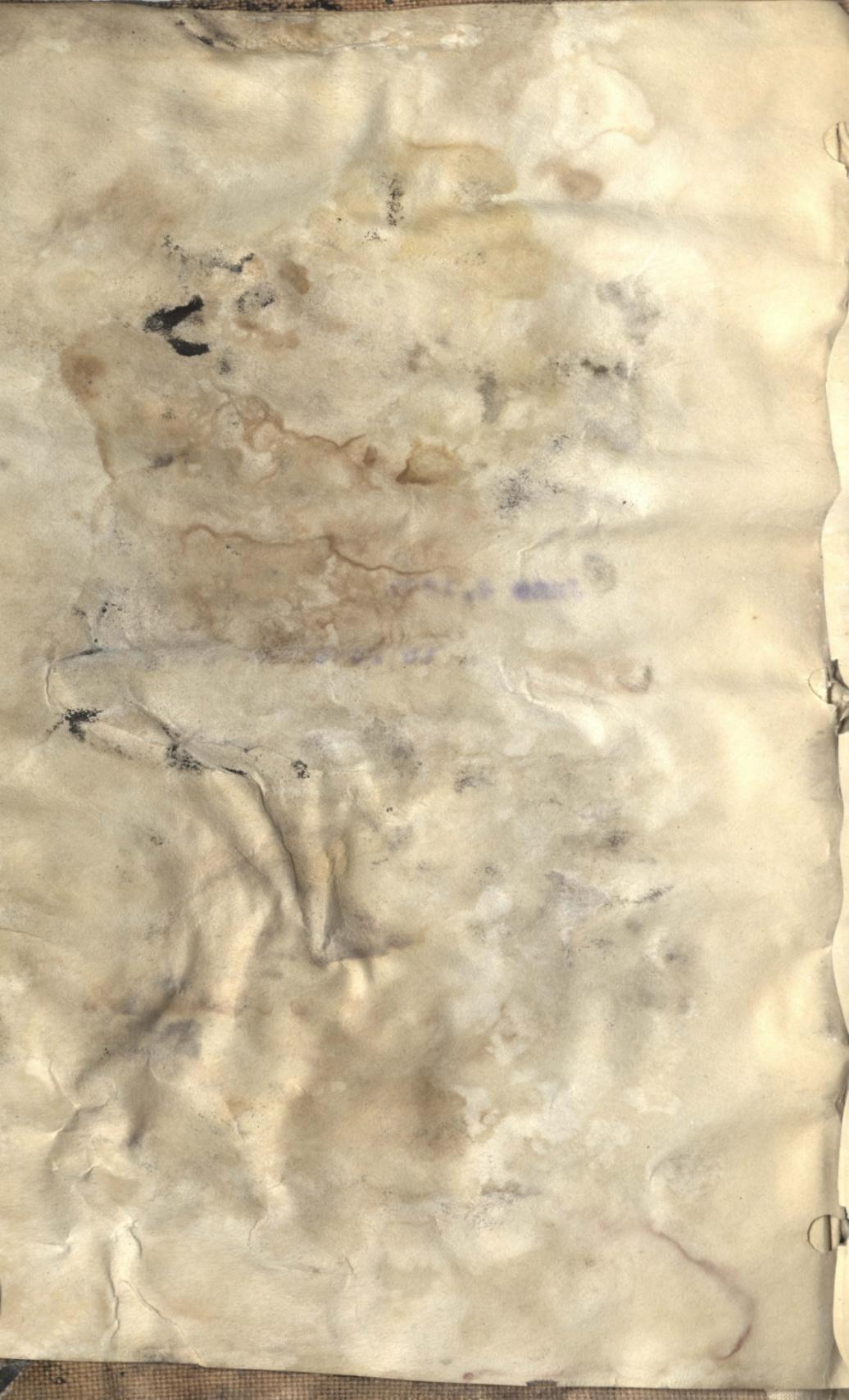
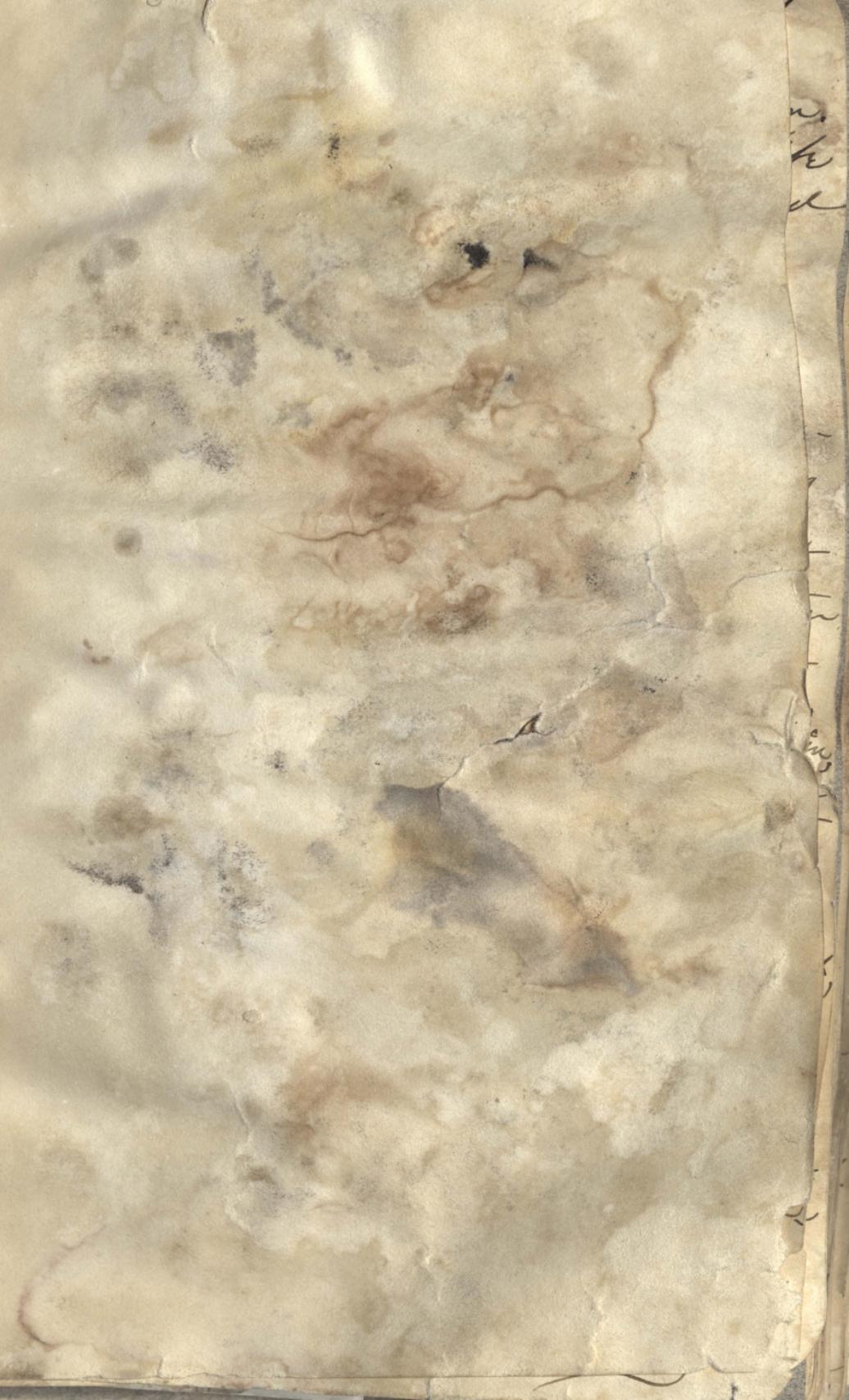


JUNE 4 - DEC 3

1905







Colorado Springs

1905

June 4. Warm - Windy in afternoon.  
Rather bilious today and took life  
easy. Jittered around some and  
looked over books and papers.  
Miss Eastburn called late in  
forenoon and stayed to dinner.

