

October 4, 1932

Form used

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1. Personal number Wash. number
2. Date
3. Name and type of camera
4. Quality of lens (+4.5 etc)
5. Used tripod, other stable rest, or camera held in hands.
6. Time of day
7. Direction of photograph
8. Description of sky
9. Degree of wind
10. Aperture; time
11. Description of photograph

12. Place

No 1

Oct. 5, 1932

Eastman Kodak

f6.3 lens

Used tripod - picture erect

9:30 AM

North (direction taken) set 6 feet dist.

Sky cloudless very finely hazy

gentle gusts of wind.

Aperture .16 time $\frac{1}{50}$ sec

An excellent and vigorous stand of The perennial bunch grass *Stipa pulchra*

This relict was found in a cemetery where fire and grazing have been excluded for a long time.

Location 1 mile slightly NE of Sonoma. N side of road Catholic cemetery.

No 2 Data same as for No 1 excepting

Picture horizontal

Set at 11 feet

Larger vision of picture No 1

Catholic cemetery

No 3. Data as in No 1
except

Picture horizontal
Set at 10 feet

An area supporting a vigorous
stand of *Stipa pulchra*. This
area is the center of a turn -
about for automobiles and the
tussocks trampled by automobile tires
may be seen in the foreground.

Catholic cemetery

No 4 Data as in No 1
except.

Picture horizontal
Set at 15 feet

Aperture .22 time $1/50$ sec.

The spacing and tufted nature
of *Stipa pulchra* is seen in this
photograph. Its resistance to
trampling by automobile tire
is indicated.

Catholic cemetery

No 5

October 7 1932

Eastman Kodak 95 in photos 1-4 inc

Used tripod - picture horizontal

4:15 PM

North

Sky clear, cloudless

Gentle wind

Ap. 16 time $1/15$

Distance set at 75'

Picture shows rodent damage
to a stand of annual grasses
inside a fenced enclosure used
against live stock.

Fenced Area. Sequoia Front

No 6. (Probably spoiled)

Same as #5 but different angle

Ap. 22 time $1/15$

4:20 PM

Dist 75'

No 6. Purpose same as #5 different angle

Ap. 16 time $1/15$

4:30 PM NE view

Dist 75'

No 6A a close up of pictures 5-6-7

Ap. 11 time $1/10$

4:40 PM dir. NE

Direction of picture E

Dist. set at 100ft.

No 7 Catholic cemetery Sonoma

Oct 26 1932

Eastman Kodak 3A

F 6.3 lens

Used tripod - photo. horizontal

8:45 AM

Direction NE set at 10'

Sky clear cloudless

Slightly windy

Aperture 32 time 1/50

Description same as #1

No 8 repeat of #7

No 9

Oct 26/32

Same as 7 with following exceptions

Distance 100' - horizontal

Ap. 22 time 1/50

9:30 AM

Type picture of vicinity around Catholic Cemetery near Sonoma

Notice Chamise in NW corner

Dense woodland in NE corner

Grossy woodland merging into

open grass land in center of picture

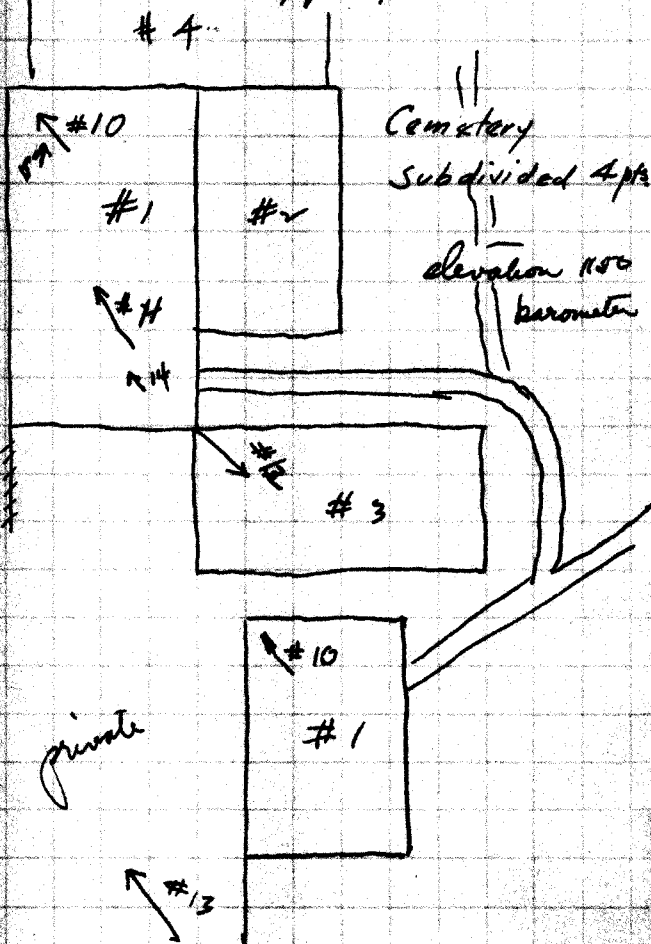
Cemetery is located in an open

space ⁱⁿ grassland in center of

picture notice The house and head stones.

