January 1934

Jan 6 Saturday
Left Berkeley at 3 PM
in Gov. car USDA 6643
Supper Tracy 45
Lodging Fresno 1.25

Jan 7 Sunday
Breakfast Fresno .35
Lunch " .30
Supper " .50
Lodging " 1.25
Stayed in camp.

Jan 8
Breakfast Fresno
Lunch "
Supper "
Lodging "
Stayed in camp and planned future work in range survey. Examined work done & data on east side. Started to prepare a

Form for the compilation of
data (erosion, rodents)

Jan 9
Breakfast Fresno
Lunch Lemon Cove
Supper Lodging Exeter
Fresno Orosi Woodlake
Three Rivers, Exeter
With Short, Magee, Bentley and
Johnson worked strips of
foothill range lands to get
comparisons between crews.

January 10 Wed.

Breakfast Exeter 30
Lunch Milo 40
Supper Bakersfield 65
Lodging " " 50
Exeter, Milo, Porterville
Delano, Bakersfield.
Worked east of Exeter
toward Milo with both
crews and left for
Bakersfield with Short
and Johnson about 1:45
PM

Jan 11

Breakfast	Bakersfield	40
Lunch	Breckenridge Rt	35
Supper	Bakersfield	60
Lodging	" "	50

Bakersfield, Edison
Breckenridge Int Rd D
Democrat Spgs and W D
Bakersfield
Erosion a problem in grass-
land. Rodent exceedingly
numerous in areas.

Jan 12

Breakfast	Bakersfield	30
Lunch	Fresno	80

Arrived in Berkeley at
6:30 PM in Gov. Car #5 DA
6-643

Rodent estimating acreage

Sick leave Saturday

Jan 13 – 7 hrs

Annual leave

Jan 1 hr.

Wednesday Feb. 7

Left Berkeley at 3:30 PM
in Gov car 45 DA 6-643
destined for Coalinga.
Supper Merced 45
Lodging " 1.25

Thursday Feb 8
Breakfast Merced 35
Lunch Coalinga 40
Supper Taft 60
Lodging " 75
Could not find Bently
and Magee in Coalinga so
proceeded to Taft where I
located Short and Johnson

Friday Feb 9

Breakfast	Taft	40
Lunch	" "	70
Supper	" "	75
Lodging	" "	75

With Larry and Hap worked in the hills north of Taft. Decided to actually sample rodents by counting the R-2 on one acre of land. Samples were taken at the end of every unit

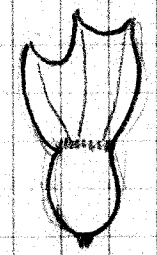
Sat Feb 10

Breakfast	Taft	30
Lunch	" "	45
Supper	" "	75
Lodging	" "	75

Larry and Hap finished a writeup of the Bakersfield vicinity. I worked on the completion form and discussed certain points about the write-ups with the crew.

Taft Feb 9, 1934

Atriplex confertifolia



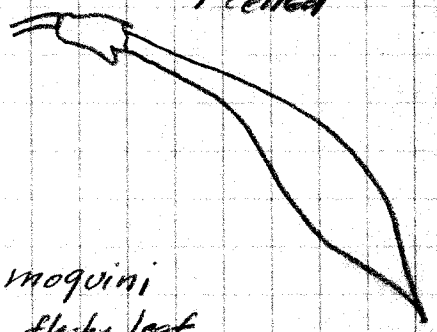
Atriplex polycarpa

Quite a good stand of
Stipa speciosa near
Panorama Hills west of
Maricopa mixed from
Seminole. 40 acres
Annual feed ¼ inch high
but will die for lack of
rain. Density 0.001 Feed
not seen unless one gets
down on knees

Taft Feb 10 1934

Astragalus trichopodus

pod 1 celled



Suaeda moquini
fleshy leaf

Isocoma veneta

Isomeris arborea

Wislizenia refracta (SBV)

Sunday Feb 11

Breakfast	Taft	35
Lunch	"	50
Supper	"	40
Lodging	"	75

Did camp most of day
took a small trip East of
Maricopa to get a line of
vegetable growth

Monday Feb 12

Breakfast	Taft	30
Lunch	McKittrick	55
Supper	Coalinga	80
Lodging	" "	—

Worked about 5 minutes on
the north end of the
McKittrick Quadrangle.