June 5 Clear, moderately warm day -  
Was down town awhile this morning  
and had quite a talk with Aiken.  
He has just been making a trip to  
the Eastern part of the State and Western  
Kansas, along the Rock Island road -  
Picked up some very good things.  
This afternoon was at Dr. Westing's  
as both Dr. Swan and Dr. Gardiner were  
out of town. He wanted me to go to  
bed but I objected. Says I ~~have~~  
my spleen is somewhat enlarged -  
Gave me some instructions about diet,  
some tablets, and the comforting  
assurance that I would either be  
better or worse in a few days.

June 6 Clear cool day, some wind.  
Was down town for short time in  
morning, otherwise put in most of  
time in a lounge in library

June 7 Clear in morning. Heavy shower  
in afternoon.

Took it easy in morning. Went to see  
Dr. Martin in afternoon, and got  
a prescription for my cough. He  
called it Simple French pills.

June 8. Cloudy in morning and more or  
less so all day.

Feeling some better. Went down town for  
while in morning, and have taken it  
easy since. Am reading Millaet's  
"Island life"

June 9 Clear in morning. A light shower  
for two in afternoon.

Still taking it easy though  
feeling better.

June 10 Quite clear on mountains but  
clouds in east this morning. Very windy most  
of day. Cool.

Feeling considerably better and more  
like doing things. Down town for a  
while in morning.

After I came back did quite a lot  
of putting, strung labels, ruled off  
a lot of pages in my specimen book.

ister, and this afternoon I ~~registered~~ <sup>unpacked</sup> a number of specimens that Grinnell sent while I was away. An interesting lot.

Then rested awhile and wound up by watering the lawn before supper.

June 11. Clear day. Cool and windy in morning. Warmer and quieter in afternoon. Sarah and I went down to Stratton Park for a while this morning. Found it very pretty down there. A good many people, as usual on Sunday.

June 12 Clear and warm this morning. Light showers in latter part of forenoon and early afternoon. This morning I took my traps of specimens upstairs to my room and unpacked them from the ~~boxes~~, that is such as were wrapped in it, and sorted them out and arranged them in some kind of order. The bird skins are a mighty tough looking lot, but I expected that. One skin is unaccountably missing, that of my supposed Virginia Warbler. Went down town after dinner and did an errand or two.

June 13. Clear in morning. Became very cloudy and threatening in afternoon but did not rain.

This morning I worked down cellar and unpacked my two boxes that remained unfinished. Also put a few skulls into boxes.

Was down town in afternoon, in Aiken's quite a while. He was picking out a series of Chipping, Brewster and Clay-colored Sparrows to illustrate the changes of plumage. Some were hard to distinguish.

June 14 Clear in morning and quite warm. Somewhat cloudy in afternoon

Finished boxing my skulls this morning, so they are out of the way.

Down town in afternoon and did some errands, besides stopping at the Skinner's to see a humming bird's nest he telephoned to me about this morning. It is quite accessible and will try and photograph it tomorrow.

June 15. Clear in morning. Warm. Cloudy in afternoon.

Started to make some prints this morning.



but paper gave out before I made many.  
Had to make some developer also, so  
did not accomplish as much as I intended.  
Did some other odd jobs about the  
cellar.

This afternoon took the Spy camera  
and went over to the Skinner's to  
try for a picture of the Hummingbird's  
nest. It was cloudy and the light poor  
so do not know how I came out.

The nest is between five and six feet  
from the ground on the branch of an  
elm tree, the nest little above of a  
rest with the bird on top, she, small  
as she is, looks too big for the nest.

June 16 Cool cloudy day.  
Developed my prints in afternoon  
morning and did some other odd  
jobs

Sown bean in afternoon.

June 17 Cloudy and windy in morning  
but cleared in afternoon. Cool -  
Was working over and trying to i-  
dentify some of my specimens in  
morning.

June 18. Clear day, fairly warm. Windy.  
 Did not do very much today.  
 Walked down to P.O. in morning.

June 19 Clear in morning. Rather cloudy  
 in afternoon.

Put a number of salted skins  
 to soak, or rather wrapped them in  
 a damp cloth so as to soften them.  
 Will begin by making up a pair  
 of each species.

Did some other odd jobs.  
 Down town for a while in afternoon.

June 20 Clear in morning but became  
 cloudy. Light shower after supper.

Just a year today that we left here on  
 our Yellowstone trip.

This morning Aiken was here and  
 looked over my skins and seemed much  
 interested in them. He set me right on  
 a number of things, incidentally knock-  
 ing me out of one or two species I  
 thought I had. He recognized my  
 Cassin Sparrow at once, so I am all  
 right on that and must write  
 up a note to send to the Auk.

June 21. Clear and windy at first but  
showers by noon, also in afternoon.

Made up about a dozen of the skins  
this morning, that I have been soft-  
ening. They worked up quite well.

Took some pictures right after  
dinner of some young Say Phoebe  
which were about the house. They  
had been about since morning.

One young one just out of nest, but  
could not tell if one or both parents  
were there. They were being fed right  
along.

June 22 Clear in morning. Somewhat cloudy  
later.

Fixed a number of rabbit skins for  
softening and did a number of odd  
jobs.

Snow bun in afternoon.

June 23 Clear in morning. Very windy in  
afternoon. Some clouds. Very warm.

Made up four skins in morning and  
did some other work.

June 24 Clear, warm and windy.  
Warmest day yet

8  
Made up six rabbit skins this morning.

Down town in afternoon.