No 10 Copperopolis Cemetery

4



No 10 Copperopolis Cemetery

Oct 26/32

Tripod photo horizontal (taken from top of excavation detritus)

12:45 PM

Sky clear

Windy

Aperture 32 time 1/50

NW set at 25'

No 11 S.

A stand of annual and perennial grasses inside cemetery NW cor. of cemetery #1

No 11 same as #10

1 PM.

Direction NW dis. 50'

Ap. 32 time 1/50

A stand of annual and perennial grasses in Cop. cemetery as a result of protection from grazing and burning

No 12 same as 11 Cam. #3
set at 75' distance SE direct.
Excellent stand of *Avena*
*barbata very few perennials
No 13 Private land immediately
west of The cemetery. Note the
very poor stand of vegetation
much overgrazed. Direct NW
Ap. 22 time $\frac{1}{50}$ dist 100
No 14 not in focus (spoiled)
set at 8' on grass but
lens was at 100' when snapped
Ap. 22 time $\frac{1}{50}$
Tufts of *Stipa pulchra* and
Sitanion species in SE cor Cam. #1
No 15*

Set at 8' 1:45 PM
Ap. 22 time $\frac{1}{50}$
Tufts of *Stipa pulchra*. Tufts
invisible in stand of annual

No 18
Oct 26/32
City Cemetery in Chinese Camp
Horizontal elevation 1200' bar.
4:30 PM
15' distance
Ap. 22 time $\frac{1}{50}$
No 19 same as 18 erect
Contrast on cemetery fence line
No 20

View of cemetery Chinese Camp
4:45 East half
Ap 16 time $\frac{1}{50}$
dist. 100'
No 21
Same as 20 West half
Ap 16 time $\frac{1}{75}$
dist 100'

grasses Therefore choose this
spot where density of perennials
is apparent photographically.
No 16 Type picture around Copper-
opolis Cemetery
2:45 PM. Dir. NE
distance 100' camera in hand
Ap. 22 time $\frac{1}{50}$
No 17 one mile E of Copperopolis
Range abuse on private land
data as in #16 Direc. N80°E
3 PM

No. 22³ Oct. 27, 1932.
Ap 16 $\frac{1}{75}$ 100' in hand
7:30 AM. Dir N
From summit between Chinese Camp
and Jackson.
General view of public domain
Woods Creek.
No 23⁴ + 24⁵
Ap 16 $\frac{1}{50}$ 100' in hand
8:15 AM Dir. NW
From south side of Priest's Grade
Summit. Chamise on public domain
No 25⁶
Ap 16 $\frac{1}{50}$ 100' 8:50 in hand
5 past Big Oak Flat to timbered
hills beyond. Timber on PD lower edge.
No 26⁷
Ap 16 $\frac{1}{50}$ 100' 8:50 in hand
NW stand WYP on hillside; burned
brush.
Mining claims abundant around
Big Oak Flat.

Species around Big Oak Flat

WYP Qwis Annual gr
DP Phytolacca and herbs
Arctos.
Eriodictyon
Ericameria
Cean. aca.

Site 3 12-16" growth/yr
50' high 14" DBH

No 228 Oct 27/32

16 1/50 100' Dir SW in hand
9:20 AM

Erosion gulley 500 yds S of
Priests (summit Priests grade)

No 229

16 1/50 100' Dir S in hand
9:50 AM

P.D. chamise and woodland
4 miles SE of Priests

No 230

10:25 AM

16 1/50 100' SE in hand

2 miles N of Coulterville on Priest
Grade Road

Grassland in foreground, chamise
top to WYP in background.

No 30³¹ Oct 27/32

16 1/50 100 W in hand

3 miles S of Coulterville

Scabby DP.

No 31³²

5 miles S of Coulterville

Data as above dir into Thosun

Small time 11:45 AM

DP C. & Annual grasses, Hemizonia

No 32³³

3 miles N of Bagby

22 1/50 100' dir N in hand

Mixture of types on PD.

Looking up center of small creek

No 33³⁴

22 1/50 100' Dir W in hand

Rancho Dela Mariposa in foreground

PD on summit. Looking up a

Small canyon

2 miles S of Bagby

No 34³⁵ and 35³⁶

1:15 PM

22 1/50 100 - N - tripod

Looking from Rancho Dela Mariposa

2 miles from Bagby N across Merced

River at P.D.

