

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. Gilham and Fisher. Arrived at Marble Canyon Bridge about 2 P.M. and set traps six miles beyond near turn into Haverock Valley.

June 7. ~~Sp~~ Marble ~~low~~  
Leamyn Bridge. Made trip into  
Haverock 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 Sawals  
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 Sawals.

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 <sup>of</sup> aspens  
up to 8 ft. high, near Regler's

Plot 38 - North end of forest  
Aspen 8 to 9 ft. high - first  
seen. Some sheep <sup>on</sup> range.

avg. 1927

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

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 Tefure 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.

Horns met us at Powell ~~Salida~~ 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 rock 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 Imperial

June 14 Trip to  
South Canyon.



June 15 at V.P.  
Just selecting plots in afternoon.  
Risks, observations on each  
min near V.P. 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 there,  
inside plot.

June 16 - N.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 Houserock Valley.

June 17. At Grand  
Canyon Bridge.

A pretty good catch in Houserock  
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* mizzida

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  
Michol 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 cottonwood

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.



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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. Perom. - ♂ - 136 - 75 - 18.5 6 mi. W. of bridge  
 2 Perom. - ♀ - 181 - 100 - 21.5 " " }  
 3 Dipod. ♀ - 277 - 167 - 43.5 " " } June 7  
 3a in old.  
 4 Thom. ♂ - 234 - 74 - 32.5 Jacobs Pass  
 5 " ♂ - 230 - 79 - 30 " " }  
 6 Dipod. ♂ - 281 - 170 - 43.5 (2) 10 mi S - 8  
 7 Onych. ♂ - 114 - 37 - 20 Jacobs Pass, 10 mi S - 8  
 8 Thom. ♂ - 230 - 75 - 30.5 Jacobs Pass - 9  
 9 " ♀ - 217 - 70 - 29 " "  
 10 " ♀ - 210 - 69 - 30 " "  
 11 " ♀ - 185 - 62 - 29 " "  
 12 " ♀ - 160 - 51 - 26 " "  
 13 " ♀ old. " "  
 14 Dipod. ♂ - 244 - 145 - 41 Jacobs Pass 10 mi S  
 15 " ♂ - 236 - 137 - 40 " "  
 16 " ♀ - 247 - 139 - 40 Jacobs Pass  
 17 " ♀ - 244 - 141 - 39.5 " "  
 18 Nest. ♂ - 297 - 132 - 31.5 - 10 mi S of Jacobs Pass June 17  
 19 Dipod. ♀ - 273 - 162 - 42 6 mi W. of bridge  
 20 Onych ♂ - 149 - 44 - 21.5 10 mi S of Jacobs Pass  
 21 " ♀ - 150 - 45 - 21.5 " "

~~22-♂-129-70-17~~  
~~23-♂-135-76-18~~  
~~24-♂-127-69-18~~  
~~25-♀-135-72-18,5~~  
~~26-♀-125-63-18~~  
~~27-♀-137-79-18,5~~  
~~28-♂-150-148-42~~

10 mi S, 2 mi E  
Johns River

"  
" June 17  
"

Painted Desert - 2  
 mi S - Bartlesville  
 Bartlesville, June 18

June 10

Good day on top of  
 cliff / water / water / water  
 New York



Gen. D Pratt  
26 Broadway