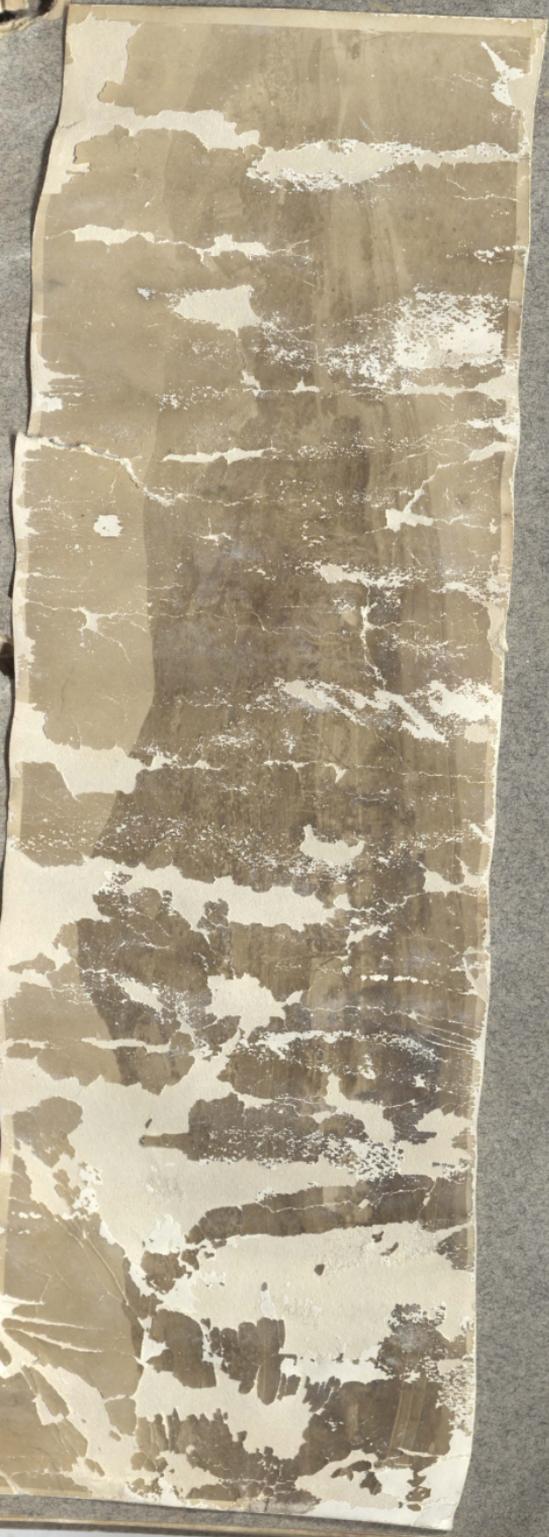
The vacant lot east of us is yellow all over with *Thell. ternata* in blossom. "Mead Cropsis" many call it. And there is much of the nest. There have been many *Pyraeoid* butterflies about, hundreds I think as well as some white and yellow species.

A few red poppies came up with the yellow flowers, self sown from our last years garden I think, but they are picked by children as fast as they open.

June 25 Cooler today. Windy.

Sarah and I had a horse and buggy this morning and started for Bob's atoll. But when we got to the gate to the atoll we found it locked, so we left on, coming out at the view station. As it was still early we drove north on the Seneca road quite a distance and then turned back.

There were a good many flowers.



ENTRANCE - GLEN EYRIE.

JUNE 25, '05

ENTRANCE - GLEN EYRIE.

JUNE 25, '05



white poppies, painted cup, yucca, and herb and then yellow prickly pear blossoms. Some purple yucca of some kind, and a few other species of flowers. I must not forget the Yucca which was abundant in many places, but hardly out yet. Seems to be the year for it.

Anyway we had a fine drive, even if we did not get into Blair Athol.

June 26 Showers last night. Cloudy this morning. Then cool and clear. Made some prints this morning of Baca Co. views to send away.

June 27 Bright hot day. Some wind. Various odd jobs this morning, putting up netting for sweet peas, put skins to salt, made up one wood rat skin that was soaking in salt, labeled birds etc.

Down to an a little while in afternoon but too hot to stay long.

June 28 Another very hot day - did some work on the speci-



mens I made up last week, bush-  
ing them up &c.

In the middle of the morning the  
Express Co telephoned them that a  
box of fish for me and that they  
could not deliver until afternoon  
so I went down after them.

They were from Becker of course  
and a nice lot, just the right  
size. Had a letter from him  
this afternoon.

June 29 Cloudy all day & some wind. Cool.  
Made up all my pocket gopher  
skins this morning, which dispensed  
of them.

June 30 Clear in morning. Some clouds  
and thunder in afternoon. Sun down  
about 6 P.M.

This morning I took the 32 and  
got on a car and went to Colorado  
City, thence walked over to Bear Creek.

I walked up the cañon as far  
as Hunter's Creek. There were many  
butterflies about, Pyraeoides, white  
ones, a black one with a white  
wing band that appears to be

11  
Baselarchia weidemeyeri, Yellow  
Papilio, Blues, and Yellow c.  
and some others that I saw odd ones  
of. It would have been a good day  
for a butterfly hunter.

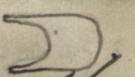
Up Hunter's Creek saw both big  
and little chipmunks. Tried to  
shoot some but did not succeed.  
Saw a family of half grown big  
ones Callospermico lateralis. Think  
there were four.

I walked up the gulch following  
the trail of course, as the bushes in  
the bottom are a regular jungle.  
Bad enough in Smith and Wise  
now. I would stop every little while  
and sit down in the shade and  
watch but saw but little. No birds  
about. Getting up about as far  
as I could and keep near the  
creek I decided as it was about  
noon to eat my lunch. While sitting  
then some small birds lit in a  
small spruce close to me, and as  
I could not make out what they  
were I shot one, but it fell down  
in some bush and I could not  
find it.

From there I climbed up the south side and got on top when I could see over into Bear Creek. Followed the ridge up a ways and did not think it worth while to go farther. Captured a butterfly which seems to be a species of Parnassius.

Came down over the place where I shot a Rock Squirrel last year but did not see any.

I walked up Hunter's Creek a little way again and had men shoot at chipmunks but could not seem to hit any.

Stopped at the Toll Gate House and the old man then showed me a bullet he had cut out of a tree and which had been cut through by a ferr. It was a 32 cal. bullet that had mushroomed, until it was about 40 cal in size and the ferr had cut through the base, like this, . The tooth marks were visible in the lead.

He also showed me some rather good mineral specimens.

He said a woman saw a rattle.

snake this morning by the road but  
a little way below the short line  
Trotter - He tried to kill it but it  
got away. Last year some boys  
killed one near the same place -  
Had nine rattles -

Home about 4.45

Sarah had a little lunch today -  
Miss Conwell, Mrs Howbert and Miss  
Stewart.

Late this afternoon was a little  
shower and as it was clear in  
the west so that the sun shone on  
the rain drops the effect was very  
pretty. We could see them coming  
from very high up

July 1 Cloudy in morning, then clear, cloudy  
again in afternoon Cool. Quite windy.  
Worked on odd jobs this morning.  
Sown down a little while in afternoon

July 2 Cloudy much of day and cool.  
Light shower middle of afternoon.  
Went down to P. O. in morning -  
Received a notice that a will of  
Uncle Charles had been filed for  
probate by Uncle Frank, who is

the Executor named in the will.

It was to say the least surprising news, and now, <sup>of course</sup> we are anxious to know the contents of the will and what the outcome will be.

About 5 o'clock Sarah and I started for a walk and went down through the Monument Valley Park. Very pretty though still unfinished.

July 3. Clear and windy.

Saturday evening while eating supper at both of them, it was one that half of was already gone, and had been built up. Went to see Dr. Hayden this morning and the result was a long drive with him, as he had to crown the roots.

