

First plan (Smoothed out)

PSW Forest & Ranges Exp. Stn.  
PO Box 245  
Berkeley, CA 94701  
April 20, 1978

Arnold Foss  
Regional Game Manager  
Montana Dept. of Fish and Game  
Route 3, Box 274  
Bozeman, Montana 59715

Dear Arnold:

It is less than two months to the beginning of the grazing season on the Mt. Haggin Area and time to finalize grazing plans for the coming year. I assume you will use rest-rotation grazing this year. Following is my suggestion on a system and how to get under way with it this year.

First as a generality I suggest you view the next three years, while the present grazing contract with the Mt. Haggin Ranch is still in effect, as a trial period during which the main objective will be to gather as much information as possible for planning judicious management of livestock grazing and other uses on the area.

#### Grazing system

I suggest the 3-treatment (3-pasture) rest-rotation grazing system diagrammed on page A attached. With this system the pasture getting treatment A is grazed from the beginning of the season until seed-ripe time and then is rested to the the end of the season. The pasture getting treatment B is rested from the beginning of the season until seed-ripe time and then is grazed to the end of the season. At seed-ripe time cattle are moved from "pasture A" to "pasture B". This move can be made over a period of several days--up to 14 or more. The pasture getting treatment C is rested season long.

#### Seed-ripe time

Base this on the development of bluebunch wheatgrass on plot 1-H established by Mike Frising at 7400 feet altitude between Beaver and California Creeks near the continental divide. Seed-ripe date will probably fall between August 1 and 15.

Season of grazing

Use the one specified in the grazing contract.

Pasture layout

The location of suggested three pastures is shown on the map on page B attached. The entire Mt. Haggin area is included in the grazing system.

Pasture treatments

The grazing treatments--A, B, C--may be assigned to the pastures in any way desired the first year of grazing. Treatment A may be applied in pasture 1, treatment B in 2 and treatment C in 3. Or A maybe applied in 2, B in 3 and C in 1 and so on. Grazing treatments in the pastures after the first year are fixed by the placements made in the first year. They follow in A, B, C order in each pasture over time according to the grazing formula.

Grazing schedule

The grazing treatments in each pasture can be programmed several years ahead in a grazing schedule. Two different schedules can be written for Mt. Haggin. They differ in the way the cattle are handled. See page C.

In Schedule I cattle are moved from "pasture A" to "pasture B" in a counter clock-wise direction. See page D. In Schedule II they are moved from "A" to "B" clock-wise. See page E. It may be more practical and economic to move cattle in one direction than another.

Let the permittee decide which pastures he prefers to graze first and second and to rest this year. Also let him decide on the grazing schedule and direction of cattle movement.

*Clock-wise rotation (page E)  
used in 1978*

Stock rate

Adhere to contract specifications.

Stock distribution

Allow the permittee to handle and distribute cattle in the pastures as he sees best.

Salting

Try to get the permittee to place salt some 200 to 300 yards away from water and deep productive soil areas such as meadows and ravine bottoms. Where possible, salt should be placed on flat, relatively unproductive sites.

I am scheduled for jury duty in May. Hope I am finished in time to visit you before June 15. I would like to see the Mt. Haggin Area before grazing is started this year. Also I'd like to discuss ideas you may have on making an inventory of the resources and condition of the area and preparation of a management plan.

Sincerely,

A handwritten signature in cursive script, appearing to read "A.L. Hormay".