Tuesday Feb 13

Breakfast	Calenga	40
Lunch	" "	40
Supper	" "	30
Lodging	" "	—

In Camp; discussed compilation forms, rodents and field methods with group Bentley, Magee, Short, and Johnson

Wednesday Feb 14

Breakfast	Calinga	25
Lunch	" "	50
Supper	" "	60
Lodging	" "	—

With Bentley, Magee, Short and Johnson' audience

The count of rodents and recording of the data in Los Baños Canyon.
Thursday Feb 15

Breakfast	Coalinga	35
Lunch	Coalinga	25
Supper	Los Baños	52
Lodging	" "	83

Raining. Sheep (7 bands) seen around low hills near Old City.
Left Bentley and Magee at Coalinga and headed for Los Baños where Short and Johnson were located. Soil set down 1½ to 2 inches deep around Coalinga. Will stimulate growth.

1. Compilation form near completion.
2. Recording of small rodents on west side
3. Progress maps up to date & number roads
4. Prepare for composition write up

Friday. Sat 16

Breakfast Los Banos 35
Lunch Gilroy 35
Arrived in Berkeley at 6:PM
in Gov car USDA-6-643
Short and Johnson
writing descriptions of
individual units of the survey.

March 23 1934
Friday
Left Berkeley with MWT
in Gov. car USDA 5-216
at 8:30 AM
Lunch Westley 35
Supper Modesto 65
Lodging " " 1.50
Broke the right hind
axle about 3 miles W of
Westley. Was towed to Westley
and from there to Patterson
where axle was replaced.
Tried out sampling technique
for veg. while up swing around S.J.
Saturday Mar. 24
Breakfast Modesto 35
Lunch " " 40
Worked east of Modesto
on Coutterville Rd.

Trying out different
method of recording
composition, density and
height of regulation.
Arrived in Berkeley at
5 PM in Gov. Car USDA
5-216

Thursday March 29/34
Left Berkeley in Gov.
Car U.S. DA 6643 at
4:30 PM with M W J
Supper Tracy 75
Lodging Los Banos
Met Lipsey and Hoyt at
Los Banos.
Friday March 30
Breakfast Los Banos 25
Lunch " " 35
Supper " " 97
Lodging " "
With Talbot, Hunt and Johnson
tried out methods of recording
vegetation composition on the
5 Mile Palo - Panoche road.

Saturday March 31

Breakfast	Los Banos	35¢
Lunch	Merced	50¢
Supper	Los Banos	45¢
Lodging	" "	

Work T, S, and J discussed
way of recording vegetation
conditions in the valley floor
Inspected a few formations on
the Los Banos-Merced Rd

Sunday April 1

Br. L	S. Los Banos	1.35

Worked SW of Los Banos
in vicinity of Los Banos Creek
Trying out method of recording
data on vegetation. Sampling
at ½ mile interval is
feasible

Monday April 2

Breakfast	Los Banos	25
Lunch	" "	30
Supper	" "	40
Lodging	" "	4½

With Shoot and Johnson identified plant species in the field.

Bentley, Magee and Harrison arrived

Tuesday April 3

Breakfast	Los Banos	20
Lunch	" "	65
Supper	" "	40
Lodging	" "	45

S, B, O, M and Harrison and I discussed and identified plants in camp.

Wednesday April 4.

Breakfast	Los Banos	25
Lunch	" "	60
Supper	" "	60
Lodging	" "	42

The whole party tested the survey method by actual field trial. Ten chain transects as originally planned were dropped and plots at 1/2 mile intervals were chosen

Thursday April 5

Breakfast	Los Banos	35
Lunch	Gustine	40

Short and Johnson started working S of Los Banos and Bentley and Magee north of Los Banos. Harrison and I accompanied the latter party until 2 PM and

Then left for Berkeley.
Arrived at 7:30 PM at Gov.
Car USDA 6-643.

Sunday April 8
Left Berkeley at 2:30 PM
in Gov. car U.S.D.A - 6643
Supper Tracy 80
Lodging Los Banos 45
Enroute to Los Banos stopped at
Patterson to see Magee and Bentley.
Monday and Tuesday
Sweeney Canyon
Br. L S and Lodging 3.25
With Johnson and Short took samples
and discussed plants, notes and
sampling technique.
Wednesday 11
Breakfast - Paicines 50
Lunch - Panoche 45
Bill Shepard Supper - Orestimba Canyon ✓
Lodging " " ✓
Met Magee and Bentley about
5 PM in Orestimba Canyon.