July 4 Fine clear day. Moderately warm. Did not do much in the way of celebrating. Was at home all day.

We had Mr. & Mrs. Peace to dine at six o'clock. Soup, Salmon & green Peas, Lobster Salad, Strawberry Ice Cream. Coffee

Sat on porch in evening. Quite

a lot of fireworks put off all about  
and we enjoyed watching them. -  
Some on a few blocks south  
set off some very good things  
in the way of rockets etc.

July 5. Clear morning. Little cloudy  
in afternoon. Moderately warm.

We received news of Mrs. Adams  
death today at Hartford. The funeral  
is Saturday at 11 o'clock so we do  
not go to Wagon Wheel Gap until  
that night, but would not go un-  
til then anyway as I could not get  
Arthro.

July 6 Clear warm morning, somewhat  
cloudy in afternoon.

Odd jobs in morning. Down town in  
afternoon

July 7 Clear in morning. Cloudy in afternoon  
did some packing and other  
things in morning. Down town in  
afternoon

July 8. Rained last night, a few little  
squalls today. Cloudy, windy and cool

all day -  
Downtown in morning on business  
Finished packing this afternoon and trunks  
have gone.

WAGON WHEEL GAP.

July 9 a clear bright day. ~~Left~~ this morning  
at Alamosa and here

We left Colorado Springs last night  
at 10.40. Arrived at Alamosa at  
6 this morning. Was up early enough  
to see a little of the San Luis Valley,  
but what little I saw was mostly  
greasewood with a little sage brush.

We had a good breakfast at Alamosa  
and left at 7. The ride is up along  
the Rio Grande River across the San  
Luis Valley. A good many ranches -  
Some fields of potatoes, many hay  
fields, much greasewood.

Above El Norte the valley gets  
narrower, and at the Wagon Wheel  
Gap Station is quite narrow, shut  
in by low rather steep hills.

The station is about a mile and a  
half from the hotel and hot springs  
which are on Gorse Creek. A  
covered mountain wagon and a mule  
were at the station. Dr & Mrs DeWitt

and boy, and Mr Selwitt's brother, and his fiance, Miss Howland were also on the train.

A good many fishermen were on the train and dropped off at various points to fish the Rio Grande. Latter stream is much colored - only good for bait fishing.

The hotel and cottages are very prettily situated among these lower spurs of the Continental Divide, and the place is well kept. It all belongs to General Palmer.

J. E. Mc Intyre is here. He and I are going fishing up the creek tomorrow. He and Sarah and I took a walk this afternoon up by the reservoir which supplies the place. It is filled from a small stream, which flows down a gulch west of the hotel. A clear cold mountain stream.

There are many flowers. On the lower up there ever hillside blue with a tall Pentstemon, and there are Columbine, Shooting Stars, Lupines, Sulphur Flowers, Monkshood, and many others.

Prairie Dogs are common here



and I should have no difficulty in getting what specimens I want.

July 10 A beautiful day. a few clouds in afternoon.

McInten and I went up Lone Creek fishing today according to programme. We drove up about 3 miles, that is he did, for I got out blow and fished up. It is a nice creek to fish, not much brush on banks, water clear.

We got a good lot, I 31 and McInten 40 or 50. One or two good ones, about  $1\frac{1}{2}$  lbs.

We got back about 5:15 Sarah went with the DeWitts on a picnic, went up to Crede and along the river.

July 11 Some clouds about today.

Did not do very much this morning. Took a short walk and looked up a place to set traps for prairie dogs. Walked down the creek, keeping up on the side hill. Plenty of holes there.

Was down far enough to get in

sight of the railroad station. Found  
a little stream coming down a gulch  
which will be a good place to set  
mouse traps.

Had a letter from Nicholas enclosing  
a photographic copy of Uncle Charles  
will. It is a cancelled will, be-  
queathing everything to Uncle Frank.  
It is a mystery to me why Uncle  
Frank should have offered it -  
Uncle & Annie, Ellie and Mill's heirs  
are going to contest it.

Sarah and I went fishing up the  
Creek this afternoon. I caught  
Eleven small ones and threw back  
as many more - And when I got  
back found I had lost my fly box.

July 12 Clear in morning. Shower at noon -  
cloudy most of afternoon.

Went up the creek this morning -  
could not find my fly box but  
caught 25 fish! Was back at  
noon.

Intended to have set traps in after-  
noon, but the shower at noon was so  
heavy I thought it would not be  
best. But took a walk and

found the shower had been local,  
had come down the gulch on the  
west.

Prairie dogs seem to be all over  
the country. Found mountain rats  
nest in some rocks

July 13. Clear in morning. Cloudy and  
a shower in afternoon.

Went out and set traps this morning.  
Some for prairie dogs and some for mice  
etc. The latter I set along a little  
creek which comes down a gulch below  
Lee.

Mosquitoes were troublesome. Had  
to wear a net and gloves.

This afternoon Brad and I took  
a walk along the prairie dog traps  
and I got one. Found another dead  
and brought it in and then did  
not skin it as it was too far gone.  
But have one good skin and gray.  
The shower came up while we  
were out.

And Thorne, a young boy Lee, shot  
an albino prairie dog this morning.  
Pure white and pink eyed

July 14 Clear in morning. Cloudy and  
Dewy now and evening.

Went to my traps in morning. Got 4  
prairie dogs but did get 4 Peromyscus  
and a Microtus mordax. The Per-  
myscus look to me new, they  
may be sonoriensis. Came home  
and made up the skins and took  
quite a little walk up the gulch above  
the cottage before dinner. It is a  
good place to put traps and handy.  
Was around the hotel and room for a  
while after dinner and then went out  
and looked at my traps and got two  
 $\frac{3}{4}$  grown prairie dogs, and skinned  
them.

I tried sprinkling oats around my  
traps to see if I could do any better.

July 15 Rained last night and Leary  
Cuds this morning but turned out a  
beautiful day.

Had good luck with my traps this  
morning as I found 4 prairie  
dogs as I went out. I also got deer  
mice. After I had made the  
wounds of these traps I skinned my  
4 prairie dogs. Then at the way

back I got two more which I also skinned.

After I got back skinned the deer milk - and after dinner finished the ~~very~~ skins - Have quite a series now but they vary somewhat.

Brought new traps in.

Saw ~~the~~ I walked up to the water ougers nest and I ~~to~~ me pic - I sit.

An excursion is coming up tomorrow from Montevista and we are going down the river with the ~~the~~ and Mr Davis.

July 16 Beautiful day.  
We had a ~~very~~ ~~ple~~ ~~to~~  
The river ~~is~~ ~~in~~ ~~the~~ ~~the~~ ~~the~~  
Site very well.

