

Tech Notes

Type Soil veg
Exposure Slope

Photographs
① 1. Altamont May 3
Hillside dry and green

2.

May 3 Monday
 Left Berkeley in gov car
 USDA 64 856 with
 F Douthitt @ 11AM
 Lunch Gustine
 Supper Tulare 8:00PM
 Lodging " "
 Ice Livermore 75¢

May 4
 B Tulare 9AM
 L Walker Pass
 S Bishop 7:30PM
 L " " 2.00
 Ice Bakersfield 15

May 5
 B Bishop
 L Mammoth
 S Bishop
 L " 2.00

Bitterbrush Notes 5/4/43
Walker Pass 3 miles west
Found pt and rodent
caches Flowering 3/4 thru
Lone Pine

Pt flowering at peak
Flowers - Petals pale cream to
lemon yellow Leaves small
dark, tomentose only on top
then lightly - Leaves on seedlings
densely hairy both sides

5/5/43

Mammoth Ranger District

Rodent caches of bitterbrush
seeds very numerous in timber (JP)
and open sage-jst types through-
out district where old plant
were moderately to lightly grazed
Rodents caches emerged from
soil when adult plants in 1/2 leaf
and no flower buds showing.

seedlings in
Survival of rodent caches
depends very much on soil
moisture? and eating by rodents?
Very little reproduction becoming
established in spite of large
number of rodents caches

Composition of stand to determine
reseeding survival possibilities

May 10, 1943

Truckee Bitterbrush & lowering
above Verdi. In leaf at
Truckee

May 6

B. Bishop Left 11 AM
L. Mammoth
S. Bridgeport 4:30 PM
L. Bridgeport.
Glenn Jones Ranger

May 7

B. Bridgeport 12 noon
L. Robinson Crk
S. Carson City 6:20 PM
L. " " 1:15
Gilbert Doll Ranger

May 8

B. Carson City
L. Carson City Doll's
S. Reno 2 PM
L. Reno 3:10 PM

May 9

B. Reno 8:30

L. Dog Valley

S. Truckee 4:15

L. " "

Problems

Reseeding meadows for
forage in permanent Control
banks for erosion

May 10

B. Reno.

L. Truckee 1:30 PM

S. Portola

L. Susanville. 11 PM

Met Smider and Smith on Tahoe

Planted 2 fifty stake strips
of stratified Pt. One on
burn E of airport and one
on caterpillar killed area.

Bitterbrush on latter site 80%
killed. Went to Delake and
met Dekamp and Ranger
Gistard. Examined reseedling
on burn and fast planting
strip of bitterbrush.

May 11

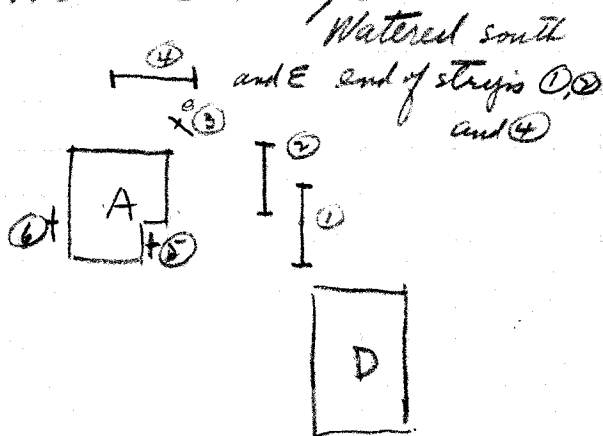
B. Susannahville 9:20

L. Halls Flat Nat Gov

S " " Gov Arr 4:44

L " " " "

Planted Pt strips
broadcast between
A and D bldgs



May 12

Left Halls Flat BAMA

B. H.F. Gov.

L. Bunchgrass Valley

S. Fall River Mills 5PM

L. " " " R.S. Gov.

Planted 75 stakes in
Bunch Grass Valley enclosure
with four sets of bitterbrush
seed around each stake
as follows

10" from stake { North Dry SCS seed
South strat SCS "
West " " Pilot Crk 1941
East " " Tahoe seed.