Thursday April 12

Breakfast	Shepard	Grapes
Lunch		45
Supper	Patterson	45
Lodging	Field near by	—
Repair outfit	Mrs. Patterson	25

Friday April 13

Breakfast	Field near by	35
Lunch	" " "	40
Supper	Patterson	50
Lodging	" "	50

1 head of stock for
5 weeks per acre
Avena Fatua, Eroduium
and Clypeo desirable
Crazy Oats - Avena barbata
Land rented for pasture on
west side
$1.00 per year sheep } per
35¢ " " cattle } acre
Season November - June 1

Saturday April 14

Breakfast Patterson 35
Lunch Tracy 50
Arrived in Berkeley at 2:15
PM in Gov. Car USDA 6-643

Thursday April 19
Left Berkeley at 3:30
PM in Gov. Car USDA 6-643
Supper Tracy 45
Lodging Tracy 45
Met Magee and Bentley
Brought out quadrangles
forms, tape, tarp, and 2
blankets from office.
Discussed field work on
West side San Joaquin
and took all quadrangles
and notes pertaining to such.
Outlined work on east side
April 20
Breakfast Tracy 35
arrived in Berkeley at
8:15 AM in Gov Car USDA
6-643.
Charge RR 302
Range Survey
Mra

April 28 1934 Sat.
Left Berkeley at 4 PM
in Ford car U.S.D.A. 6643
Supper Tracy 65
Lodging Sonora 45
Met Bentley and Mayer
at Sonora
April 29
Breakfast Sonora 35
Lunch San Andreas 60
Supper Sonora 40
Lodging " " 45
Worked San Andreas
West slope plots on W slope
on Wallace Ranch Sonora
Road.

April 30 Monday

Breakfast	Sonora	25
Lunch	Curtis Crk	38
Supper	Strawberry	70
Lodging	" "	—

Worked Curtis Crk W slope
plots and discussed
sampling methods in brush
and woodland type with
Bentley and Magee
Snowed 4 inches at Strawberry
1/2 inch at Twain Harte

May 1 Tuesday

Breakfast	Strawberry	18
Lunch	Sonora	45
Supper	Sonora	50
Lodging	" "	45

Worked with boys in
Dense woodland types. Are

Attempting to put in
the lower edge of dense
woodland and brush belt
Not shown on Wheelwright's
maps
Wednesday May 2
Breakfast Sonora 40
Lunch " " 60
Supper Tracy 50
Identified plants in
camp with Bentley and
Magee Discussed
future routes and sampling
methods
Arrived in Berkeley at
8:20 PM in Gov Car USDA
6-643.
Charge 302 ~~Tura~~ ECW
Range Survey

Left Berkeley at 3:30
PM in Gov. car U.S.D.A. 6643
Tuesday May 8, 1934
Carquinez bridge Fare 70¢
Supper Willows 45
Lodging " " 1.25
Enroute to Halls Flat
Wednesday May 9
Breakfast Willows 30
Lunch Susanville 60
Supper Halls Flat 30
Arr 4:30 PM Lodging " " —
Stopped in and talked with
Geo. Gowan concerning matters
at Halls Flat

Thursday May 10

Breakfast
Lunch
Supper
Lodging
} Hall's Flat

Scouted the Black Mt Experimental Forest for areas suitable for sheep research. Water the most important factor under consideration especially on cattle range

Friday May 11

B L S Lodging Halls Flat.
Scouted area N W, W and S of Halls Flat for experimental areas

Saturday

Halls Flat B L S & Lodg.

Saturday May 12
Studied maps and wrote up a few notes. Dunning and Hasel arrived about 10:30

Sunday May 13
Camp.

Monday May 14
B.L.S. Lodg. Halls Flat
Scouted Grays Valley, Pine Crk Flat, Little Harvey Valley and Aspen well vicinity enroute to Blacks Mt

Tuesday May 15
B.L.S. & Lodging Halls Flat
Helped move pump and piping from Halls Flat Station to well site at Halls Flat Headquarters
Wrote up notes

Exclosure Gray's Flat May 14/34

1050' x 1320' Dead ART

Artemesia tridentata

Species	%	Rt	Ht
Grasses			
Stipa sp	1	L	3
Melica bulbosa	T	F	6
Poa sp	T	L	4
Herbs			
Phlox gracilis	90	F	2
Gayophytum (annual)	8	F	4
Lomatium sp macrocarpum?	1/2	FR FRUIT	6
Viola purpurea	T	F	1
Astragalus sp (small mat)	T	F	1
Lomatium (hairy fruit)	T	FR FRUIT	6
Allium	T	Dry Leaf	3
Agoseris?	T	L	3/4

Artemesia tridentata all dead no seedlings seen

Density of above composition .05

Gray's Flat Cont'd May 14/34

No evidence of rodent utilization seen. Only 1 hole observed

Ground very dry down to 6" There a trace of moisture.

6 wire (barb) fence posts 10'

Tr 6-6-6-8-12-

Wednesday May 16
B. L. S Halls Flat
Scouted area north of Halls
Flat in vicinity of Willows Spgs.

Thursday May 17
Left Halls Flat at 8:30 AM
Brk. Halls Flat .25
Lunch Snowville .55
Supper Chico .75
Lodging " " 1.25

Friday May 18
Breakfast Chico
Lunch Sacramento
Arrived in Berkeley at
3:30 PM in Gov. Car # SDA
6643.