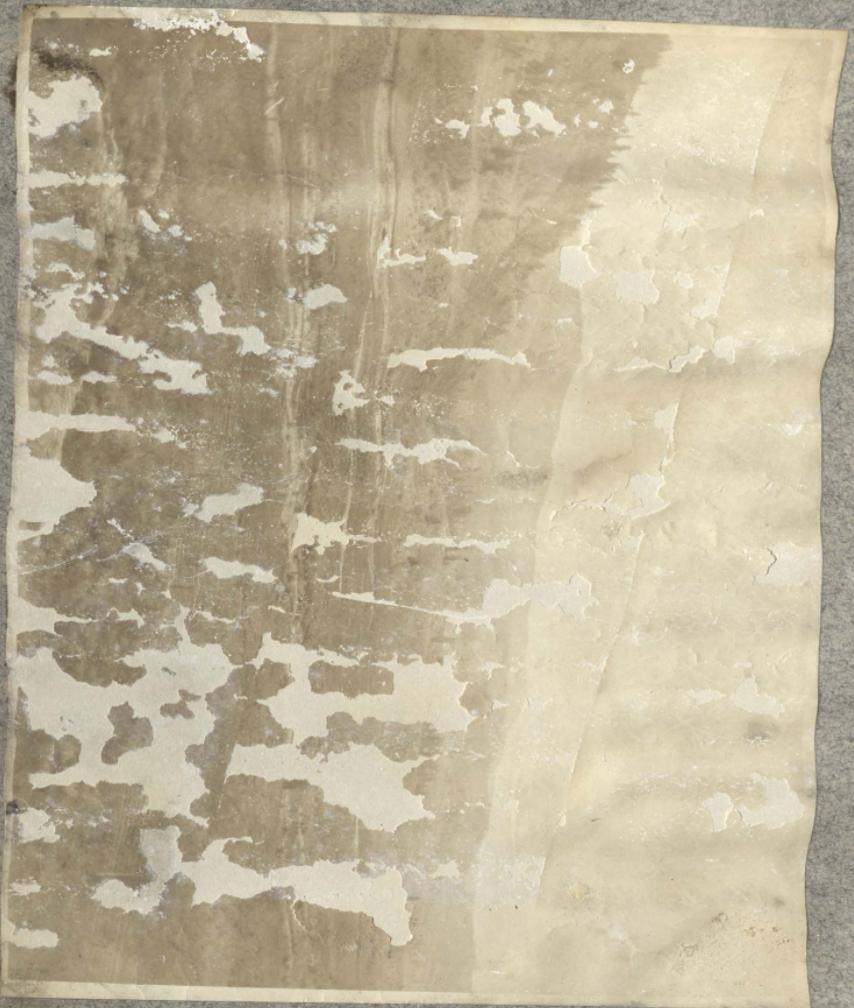
We drove up about 4 miles I ~~think~~. The river is about as big as Taylor River, but not as many rocks and pools.

It is very pretty along the river but though I had two cameras I did not take a picture though I fully intended to do so.



THE OUSEL'S NEST

JULY 15/05



WENON GOOSE CREEK

WAGON WHEEL GAP

July 29/05

July 17 a fine day.

Went fishing this morning up Goose Creek. Sam wanted some fish to send down to Mrs. Carpenter. I had fair luck, caught 21.

A bank beside the creek had a great many large white evening primroses on it. As nothing else grew there not even grass, it was a very striking gravelly bank, the effect was quite striking.

After dinner packed the fish and then went out to set traps by the little stream that comes down by the cottage. Went up the gulch just a little way. For breakfast I had set 2 traps and I got a prairie dog in.

Only set 3 traps for dogs this afternoon and 3 for mountain rats at the place I found the other day. Mouse traps all set along the creek.

Saw a cottontail rabbit up there, looked like L. pinetis.

July 18 Clear in morning, cloudy in afternoon.



Visited traps before breakfast,  
 Got 3 Microtus 2 Peromyscus and  
 1 Little Chipmunk. Did not skin  
 the Microtus, one was a young one  
 and other badly used up in trap.  
 Skinned after breakfast and when  
 I got done went out to traps again.  
 Got a prairie dog which I skinned  
 on the spot.

This morning we had letters from  
 Ellie and Rebecca about the  
 mill - Ellie says she and Will  
 found it last March. Uncle Frank  
 seems to be accusing them of having  
 cancelled it. Naturally the land Company  
 are very indignant and are going  
 to fight it out. She says that  
 Uncle Frank is completely under the  
 influence of a Judge Nash.

This afternoon Sarah and I went  
 for a walk. Went across Lone Creek  
 and up across a side hill to a little  
 tributary and up it. Found a good  
 many flowers.

After I came back went round the  
 traps again. Got a big chipmunk  
 in some trap I took other in this  
 morning

July 19 Clear in morning showers in afternoon.

Got 2 Microtus and 3 Peromyscus in traps in morning, but one of each was too much used up to skin.

After skinning them I took a walk up the gulch keeping along the ridge on which my upper traps are. I followed it nearly a mile I should think. It is bare on top on north side some trees, spruce and aspen. Saw a few birds, mostly blue birds.

I finally dropped down into the gulch and walked down it. In the grass along the creek saw considerable signs of Microtus. At one place were many columbines on the side hill.

After dinner Sarah and I went to walk with Miss Emy. Walked along the road up the creek.

We got up some little way and it looked so threatening we started back but the rain overtook us and we took refuge in a ranch house until it was over.

I visited the traps again and got one old and one young prairie dog and a little chipmunk. Skinned the old prairie dog outside and fixed the other two specimens after supper.

July 20 Cloudy good deal of day. Skusro about 6 P.M.

Not much in traps today. One Microtus and 2 Peromyscus and the latter useless for specimens. One was minus most of its tail, and it had lost the latter only the night before in the same trap! And the tail of the other was mutilated some way.

After breakfast went fishing going down Goose Creek. The fish did not rise and I skipped along a good deal, only trying the best places. When I got to the mouth of the creek about 10 30 I only had 3 fish. But they soon began to bite in the river and I picked up about a dozen in a short time. One about half pound. Had on a larger one once which ran out quite a lot of line for

me, until it came to a knot which would not go through the rings. It did that twice. Finally I lost it.

Made up the Mercurius skin after dinner

July 21 Cloudy in morning and much of day. Light showers.

We were much disappointed at the outlook this morning as we had planned a trip down the river.

However it gave promise of clearing and we made a start and went down about 3 miles.

I fished until about one and caught 7 or 8. It rained so hard at and above Crede last night that the river was high and the water not at all clear.

After lunch I tried it again for a short time but without any luck. As it looked threatening we started back. There was a head about one.

Sarah found some red peritremis. We start home tomorrow.