A.L. Hormay

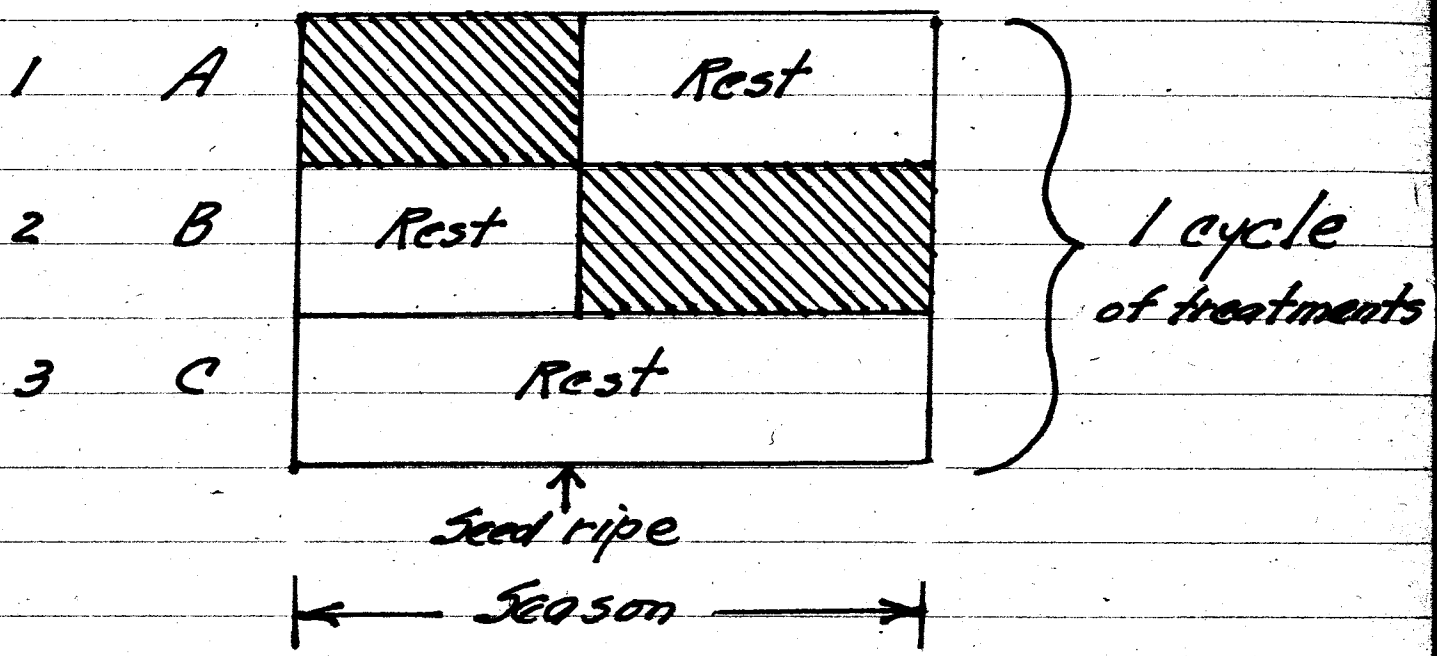
Enclosures

cc: M. Frisina

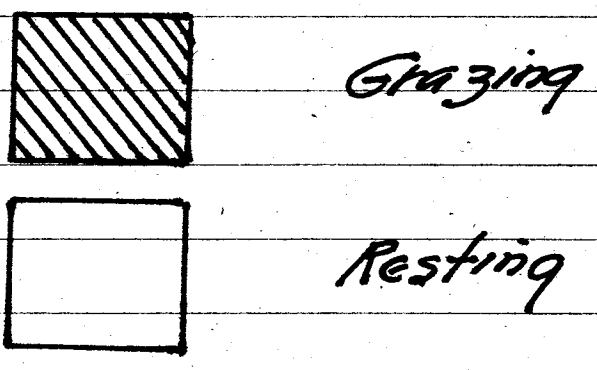
# Grazing Formula

## 3-treatment Rest-Rotation Grazing System

Year: Grazing Treatments



### Legend



MT. HAGGIN AREA, MONTANA

Fences 

Anaconda-Ralston Highway

Continental Divide

Grassy Mountain

Sugarloaf Mountain

Land Ownership



Montana Fish and Game Department



Bureau of Land Management (BLM)



State School Board

Legend



Pasture No 1

# Grazing Schedule Choices for Mt Haggin Area

Schedule I Counter clock-wise movement of cattle between pastures

Year	Pasture Number		
	1	2	3
	Grazing Treatments		
1	A	B	C
2	B	C	A
3	C	A	B
4	A	B	C
5	B	C	A

Schedule II Clock-wise movement of cattle between pastures

Year	Pasture Number		
	1	3	2
	Grazing Treatments		
1	A	B	C
2	B	C	A
3	C	A	B
4	A	B	C
5	B	C	A

MT. HAGGIN AREA, MONTANA

Fences 

*Cattle movement at  
seed-ripe time, "A" to "B",  
in Schedule I counter  
clock-wise*