Note Sky clear but hazy on Oct 27/32

No 36³⁷

1:25 PM East 1/3 of panorama

formed by 34 and 35 data the same

No 37³⁸ 2 miles NE of Mariposa

22 1/50 100' E in hand

Burned off 1931 Note lack of
grasses and herbs

Grass sprouting

3:30 PM

³⁹
No 32 3 miles S of Mariposa
road to Merced 4:30 PM
16 5 sec. 12 feet - N tripod
A fine stand of *Elymus*
triticoides No doubt became
established accidentally
Site completely shaded when picture
taken. 200 yds W of standard oil
store house

No 33⁴⁰ October 28/32
12 miles N of Madera
RR right of way
Ap 25 1/10 sec 15' tripod E
Ground cleared by burning
Perennial bunch grass *Stipa*
pulchra now stands out in relief
Many with green basal leaves

⁴³
No 41 Oct 30/32
22 1/50 12 feet in hand NE
Private property 9 miles NE of
Euzis in on Northfork Road.
Stand of perennial grasses.
Elymus sp. *Melica* sp. *Poa scabrella*
Bromus car. on mays. on property
which appears to be but moderately
grazed. Only lightly this year; 10% in
vicinity of picture; type sheet 11:30 AM

No 42⁴⁴
32 1/50 10 in hand NE
Poa scabrella on the edge of
a lava cap 4:00 PM
No 43⁴⁵ *Stipa pulchra* at the base
of lava cap 4:15
16 1/5 15 in hand NE
No 44⁴⁶ same as #43
dist 25' N

Oct 29/32
No 39⁴¹ before new film OK.
Ap 32 1/25 100 tripod NW
Oct 29/32 Kerckhoff Dam #1
3 miles S of Power House No 1
on Northfork - Auberry Rd.
Public Domain on river slopes
Pinus sabiniana, Douglas Oak
dominant 12:00 noon Type sheet
No 40⁴²
Ap 22 1/50 100 in hand SE
Brushy woodland on North slopes
characterizes public domain
This is private land.
12:15 PM. Kerckhoff Dam #1
Type sheet

No 46⁴⁷ *Stipa pulchra* at base
of lava cap in protection
of rocks. E
16 1/5 6 in hand 4:20
No 47⁴⁸ View of lava cap
and steep slopes. Note road
trails 4:30
16 1/5 100 in hand SE
No 48⁴⁹
Lava Cap in distance cattle
foreground 4:45
11 1/5 100 in hand SE
No 49⁵⁰ General view of lava cap
16 1/50 100' in hand N 4:00 PM

No 51 *Stipa pulchra* in cemetery
at Le Grange
22 1/50 12 ft. SE
11:15 AM

Oct 31

Nov 17 1932

9 miles W of Lake County
Line on Road from Williams
to lower lake

79 16 1/25 50 11:30 AM

Mouth of erosion gully N

80 16 1/25 100 general view
of 79 N

81 16 1/25 100

erosion to the east of 79 and
80 (500 yds) N

82 14 miles W of Lake County
line as in 79

16 1/25 50 Chamise and burn
Af. Caun. Qwis.

83 7 miles S of Middletown

16 1/25 100 1:30

looking N Timber on
public domain. Considerable
Pinus tuberculata and some
Cupressus.

84 3 miles N of Calistoga

looking E 2 PM Timber on PD

16 1/10 100

RR 301 Lassen

July 23, 1934

Photo No. ^{Time} Apert. Time Dist. Day Direc. Sky Wind

85 22 1/25 x 11:30 N Chr. Mod

#5 Grays Valley pine area

Dead tree center background

Slope to left. Mature timber

group. Cp. Fi and reprod.

#6 86 Grays Valley pine

Scattered reprod. Fire scar tree
in tree ground with strongly leaning
tree to right //

#7 87 As above Time 1/50
Showing A in stand

#8 88 Red River Lumber Co Land

Sec 17

22 1/50 x windy clear

#9 89 Forest service cabin in

July 24 Halls Flat to be removed

16 1/25 x clear windy 9 AM

#10 (90) Corner fence construction
by CCC labor at Halls Flat

16 1/25 9:30 AM

July 25

#11 (91) 16 1/25 9 AM

Well tower Halls Flat

Clear, slight wind

Photo Nos. 92, 93 and 94

Panorama. No 1-2-3

August 31 1934 NE to E

Burgess Spring Exp Range

Sec. 24 20 chains west of
SE sec. cor. and 1455 feet north
of section line

Time noon, sky clear, windy

Time 10 aperture 11

Typical lack of reproduction
under ^{dense} stands of mature PP and JP
Wyethia mollis is almost lacking and
grass (Festuca idahoensis) is sparse

Photo No 95 #4

1/10 sec. 16 ap. 12:30 PM

Wyethia mollis under PP and JP.
NW.