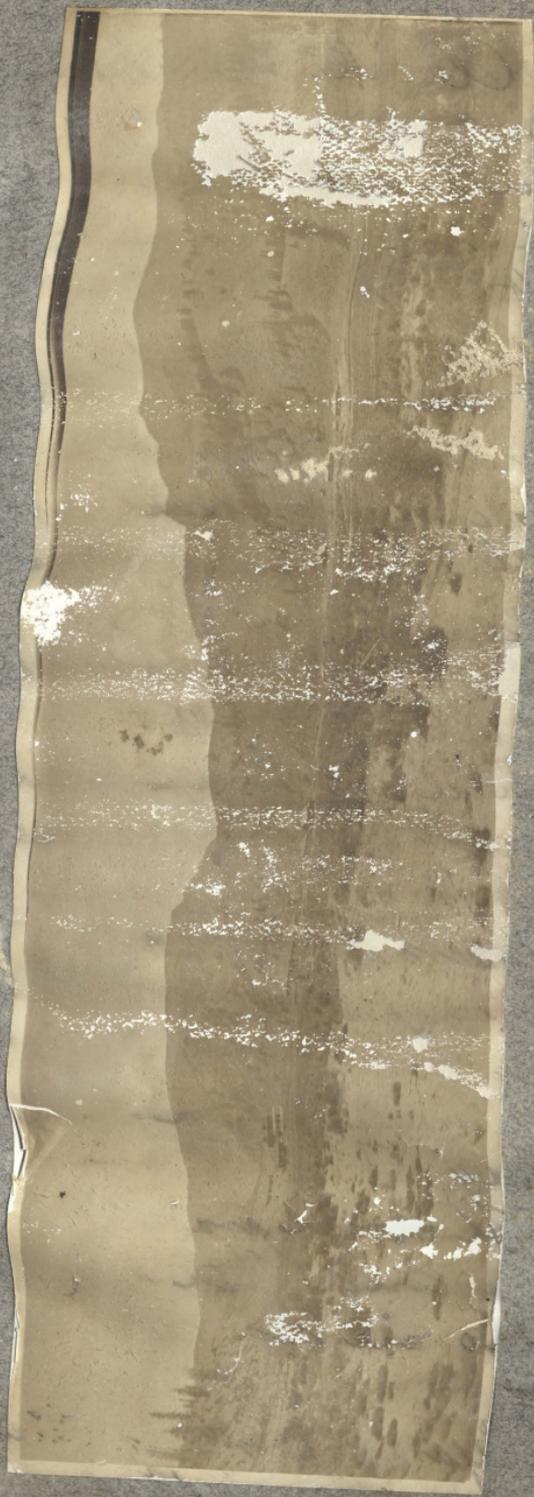
July 22. Cloudy in morning  
 but cleared nicely -  
 As Mr. intended to leave in after-  
 noon did not do very much.  
 Took a few pictures in morning,  
 packed and sat around.  
 We left as planned, the Shields  
 and Mr. Davis also going so  
 there was quite a little party of  
 Colorado Springs people leaving.

COLORADO SPRINGS

July 23 Clear in morning somewhat  
 cloudy in afternoon. Not very warm.  
<sup>showers in evening</sup>  
 We arrived on time, 4.40 a.m.  
 and came right to the house of course.  
 Everything looking well about, grass  
 green, flowers growing finely &c.  
 Have unpacked &c.

July 24 Cloudy in morning and  
 part of day.  
 Made up some prairie dog skins  
 in morning and then went down  
 town, also in afternoon.

July 25 Clear in morning. Cloudy and  
 light showers in afternoon.  
 Made up the rest of my prairie



LOOKING DOWN GOOSE CREEK

WAGON WHEEL GAP

104V22/05



LOOKING UP GOOSE CREEK

WAGON WHEEL GAP

JULY 22/05

dog skins this morning and to my  
disgust the hair clipped on some.  
Possibly the fault of the salting or  
my trying to dry them inside out  
instead of right side, as I have learnt  
from done.

July 26. Clear in morning. Cloudy in  
afternoon.

Made up a few skins this morning,  
labeled some specimens and did  
other odd jobs.

Snow took a little melt in afternoon

July 27. Cloudy & clear in morning -  
Showers in Denver in afternoon.

I took the 9 a.m. train to Denver  
as I wanted to see the Surveyor General's  
office about my Monday survey,  
as Lieut. McMullin has written me  
he is laid out with rheumatism  
and will most likely be unable to  
go on with the work. My interview  
with Constanthen was satisfactory,  
as if Lieut. cannot go on, he will  
recommend that I be released  
from the contract.

Spent part of afternoon at



Capitol. Saw H. G. Smith and A. H. Fel-  
ger. Had never met the latter before.  
We had quite a talk of course,  
birds and mammals.

July 28 Clear in morning. Shower at  
Colorado Springs about 4, just after I  
got down.

Spent the morning in Denver. Had  
a little chat with Dr. Rydbeck, but  
he had not much time.

Came down at 1.15 getting in at  
3.45 but was delayed some to my  
shower. Put in time at Aikens.

July 29 Clear morning. Shower about noon  
and late in afternoon.

Labeled Baca County birds and did  
some other work this morning.

July 30 Rain last night. Cloudy this  
morning. More rain in afternoon.

Not much doing today. Went to  
post office in evening. Put some  
skins to soak and labeled some  
specimens. It is so damp in  
the cellar I have got to move  
all my skins up stairs.

July 31. A somewhat cloudy in morning.  
Many shurrs in afternoon.

Made up some skins, also moved all my boxes of specimens up stairs as the cellar is so damp.

Letter from Nicholas Sheldon saying leaving on Uncle Charles' mill postponed until October 18<sup>th</sup>.

Aug 1. Clear morning. Cloudy & light shurrs in afternoon.

Made up more skins this morning, and labeled a lot this afternoon.

Cannot say I am stuck on the salting scheme, even if it is a time saver in the field. The skins do not make up extra well, not as good as a fresh skin.

Aug 2. Clear in morning but cloudy by noon and in afternoon.

Finished up my salted skins this morning, except Badger, Bobcat and Skunks, and these I will not touch at present. Am glad to have the job off my hands anyway.

Aug. 3. Clear morning hot. Cloudy in afternoon. A very light shower. A sort of odd job morning, fixing traps, cleaning cellar. Also made a coop for the chickens Sarah is going to have to eat up the grass-hoppers which are very numerous just now.

Aug 4. A clear hot day.

This morning I took the 32 and went for a walk, my special object being to look up a small dog to run on the mesa. As the foot bridge across the creek was washed out by the high water early in the week, I had to go down to the United St. bridge to cross.

Thence I walked up the track quite a distance until I could cross over toward the mesa without having to crawl through fences. Took my usual route across and into the gulch above Porwris. But there instead of following up the gulch as I usually do I crossed and went up a side gulch and upon a hill and came directly to the

dog run as I hoped to do, a much  
 better way than I have been bit  
 before. I looked it over pretty well,  
 it is not a large one, found sixteen  
 holes that seemed to be occupied.  
 I had some traps there this spring  
 but did not catch any.

Then I walked across through  
 quite a patch of yucca and came  
 to the old ranch at the head of  
 the gulch, followed it down  
 a ways and then cut across  
 to Russell and came home.

Saw a number of birds, flowers  
 were not so very plenty, that is  
 as to species, but in places there  
 are many sunflowers. And in  
 some places much gum plant,  
 though that beautiful flower is  
 not yet in bloom.

It has been the hottest day I have  
 seen here this summer I think.

Aug 5. Clear in morning. Wind  
 and dust storm about 2 P.M. and  
 a little later a very heavy shower.  
 Rained most of afternoon.