Also planted 75 stakes
near Bear Wallow mt
as follows

N SCS seed dry
S " " strat

May 13 1943

Test
Cauldron

Blue Mt Enclosure

16 spots germinated
out of 100

- Two spots
- |||| near each stake
- N and S.

Poor planting prob. resulted
in rodents finding seed

Planted Stratford SCS seed
E and W of stake May 13/43
East Dry SCS seed
West Strat SCS 114

1. Good germination of ST
tall larch.

May 13

- B. Fall River Mills
- L. Blue Mt. Enclosure
- S. Tule Lake. 7:PM.
- L. " " R. S. Gov.

Plant Pt with George Combs
Ranger Happy Camp Dist.
Floyd Iverson. FDDA LIT.

May 14

- B. Tule Lake 8AM
- L. Near Hackamore
- S. Shasta City 7:50PM
- L. " " 2:PM

May 14/43

Drylake - Double Head Dist
near Tule Lake

G. Fischer

F. Douthett

A. L. Hormay

Planted 100 ft canes
west side of stakes
(numbered side) 50 on
each side of road
running north from house
Variable number of seeds
planted

Type

Et burn

Remnant species

Pt

Prunus

ART

Poa

Ribes

Stipa

Sitanion

Yarrow

May 14
Met Abell on road
North of Weed. Gave
him supply of Pt seed
for spring planting.

May 15
13. Mt Shasta Dr
L. Train
5. Train Dr
Arrived Berkeley 9:30 PM
by S.P. train

Friday May 21
G. C. Wood Ranch.

April 4.

Quarterly of The Society
of Calif. Pioneers
VI No 4 Dec. 1929

June 10
Left S.F. @ 9:15 AM
Lunch Healdsburg
Supper Garberville
Lodging Eureka 9:40 PM

June 11
B. Eureka
Doug. Pine Form Advisor.
L. Arcata
S. Eureka
L. " "

Looked over Klamath Weed
area 35 E of Arcata on
Redding Rd. Took erosion
photos.

June 12 Sat

B Eureka 7:15 AM
L Blacksburg
S Weaverville 10:20 AM
L " "

June 13 Sunday

B Weaverville 10 AM
L Redding
S Mt Shasta City 7:30 AM
L " " "

Left Geo. Ward at Redding
Went by bus from Redding
to Mt Shasta and picked up
3912

June 14.

B. Mt Shasta 6:30 AM
L. Dorris
S. Canby
L. Govtalls Flat. 8:45 PM

June 15

B. Govtalls Flat. 8:30 AM
L. Susanville
S. Reno.
L. Feather River 10:30

June 16, 17, Feather River Fire
School
BLS BLS

June 18

B. Rock Ck
L. " " Left 3:00 PM
S. Quincy
L. F. River Gov.

Bitterbrush
Halls Flat June 15/43.

Planted too deep and
under dry soil conditions
Watered plots germinated
better than unwatered plots.

Strip	Counts ^{50' E side}	
	Watered	Unwatered
1	13	14
2	17	5
3	4	3
4	31	5
5	0	1
6	1	1

June 14

Very heavy tent caterpillar
infestation around Bodger and
Brown's Well. May kill the
defoliated plants.

