

U. S. DEPARTMENT OF AGRICULTURE  
BUREAU OF BIOLOGICAL SURVEY

Form Bi-689

FIELD DIARY

Mr. E. A. Goldman

(Official title.)

Period, June 2 to June 25

1931  
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June 2, 1931

Left Washington, D.C. en route  
to Kaibab National Forest to make  
investigation with committee of  
conditions affecting deer.

June 3-4 - En route,  
arrived Flagstaff, Ariz. on 4<sup>th</sup> at  
9 P.M. Met by Fisher.

June 5.

Remained at Flagstaff. Trip to  
Fort Valley in afternoon

June 6.

Left Flagstaff about 10 A.M. with  
C.E. Gillham and Fisher.  
Arrived at Marble Canyon Bridge  
about 2 P.M. and set traps six  
miles beyond near turn into  
Hawserock Valley.

June 7. ~~Sp~~ Marble ~~low~~  
Leavenworth Bridge. Made trip ~~into~~  
Hawthorn Valley where traps  
were taken up and reset.

June 8. V.I. Park.  
Took up traps and continued  
to V.I. arriving in evening.

June 9. Trip to Sawatch  
Point and vicinity. Covered  
a large territory. Much dead stuff.  
Deer sign much reduced.

June 10. Trip to Jump Up  
Point and vicinity. Conditions  
much as noted yesterday on Sawatch.

June 11, Trip over north end  
of mt. ~~and~~ toward northeast a distance  
via Ryan and Big Springs.

Plot 33. in V.P. Park Aspen  
appearing some 2 1/2 ft. high,  
spruces less bushy and leaders  
better than outside.

Plot 23 - Oct. 25 - Good crop of aspens  
up to 8 ft. high, near Regler's

Plot 38 - Northern end of forest  
Aspen 8 to 9 ft. high - first  
seen. Some sheep graze  
on  
avg. 1927

Plot 37 - North end sheep range.  
Aspen <sup>^</sup> 6 ft. some willow  
2 ft.

June 11 con.

Cliff rose on northeastern end of mt. evidently diseased and much of it dying although not much browsed by deer. Better along Tefuna ridge.

Juniper. Browsed to some extent ~~low~~ on northeast end of mt.

Sheep. Many sheep grazing on a part of a part of the same refuge not included in National Forest.

June 12 Trip to Powell Plateau.

Horses met us at Powell ~~Sal~~ and a party of about 20 rode down to a short distance below yellow pines into juniper - juniper - cliff rose belt where extensive browsing of cliff rose

June 12 con.

has reviewed it about the  
same as Sawtooth. Much cliff  
rose has died since last trip.  
We did not go down on main  
winter range where conditions  
were the worst 2 years ago.

There appears however to be a  
lessening or slackening up of the  
rate of injury by deer.

Deer. Several were seen along  
the road today and appear to  
be in fair condition. ~~The~~  
evidence that the large former  
numbers of deer are gone are  
everywhere. I doubt if there are  
more than  $\frac{1}{4}$  the number  
present in 1924.

June 13. Trip to  
Greenland and Point Barrow

June 14 Trip to  
South Canyon.



June 15 at V.I.  
Out selecting plots in afternoon.  
Rabbits, observations on each  
min near V.I. show most of them  
dead, but of several a little  
life in one.

Ceanothus, a little on each  
min, trying to come up from roots  
outside of plots. None thereby  
inside plot.

June 16 - D. G. to  
Grand Canyon Bridge.

Left V. T. about 10 AM with  
A. A. Nichol and arrived at  
lodge at Bridge about 5 PM.  
Set traps en route in House Rock Valley.

June 17. At Grand  
Canyon Bridge.

A pretty good catch in House Rock  
Valley. ~~Set~~ some traps on  
east side of Colorado River.

In afternoon drove up to Old  
Lee's Ferry. A few people living  
up there and a few acres of  
land are under cultivation,  
but locality quite barren.

~~By~~

*Thurberia sericea* (arrowweed)

*Prosopis juliflora* mizzide

On sandy flats at about 3700  
4000 ft. along Colorado at Lee's Ferry  
give a touch of Lower Sonoran.