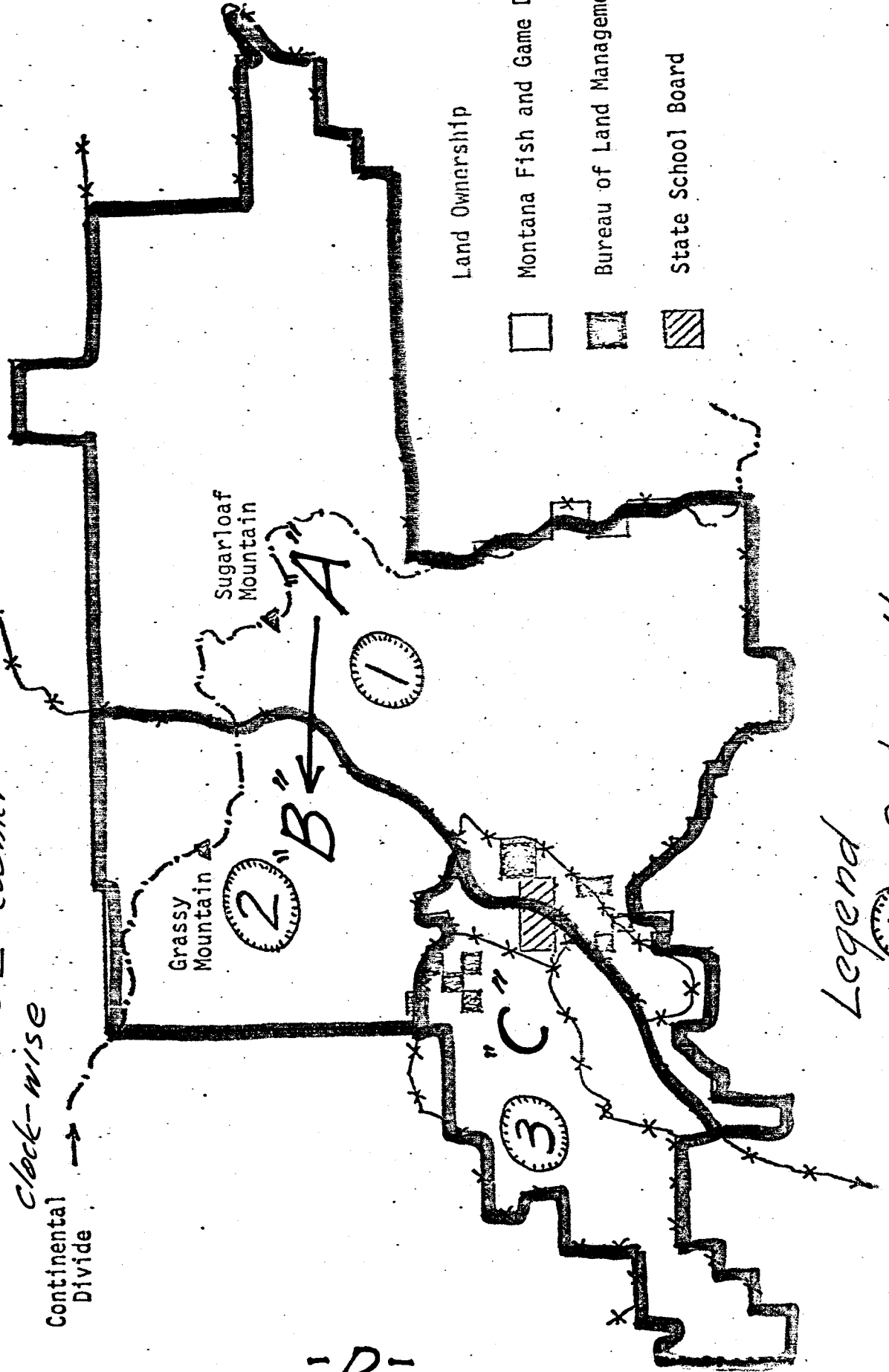
Continental  
Divide

Anaconda-Ralston Highway

Grassy  
Mountain

Sugarloaf  
Mountain

101



Land Ownership



Montana Fish and Game Department



Bureau of Land Management (BLM)