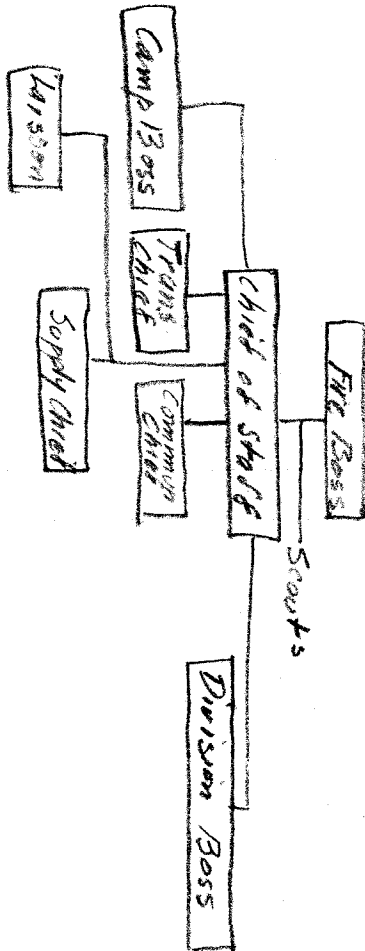
June 15

N side Crater Mt. S. of windy
gap along fence. Practically
no flowers formed on Pt
in locality. Cause? Weather?
Caches from last years bumper
seed crop numerous and thirsty.

Average depth of planting by
rodent $\frac{3}{4}$ ". Range $\frac{1}{4}$ " - $1\frac{1}{2}$ "
In reseeding plant $\frac{1}{4}$ to 1 "
deep - below soil surface.

June 16/43
Fire Training School
Jones.

Pluma's Fire Organization



June 19
B. Quincy Left
L

June 19

B Quincy Left 9:00 AM

L Woodland

Arrived Berkeley 9:00 AM

@ 3:45 PM

July 7

Left Berk got car 39E

@ 11 AM

L. Vacaville 5 PM

S. Red Bluff

L. " " 5:30 PM

July 8

B. Red Bluff 6:30 AM

L. Susanville

S. Halls Flat 7:30 PM

L. " " 8 PM

Bomb explosion

July 9

B	Halls Flat	Gov
L	Squaw Valley	Not Gov.
S	Halls Flat	Gov
L	" "	Gov

Weighed cattle at B.S.-SV
Fence short This year
Developing late and stunted
and dried by cold.

July 10

B	Halls Flat	Gov
L	B. Spring	Not Gov
S	Halls Flat	Gov
L	" "	Gov

Got plant development
notes in timber type
pasture B.S.

July 11

B. S. L. Halls Flat Gov

Hooked up water
trough in corral at B.S.
Spliced broken pump
rod. A. Barreda
along.

Cattle still in meadows

July 12

B. Halls Flat Gov.

L. Bunchgrass Valley ^{Left 9 AM.}

S. Orville. 7 PM

Lv. Oroville

4:24 AM

8:00 AM

9:35 AM

1:22 PM

4:51 PM

July 13

B. Oroville Left 9AM

L. ^{Woodland} Davis Junction

Arrived SF. 1:45

PM. by Greyhound.

August 1 1943

Left S.F. @ 9.15 with
G. Wood

Lunch Healdsburg 65

Supper Ukiah Arr. 1:30 1.38

Lodging " " 1.75

August 2

B. Ukiah 45

L. " 40

S. " 1.50

L. " 1.66

August 3

B. Ukiah 55

L. Healdsburg 43

Arrived S.F. 7:35 PM. with
G. Wood in his car.

Estimate % bare ground
as well as height of cover
to judge effectiveness
of cover in preventing
erosion.

Do not graze annual type
too closely in winter when
rain is falling and forage
growth has started.

Aug 5.

Left S.F. at 7:00 AM
by Greyhound with
Mr. Tolbot.

B.

L. Crowle 1:17

S. Westwood 6:5

L. Hartslet 8:30 AM

Aug 6 and 7

B. H F

L. H F

S. H F

L. H F

} got.

Weighed cattle Square
Valley

~~Word~~ M.W.T.

~~Wilcox~~ Updike Wilcox

~~Att.~~ Hook

Lord

~~Att.~~

Aug 13/43

Or put into pipe with ft
seed

No 1 - 7 to 8 lbs }
No 2 - 12 to 15 " } 10
No 3 - 25 lbs } AM

Aug. 20 10 AM

No 2 Lost pressure.
the rest apparently OK

Bitterbrush Exp's