

GLASGOW ELKS  
- HORMAY -

GRAZING MEETING - 3-6-79

JOE ETCHART	MT ASSN. GRAZING DIST.	GLASGOW
DICK JOHNSON	MONT. F&G	GLASGOW
BOB MARGEL	FWS	FORT PECK
R. T. BAILEY	FWS	LEWISTOWN
DENNIS MACOMBER	FWS	FORT PECK
RAY DECK	DNRC	HELENA
MIKE AIDERHOLD	MONT. F&G	GLASGOW
K. BRUCE CAMPBELL	F&G	GLASGOW
JOE EGAN	FISH & GAME	HELENA
STEVE NICKELS	RANCHER	NASHUA
LEO NICKEL	RANCHER	NASHUA
DICK TRUETT	MONT. F&G	GLASGOW
C. E. LABEL	MPHC	BILLINGS
SEVER ENKERUD	W. G. A. RANCHER	GLASGOW
GAY C. HINDAL	RANCHER	KEY
GAY STUBB	MONT. WILDLIFE FED.	HAORE
WALT COLLINS	Ft Peck Game Range	Ft Peck
JOE KLABUNDE	Commissioner	HAORE

UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

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

1630

March 14, 1979

┌ Ronald A. Michieli  
Executive Director  
Public Lands Council  
Suite 1020  
425 - 13th Street, N.W.  
└ Washington, D.C. 20004



Dear Ronald:

Enclosed are three publications on rest-rotation grazing.

How livestock grazing habits and growth requirements of range plants determine sound grazing management. Journal of Range Management. July 1956.

Rest-Rotation grazing . . . a new management system for perennial bunchgrass ranges. U.S.D.A. Forest Service. October 1961. Report No. 51.

Principles of rest-rotation grazing and multiple-use land management. U.S.D.A. Forest Service. Training Text 4 (2200). September 1970.

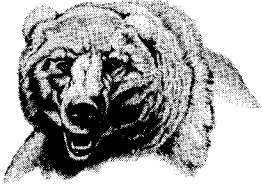
Training Text 4 came out under two covers, Forest Service and joint BLM-Forest Service. The Journal of Range Management article is the first I published on rest-rotation grazing. Production Research Report No. 51 explains the technical basis for this type of grazing.

I believe you know that in asking for these publications you have assumed an obligation to spread the word of rest-rotation. I, a San Francisco raised Hungarian, will be watching you.

Very best regards,

A. L. HORMAY

# STATE OF MONTANA



## DEPARTMENT OF

## FISH AND GAME

Box 1462  
Havre, Montana 59501

*March 16, 1979*

August L. Hormay  
101 Acadia St.  
San Francisco, Calif. 94131

Dear Gus,

Thanks for agreeing to exchange slides on Rest-Rotation Grazing management with me. I have sent for duplicates of some of my slides for you. You should receive them in two weeks.

I would like copies of the following slides if possible-these would be mostly from the talk you gave in Billings, Montana on March 9, 1979:

1. Before and after slides of the coulee which was extremely eroded. The first slide showed a coulee in an eroding situation, the second showed the same coulee with good vegetation-in fact the coulee was gradually filling up with soil and vegetation due to sediment being deposited in the vegetation of the coulee bottom.
2. The before and after slides of the water tank or reservoir showing an increase of vegetation in this Riparian area.
3. Someday if you have time, I would like some slides of the effects of Rest-Rotation Grazing on Shrubby plants on Big Game ranges. Some years ago I saw some slides you had of Bitterbrush and the pruning affects of cattle combined with Rest-Rotation grazing which resulted in increased growth of this species.

I am giving a talk on waterfowl in relation to Rest-Rotation the second of April. If the duplicates of the coulee and water tank are done in time I would like to use them in this talk with your permission. If the time is too short, I would appreciate receiving them for future use.

Thanks for your help. If I can ever help you please let me know.

Sincerely,

*Frank M. Gjersing*

Frank M. Gjersing  
Box 1462  
Havre, Montana 59501

Berkeley  
March 23 1979

Frank M Gjersing  
Montana Dept. Fish & Game  
Haure, Montana 59501

Dear Frank

with descriptions

Enclosed are slides on the 3 subjects you mentioned in your letter post marked March 16 1979. Some of the slides are originals and are substitutes for others I'm having copies made and will send you. Please return all original slides when you receive copy-duplicates.

Good luck in your presentations. I am glad to see your continued enthusiasm for restoration grazing.

Best regards

Gus Sturman

Page 1.