Worked making some changes in

my large collecting chest, and did some other odd jobs -

While down town this afternoon went to the Crocent market and saw a small opossum that was caught a day or two ago in a bunch of bananas. It is about as large as a rat. It is in a cage made from a box with netting nailed over the front and I could not see it very well. Made an offer for it but did not get it. When he seen the animal and says it has young in its pouch.

Aug 6 Clear at first but soon began to cloud up. Light shower at night.

Nothing very special today. Went down to P. O. in morning. Mrs. Skinner dined with us.

Aug 7. Clear fine day. Moderately warm -

Worked at home in morning labeling and putting away the skins I made up last week.

This afternoon took some traps and went over to the dog ban

and set them. Set all *Clenias* traps, both sizes. Baited with apple and wheat.

Some chrysolids I found on the lattice back of the lawn and put in a box proved to be of the common white butterfly. They came out but the box was too small for them to expand their wings.

Aug 8 Clear in morning. Light breeze. Cloudy in afternoon & very windy.

Went to my traps five morning and was disappointed not to get a single prairie dog. Got a 3/4 grown Cottontail, 3 *Spermophiles* and 3 *Peromyscus*.

But threw away one *Spermophile* and 2 mice out then, and did not skin the remaining mouse after all as its hair was coming off. Was home at 11.30 and had the specimens measured and the two *Spermophiles* skinned and stuffed before dinner. And after dinner fixed the rabbit. Brought my traps in as the place is not very convenient and at best I don't think there are many prairie dogs there.

Aug 9 Clear warm day.

Made some prints in morning.  
Down Sun in afternoon and I  
brought ~~my~~ the opossum from  
Crescent Market for half a  
dollar, cage and all. Think  
it would make a very interesting  
pet if I could keep it alive. It  
has eaten some grasshoppers I  
put in the cage.

Aug 10 somewhat cloudy in morning.

Shower, quite heavy, at P.M.

My Opossum had eaten all the grass-  
hoppers I left in the cage during the  
night.

Took some traps and the 32 and  
went to Bear Creek. I wanted to see  
if I could not catch some Rock  
Squirrels at a place where I saw  
one a year ago and found hills in  
the bank. But could not locate  
the spot again. However I did find  
one or two other places and set  
traps, also a few mouse traps  
for chipmunks. After I had set  
all my traps saw another squirrel  
farther up the creek. Think there

must be quite a number living there. Shot one little chipmunk, with a curiously deformed or thickened tail. A few small sparrows along the creek.

Ate my lunch about noon beside the creek, and then turned south west and walked across country until I struck the Shortline track, which I followed nearly to Point Sublime.

Saw quite a number of Big and Little Chipmunks along the track and wanted some ammunition but did not get a single one.

An odd flower, or rather an odd place for the flower, was a common single red garden poppy, growing beside the grade, just one. Saw golden rod, a Spachys columnaris with very light <sup>yellow</sup> flowers, and some other things.

I could look down into North Chelmsford Cñm from where I was, and also saw many people going up the Cutter Mountain or O'Brien trail.

I turned back about 2 P.M. taking it easy and ran over my traps taking them all up, only one had been bothered. It was sprung but



nothing in it. It rained some as I was walking back to Bear Creek. Got home about five, and soon after we had a very heavy shower.

Aug 11. Partly cloudy. Quite a heavy shower about 1 P.M.

Skinned my lone chipmunk this morning. Also made another tray for my collecting chest, as I had cut down the two deepest ones, and thus made room. It will be quite an improvement.

Rec'd two Peromyscus skins from Barrett in exchange.

Aug 12. Clear at first, light shower about noon. Somewhat cloudy in afternoon.

Took my opossum and one of chlores from before breakfast and made up the skin this morning. Skinned in good condition.

Was looking over some of my skins this afternoon, and think my Bear Co. cottontails are different from those about here.

Aug 13 Warm day. Clear most of

day.  
Nothing very much today. Went  
to P. O. in A. M.

Mrs Dickey dined with us.

Aug 14. Clear in morning. Very warm.  
Somewhat cloudy in afternoon

Went for a walk in morning, taking  
a north bound car as far as it  
went, and then walking north on  
the old Denver road. I had a couple  
of small steel traps with me and  
soon found places to set them for  
pocket gophers. I went on north to  
the Bluffs going around northeast  
by a place where I saw some Rock  
Squirrels last fall. Hardly looked as  
if the hole was inhabited now.

Went a little farther on and turned  
and went on top of the bluffs and  
went westerly. It was very warm  
and not much stirring about.

Saw two or three Rock Wrens and  
Lewis Woodpeckers, and a few  
small sparrows. On top of the  
bluffs I kept around until I  
was at a good place to go down,  
and then went down through a

out to where I could see its head and I shot that also. It was 2 or 2 1/2 feet long.

Very few birds seen.  
On my way back I saw in town, east of the Del Norte St Station a gopher mound, the only one I have ever seen in town.

Aug 17 Clear hot day -

Various odd jobs this morning. This afternoon I have been comparing my Coyote skulls, and find much difference between Baca County and Crested Butte skulls, former much larger and more massive.

Aug 18 Clear morning, some clouds in afternoon. Much cooler than yesterday.

Selected a lot of specimens to be sent to Washington later on for identification. Also filed a lot of tail skins and other odd jobs.

This afternoon Sarah had a little tea for some guests of Dr. Pravey. Just a few of the ladies in the neighborhood were invited.

Aug 19. Clear, moderately warm day.

Various odd jobs this morning.  
A letter received from Ellie this afternoon discloses a disagreeable state of affairs in family matters, and puts Uncle Frank in a very bad light as regards money matters.

Aug 20. A hot day.

Last evening there was a great electrical display in the clouds to the south, one of the finest I have ever seen. There were both the sheet lightning, flashing up over a large area at once, and the usual jagged crooked flashes, which often terminated with several forks. Once or twice the sheet lightning flared up over the clouds and then a crooked flash shored on the lighted space. It was as if a curtain had been lifted to show it.

We dined with Mrs. Campbell today.

Aug 21. The latter day yet. 92°

on north porch at one o'clock.

I took the 32 and some traps and went over to Bear Creek to set them for Rock Squirrels. Had 12 traps and found places for them all. Think I could have set more if I had had them. Also set half dozen mouse traps. Shot a little chipmunk and had a shot at a squirrel but the gun is so easy on the trigger it went off prematurely and I missed an easy shot. Not many birds about. Saw a young fellow fishing. Did not see him catch anything though he said he had.

Back a little after 12. Skinned my chipmunk before lunch and made it up after dinner.

McLara a girl now, came about me, Alma by name. Rather young and green.

Aug 22 Clear and hot in morning. Buggy and rather windy much of afternoon.

Went to my traps this morning and got 2 Rock Squirrels and a chipmunk. Another chipmunk

was in a trap when I got there, caught  
by a foot but pulled itself loose  
before I could secure it. Two other  
traps were sprung, brought the traps  
home. The two squirrels were females,  
which makes four I have of that  
species and ran a male.

Made up the skins this afternoon.  
The squirrels were hard to skin, as  
they were poor and the hide stuck  
to the flesh tightly.