June 18 - Flagstaff,  
Ariz.

Left Grand Canyon Bridge  
about 8.30 A.M. and reached  
Cameron at noon where  
Nickol and I had lunch and  
then drove up along east  
side of the Little Colorado in  
search of burrows of Thomomys  
lateralis. Visited Old Tanner  
crossing about 3 miles up  
from Cameron, assumed to be  
type locality, but I learn  
from Bailey that the type  
probably came from a little  
higher up the stream where  
we could see some cottonwoods.

Left Cameron for Flagstaff  
about 4 P.M. and arrived in  
town about 6 P.M.

June 19. Flagstaff, Ariz.  
A. A. Nichol left for Tucson,  
I went with M. E. Whitgrave  
and Frank G. Pooler, Regional  
Forester at Albuquerque to  
the Johnson cattle Co's range  
on the game refuge south  
of Williams and returned  
to Flagstaff. We entered  
the horse pasture near the  
rim but could not get down  
with a car as far as the  
yearlong winter range. In  
the horse pasture juniper and  
cliff rose are browned up  
pretty severely by deer.

June 20, Flagstaff, Ariz.  
Remaind at Flag. waiting to see  
~~see~~ C. E. Gillham and attending to  
correspondence.

June 21 (Sunday), <sup>Ariz.</sup> Flagstaff.  
Conferred with Gillham.

June 22 - Left Flagstaff  
in route to Washington, D.C. at  
6.22 A.M.

June 23 in route

June 24 - Arrived  
Chicago 7.05 A.M. - left Chi. 10 A.M.  
B.O. for Wash.

June 25. Arrived  
Washington, D.C. 7.20 A.M.

PENALTY FOR PRIVATE USE  
TO AVOID PAYMENT OF  
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UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF BIOLOGICAL SURVEY.  
WASHINGTON.

OFFICIAL BUSINESS.

U. S. Department of Agriculture,

Washington, D. C.

Bureau of Biological Survey.

1. Perog. - ♂ - 136-75-18,5 6 mi. W. of ...
- 2 Perog. - ♀ - 181-100-21,5- "
- 3 Dipod. ♀ - 277-167-43,5 "
- 3a *in old.*
- 4 imm. ♂ - 234-74-32,5 Jacobs Falls
- 5 " ♂ - 230-79-30 "
- 6 Dipod. ♂ - 281-170-43,5 Jacobs Falls 10 mi. S - 8
- 7 Cany. ♂ - 114-37-20 Jacobs Falls, 10 mi S - 8
- 8 Thro. ♂ - 230-75-30,5 Jacobs Falls - 8
- 9 " ♀ - 217-70-29 "
- 10 " ♀ - 210-69-30 "
- 11 " ♀ - 175-62-29 "
- 12 " ♀ - 160-51-26 "
- 13 " ♀ *old.* "
- 14 Dipod. ♂ - 244-145-41 Jacobs Falls, 10 mi S
- ~~15 " ♂ - 236-137-40 "~~
- 16 " ♀ - 247-139-40 Jacobs Falls
- ~~17 " ♀ - 244-141-39,5 "~~
- 18 Nest. - ♂ - 297-132-31,5 - 10 mi S of Jacobs Falls
- 19 Dipod. ♀ - 273-162-42 6 mi W. of Jacobs Falls
- 20 Cany. ♂ - 149-44-21,5 10 mi S. of Jacobs Falls
- 21 " ♀ - 150-45-21,5 "

June 7

~~22-♂-129-70-18~~  
~~23-♂-135-76-18~~  
~~24-♂-127-69-18~~  
~~25-♀-135-72-18,5~~  
~~26-♀-129-63-18~~  
~~27-♀-137-79-18,5~~  
~~28-♂-150-148-42~~

10 mi. S. of  
Zach's hole

" "  
 " June 17  
 "

Painted Dipper - 2  
 mi. S. - Zach's hole  
 June 18

June 10

Took 1/4 cup of ... of  
 ... / ... / ... / ...  
 ...

Geo. D. Pratt  
26 Broadway