properly planning and applying rest rotation.

I believe it was Vincent Hugo who stated, "No force on earth is so strong as an idea whose time has come."

Your contributions to rangeland management have been monumental. Most of the fruit of your efforts is yet to be born - but it will be born.

All land managers need the data from your long years of research, Gus; God speed in publishing it.

My deepest thanks for all the help you've given me for the last 12 years and for all the help you've given the Bureau.

I treasure fond memories of our friendship.

Very best,

C. Rex Cleary
District Manager





IN REPLY REFER TO

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
District Office
P. O. Box 1090
Susanville, California
96130

April 9, 1977

Mr. Gus Hormay
Pacific Southwest
Range & Forest Experiment Station
P. O. Box 245
Berkeley, CA 94701

Dear Gus:

To me you were a legend before I ever had the privilege to meet you. From my first days with the Susanville District, which now total almost six years, your name constantly surfaced as the rest-rotation grazing expert. Wanting to know more, I was given your pamphlet to read. True, it enlightened me to rest rotation grazing, but it did not tell me anything about Gus Hormay - the man.

The Tuledad-Home Camp EIS started out on the plus side from my viewpoint. It brought you to Susanville and we had the opportunity to meet.

Its been a real pleasure to have been associated with you in the small way I have. I've even overcome the stigma of being labeled an "artifact thief".

Gus, I wish you the very best upon your retirement although knowing you, I'm sure it will be just a process of shifting work priorities.

Very sincerely yours,

Connie

Connie L. Kingston
Public Information Officer



PSW

Buckley

A - *Dorothy*

6520 Financial Management

April 12, 1977

Post Retirement Research - Gus Hormay

Charlie Philpot
Riverside

Attached is a copy of an undated letter Bob Callahan received from Gus Hormay, a ELM range conservationist who is retiring in May on mandatory retirement. As his letter explains, he wishes to continue working after retirement and concentrate his efforts on range research of benefit to PSW.

Bob's pencil notes on the copy documents his commitment to Gus. Since the current funding authorization from BLM will carry him through September 30, your commitment starts October 1, 1977 and should continue through FY 1978. ELM currently pays for two days secretarial services per pay period, \$2001 per year for space, and \$1063 for General Administration.

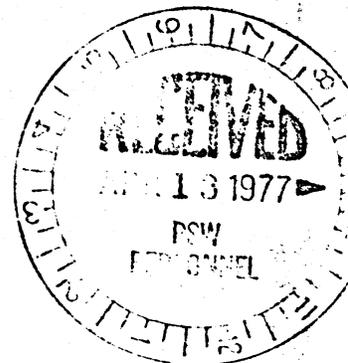
We assume that Maude Norris will continue providing secretarial support to Gus. The funding of her support to Gus and the cost of space probably should be from Gale Wolters' project funds based on the derived benefits. And, since the research effort is in range, we would prefer to have Gus answerable to Gale or yourself as to his plans and time schedule for completion of the products he has enumerated.

In the meantime, we will explore the nature of the agreement we can place him under to protect him in case of an accident during his work time.

~~Marshall E. Spencer~~
MARSHALL E. SPENCER
Acting Director

Attachment

cc: Buckley ✓



April 19, 1977

Dear Gus,

Jay and I want to say again "Happy Retirement" and don't work too hard!

Your party was just great — so good to see everyone.

Sorry we did not get Mr. Dunning there. He is almost a neighbor but is almost a recluse too.

Hope to see you again soon!

Best Wishes,

The Jay Bentleys

by Clea

[1977, APR]

Apple & Dee Walker
Joy & Olive Bentley

Don & Mrs. E. Mueller
Mrs. M. [unclear]

Mert Reed
Harold and Ruth Biswell

Bob & Laura Jarvis
Glen S. Fletcher

Lucille Kraebel
Clark & Barb Gleason

Babs. Goldman



Arad. [unclear]

enjoy yourself Kirk Clark

Babs & Calman
Angelica Guzman Vince Long
Canna K. Selby Don Duncan
Bill & Betty Colwell
Carl Wilson

Joseph Ishigawa Roy Gordon
John & Mary Large Terrell
Romaine Taria

Enjoy yourself - Don Doriswell
You are the greatest, Carl Bump
Ed Drellman Dan Cheatham

Wildfire Prevention Project

PSW Activities Committee
Edna & Reed Miller
Henry and Dorothy Anderson
Nick Miron Connie Kingston
Russ & Parro
Laura Belle McCann
Ken & Alice Cleary
Dick and Shirley Hubbard
Mimi and Abe Broido
Bruce & Helen

(see reverse)

Bob & Joan Beza
Roue Deal

Lots of Luck - Bob & Fran
Cianara
Newart & Frank Sacconney
Enjoy retirement

"Crim Rock"
"Rest and Potate" - Bob Schreff

Don't forget the newspaper!
Lee A. Paine

Bill Cinton
"Happy Retirement"
Romaine & Sidney Morris

Have Fun! Leonard Lee - "your friendly
town clerk"
I am jealous - B. Ernest Ford

Wishing you much happiness
Shirley Takahawa
Good Luck to you and much
happiness. Been good working
with you. Ellen Stafford

Much happiness, Gus,
Jim Smith
Best of luck Hervey & Smith

Sam Tancit
Bob Callahan
Maggie A. Arthur