No 96 - 5 NW

1/10 sec aper. 11 1 PM

Sparse reproduction under
virgin stand of PP and JP
A few white fir may be
seen in the extreme black
ground to the left

#97 - 6 NE 2:30 PM

1/25 - 11

Cutover SE of Cone Jumps
No reproduction. 100

#98 - 7 NE toward
Harvey Mt. 3:45 PM

Cattle strung along
meadow S of Burgess Spring
1/25 - 16

#99 - 8

Thursday Sept 6 1934

16 f/s. Clear 10 AM

Sage and scattered pine S
fence line B. Spring. NW

100 - 9

Across flat toward Cutover timber

16 f/s 10:10 AM

101 - 10

16 f/s skid roads near RR
track

102 - 11

16 f/s Cutover same reprod.
sparse where mature trees were
cut

103 - 12

Jasson 11 f/s 7:45 AM
Clear. South

Exposures in bright sunlight
Burgess Spring and Laramie Mt.

Timber 1/10 - 11

Open " " 1/25 - 11

Open sage and meadows 1/25 - 16

Oct 18 1934
Halls Flat Station

104 1/50-16 8:20 AM
#5 Close view of front
entrance and cattle guard

Looking NW

105 1/50-11 8:30 AM
#6 Distant view of above
Look NW

106 1/50-11
#7 Angle view of above at
50 ft. Looking SW

107 1/50-11 8:45
#8 Well tower Looking NW

108 1/10-8
#9 Rear view office building

109 1/5-6.5
#10 Front of office building
110 1/5-11
#11 Gate rear entrance
111 1/5-8
#12 Studding on new well
tower house

Oct 19 1934
Burgess Spring
Sec. 24

112 1/25-16 Clear 10:15 AM
#1 *Festuca idahoensis* on
NE side of tree in sage
opening. Looking SW
50' NE Stake 8-60

113 1/25-11 Clear 10:30
#2 Sage in timber. Typical
open stand with young trees
ABT. 40' S of Stake 10-51/2
Looking slightly NW

114 1/10-11 11:30 clear
#3 Stamin Cp Type. with
suppressed reproduction
On Sec line 1 1/3 chains E of
Stake NO2-80 EL 6028.5
North side Sec 24

115 1/5-8 11:45 clear
#4 Pure stand of *Festuca*
idahoensis in an over mature
Pland JP stand. 40' south
of stake 14-70

116 1/10-11 12 Noon clear
#5 Same as above but diff.
location

117 1/10-8 2:30 PM clear
#6 Dense timber. Vegetation on
ground floor is densely sparse.
25' WNW of stake 13-35
Sec 24

118 1/25-11 3:15 PM clear
#7 Sage flat. AR arborescens
stand on right. 1 1/2 chains SW of
Stake 7-35 and 1 1/2 chains NW of
Stake 7-32 1/2. 14' NW of 8" juniper

119 1/5-11 3:35 PM Clear
#8 *F. idahoensis* in a circle
under the low crown of a
juniper. Juniper 1 1/4 chains
W of stake 7-47 1/2 Photo
taken 20' S of juniper.

120 1/5-11 4:00 PM Clear
#9 Looking E along fence
from Blyden Spring

Halls Flat November 18, 1935

No	Time	AP	Stk	Time
121				
MT Lassen (park)	1/5	72	α	9
122				
Gate - Bldg	1/5	32	α	9
123				
MT Lassen along fence				
Horse pasture	1/10	32	α	9:30
124				
MT Lassen gate				
Horse pasture	1/10	32	α	10
125				
B Bldg				
126				
ADCT Bldgs	1/5	8	α	10
127				
Well tower	1/10	32	α	10

Halls Flat Nov 17/35

128 A Bldg 1/10 32 α 11
129 T Thompson 1/10 75 α 11
130 Corral trough 1/5 32 α 2:15
131 " " Scale 1/10
panorama
132 Corral interior 1/10 32 α 2:30
toward scale
133 Measuring cans 1/5 32 α 2:30
134 Set-up 1/5 32 α 2:30
135 windmill corral 1/2 32 " "
136 Outside trough 1/2 32 " "
137 Toward corral 1/5 32 α 3:30
in lane

138 Evaporation 1/2 32 α 3:30
trough - corral
139 Coming out of 1/2 28 α 3:45
scale - in lane
140 Coming out 1/2 22 α 3:45
into main pasture
141 Site factor Sta 1/2 16 α 4:00
(142 Poison Lake S edge 1/10 22 α 10:00
143 " " center 1/10 75 α 10:00
144 Foothills E of
Chico 1/5 16 α 1:30
30 miles east of Willow 1/5 16 " 2:30
Subtle cattle dog