State School Board

Legend



Pasture No

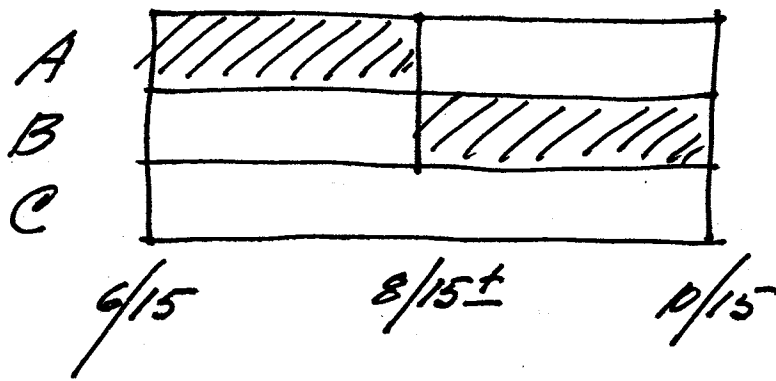
"A", "B", "C" Pasture treatments

Montana Department of Fish and Game

1978

RR Grazing Formula & Schedule  
Mt Haggin Area

Formula (Suggested April 20 1978)  
- Adopted



Grazing Schedule  
(Clock-wise rotation in pastures used)  
See attached map of pastures)

	Pasture		
	1	2	3
	Treatments		
1978	A	C	B
1979	B	A	C
1980	C	B	A
1981	A	C	B
1982	B	A	C



MT. HAGGIN AREA, MONTANA

Fences

Anaconda-Ralston Highway

Continental Divide

Grassy Mountain

Sugarloaf Mountain

A 78  
B 79  
C 80

C 78  
A 79  
B 80

Land Ownership



Montana Fish and Game Department



Bureau of Land Management (BLM)