Berkeley CA

Mar. 23 1979

## Hornay slides - Rest-rotation grazing

1. Subject: Vegetation establishment around stock pond in meadow type (3 slides)

Slide	ALH No	Date	Photo	Subject
①	6619	10/22/65		Heavy grazing and trampling on <sup>stock</sup> pond bank.
②	11,801	7/21/69		Thickening of vegetation on pond bank with RR grazing
③	11,800	7/21/69		Dense cover of herbaceous species establishing on better and more moist soil sites around stock pond.

Above photos taken in Shoestring Meadow Pasture 4 Harvey Valley Cattle Allotment Lassen National Forest, California.

## Hormay slides

2 Subject Erosion control in meadow site  
with rest-rotation grazing (5 slides)

Slide sequence No	ALH No	Date Photo	Subject
①	3024	12/59	Actively eroding gully in meadow site
②	4276	1/4/63	A site about 100 feet down slope from the one shown in slide 1 showing evidence of vegetation regeneration and erosion control 11 years after start of RR grazing
③	15,532	7/10/74	Site shown in slide 2 after 22 years of rest-rotation grazing
④	3139	6/21/61	Gully just below the site shown in slide 2 showing vegetation establishing in <sup>gully</sup> bottom after 2 years of rest-rotation grazing

Cont'd

## Hermay slides

## 2. Subject Cont'd

Slide Sequence No	ALT No	Date Photo	Subject
(5)	18,430	10/21/75	Gully shown in slide 4 after 73 years of rest-rotation grazing. Soil level raised some 18 inches. Water table rising.

Preceding photos taken in Shocstring  
Meadow HV, Pasture 4 Lassen N.F., California

## Hermay slides

3. Subject Bitterbrush response to  
rest-rotation grazing (by cattle)  
(17 slides)

Slide Sequence No	ALH No	Date Photo	Subject
①	6785	-	Bitterbrush plant closely hedged by cattle. In this form bitterbrush highly vigorous and grows profusely when left ungrazed
②	12,282		Bitterbrush plant that was grazed closely by cattle on the lower portion the pre- vious year. Note the greater growth on the grazed portion than on the portion
③	9069	3/3/68	Site of Wells Meadow deer winter range near Bishop California at the



## Hormay slides

## 3. Subject Cont'd

Slide Sequence No	ALH No	Photo Date	Subject
③	....	Cont'd ---	base of The east slope of The Sierra Nevadas.
④	6883	}	Typical use of bitterbrush by deer. Note The open crown and small globular twig masses. In this form The plant can be heavily debilitated and debudded resulting in reduced herb- age yield or The plant may die.
⑤	20,295		
⑥	20,278		Condition of bitterbrush on a portion of Wells Meadow grazed by deer only.

Hormay slides  
3 Subject Cont'd

Slide sequence No	ALH No	Photo Date	Subject
⑦	7700D	1967	Small bitterbrush plant, #30 closely hedged by cattle in 1966. Photo taken in The spring of 1967. Plant is on a portion of Wells Meadow deer winter range under rest-rotation grazing with cattle.
⑧	8540	8/11/67	Plant #38 after current growth about completed.
⑨	20,308	9/13/77	Plant #38 after 10 years of rest-rotation grazing. The plant has increased greatly in size, has maintained high vigor and is producing much more forage than plants of comparable size grazed only by deer

## Hormay slides

## 3 Subject Cont'd

Slide Sequence No	ALT No	Photo Date	Subject
(10)	20,360	9/14/77	Condition of bitterbrush on a portion of the Wells Meadow deer winter range grazed by deer only
(11)	14,710	6/18/73	Bitterbrush on a portion of Wells Meadow grazed by both cattle and deer. The cattle under rest-rotation grazing management
(12)	18,691	10/29/75	Growth on bitterbrush plants in rest year under rest-rotation grazing by cattle. Ninth year of such grazing

End

JOSEPH J. THACKABERRY  
LAND MANAGEMENT CONSULTANT

(208) 345-0975

March 30, 1979

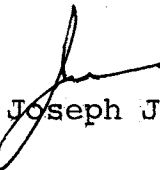
528 Idaho Building  
P. O. Box 1405  
Boise, Idaho 83701

Mr. August L. Hormay  
Pacific Southwest  
Forest & Range Experiment Station  
U. S. Forest Service  
P. O. Box 245  
Berkeley, California 94701

Dear Gus:

At your convenience would you please call me collect at Area Code 208-345-0975. I have a range matter that I wish to discuss with you.

Very truly yours,



Joseph J. Thackaberry

JJT/bm

CC: Mr. August L. Hormay  
101 Acadia Street  
San Francisco, California 94131