State School Board

Legend



Pasture No

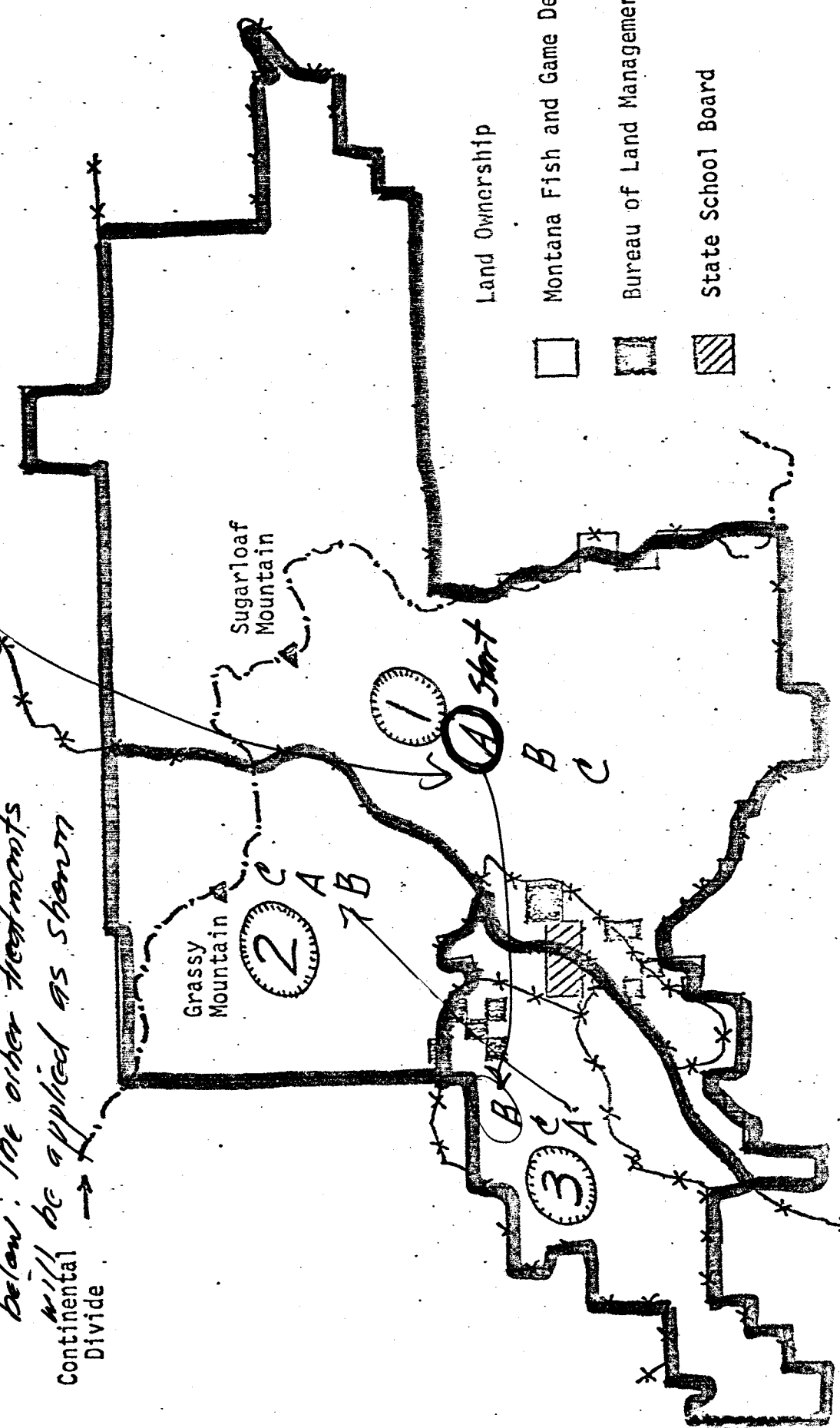
June 23/78

MT. HAGGIN AREA, MONTANA

Grazing started  
June 15 1978 with the  
pasture treatment shown  
below. The other treatments  
will be applied as shown  
Continental  
Divide

Fences

Anaconda-Ralston Highway



Land Ownership

Montana Fish and Game Department

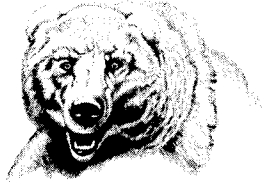
Bureau of Land Management (BLM)

State School Board

Legend

1 Pasture No

# STATE OF MONTANA



## DEPARTMENT OF

## FISH AND GAME

Helena, Montana 59601

April 24, 1978

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

Dear Gus,

Mr. Neil Martin, our Wildlife Manager at Miles City, is interested in a rest rotation system for the Long Pines Area of Carter County in southeastern Montana.

He would like to set up a trip to the area with you and has asked if I would make the initial contact with you. Perhaps on your next visit to Montana some sort of tentative schedule could be arranged.

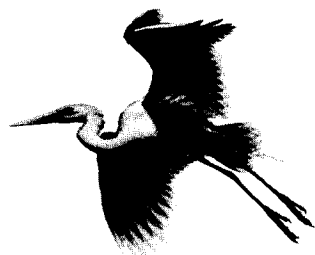
Sincerely,

A handwritten signature in cursive script, appearing to read "Joe", with a long horizontal line extending to the right.

JOSEPH L. EGAN, Asst. Administrator  
Wildlife Division

JLE:kc

cc: N. Martin



# National Audubon Society

950 THIRD AVENUE, NEW YORK, N.Y. 10022 (212) 832-3200 CABLE: NATAUDUBON

April 25, 1978

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

Dear Mr. Hormay:

I want to thank you personally for enrolling as a Life Member of the National Audubon Society and for your contribution of one thousand dollars in support of its work.

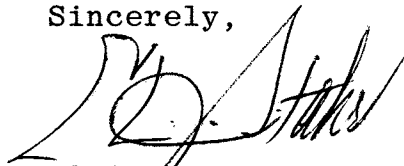
In appreciation, we are pleased and excited to be able to send you a limited edition print of the Great Egret, reproduced directly from the original work painted by John James Audubon. That magnificent painting has never before been reproduced, and further publication will not be permitted. You will be sent Print #427 (of 950) shortly by the Mill Pond Press in Venice, Florida.

You will also receive a lifelong subscription to AUDUBON magazine, a handsome Certificate of Life Membership, and a laminated pocket card granting free admission to Audubon sanctuaries where there is an admission fee.

This Society is deeply committed to educating people to an intelligent appreciation of their natural heritage and to developing individual and collective responsibility for the wise use of natural resources. Your new commitment to that cause is inspiring to us.

Please accept our genuine appreciation and warm welcome.

Sincerely,



Elvis J. Stahr  
President

EJS:nt