Aug 23. Clear at first, became cloudy,  
light shower in afternoon. Cooler.  
Did some skull cleaning this  
morning.

This afternoon had quite a time  
trying to find John Killinger, with  
whom I stayed at the Strickler  
Tunnel last January. I heard he  
was down and thinking he might  
have a sign which I could take  
to my chest to take home, I  
started to hunt him up. He used to  
live on East Castilla St. I was told  
the 800 block, and went there but  
had much trouble in locating him  
and then found he had moved to

120 Rio Grande St so must then,  
found his wife at home, and she  
said he was down on horseback. So  
that settled that scheme.

Afterwards Aiken told me that  
Selling was down Saturday and said  
he was coming down again soon with  
a wagon. Will call him up tonight

Aug 24. Clear morning. Some clouds in  
afternoon. Fairly cool.

Did some packing for my Lake Moraine  
trip this morning. Had not been  
able to get Selling on the telephone  
as there is something wrong with the  
line.

Aug 25 A hot day. Some clouds in P.M.  
Cleaned skulls and other work.

Aug 26. Another hot day -

Finished packing my chest. This  
afternoon engaged my taxi to take me  
to Lake Moraine Monday.

Aug 27. Still hot. Cloudy this afternoon.  
No rain yet a shower.  
Nothing special today.

Aug 28 Clear in morning. Cloudy all afternoon at Lake Minnie and light sprinkles.

We had breakfast in good season but my man did not come until nearly eight. It was just eight when we left the house.

Drove up through Bear Creek. It was a pleasant drive though rather a hard road, it is pretty steep in places and badly washed out and rocky in others. We met a lumber wagon bringing down a sick woman. By the tracks afterwards we saw they came from Profound's summer camp in Jones Park.

Saw tree cut by beaver in the Park.

We got to the Lake at just noon. Found Mrs DeLong in the house. Cripps came along just after with a nice lot of wild raspberries, some of which we had for dinner. DeLong had gone over to Sun Lake.

Went out to set traps right after dinner going up the lake into the timber where I



set them last winter. Put out a lot then and also along the edge of the meadow above the lake, the meadow being too wet and swampy to get water. Then came back and set a lot more down next to a creek.

Dehony caught some suckers in a trap he has set here. Says there are some big trout in the lake.

He killed a beaver here this summer but unfortunately could not find it until some time after, when it was spoiled. He threw it into the bush and to night showed me the remains. I can get the skull, if not the whole skeleton.

Aug 29 Clear and warm this morning. Cloudy, thunder & lightning and a little rain in afternoon.

This is my busy day and I am not done yet at 6 P.M. as I want to go to some of my traps in the timber after supper.

I visited my traps below the lake before breakfast and got 4 Nesomyx virgatus, 1 C. lateralis and one

P. nebrascensis. In the traps in the timber and at the head of the lake got quite a variety, 2 Neotoma proletus, 2 E. galii, a young cottontail, 2 Microtus mordax and a little chipmunk, (4-vittatus) besides another partly eaten by ants.

When I got back found another C. lateralis in the same trap as the other was caught in.

Have made up 12 skins, getting done at 5 P.M., after I had visited all my traps above this morning I went farther up and set more by a little stream that comes down from the timber, and along Ruston Creek. Also set some Rat traps in the timber baited with little suckers DeLong caught.

After I got done with my skins went to the creek traps and got 3 Eut. 4-vittatus and 1 M. mordax besides another half eaten in the trap.

A good many more traps were sprung this morning and I am inclined to lay the blame to chipmunks.

Later - I have just come back from my round 7.20. Found a Pine Squirrel in one trap and several traps sprung.

The things have gone out for a little drive on the Bear Park road.

There are many mill mice every where. I shall like to see them take home.

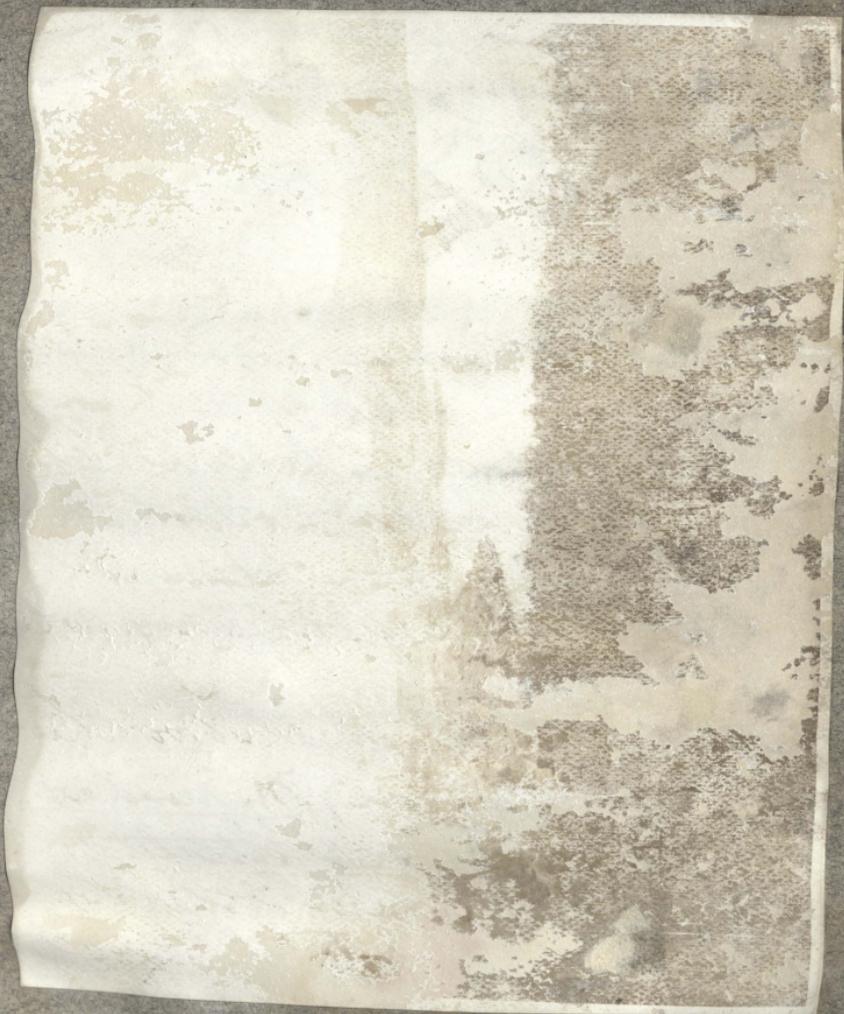
Aug 30. In morning. Light shower by afternoon.

Went to my traps along the creek before breakfast. The best thing I got is a Sciurus which when measured proved to be the largest in my collection.

In traps in timber and above the lake got a squirrel, M. mordax, E. gilvifrons and E. 4-vittatus.

Also when I returned to the house got a squirrel, E. gilvifrons from traps there.

Made up 13 skins. Got done about five, and then went over the creek traps again, finding one T. navigator and several 4-vittatus.



BUILDINGS &c  
LAKE MORGINE

SEPT. 2. 1905

GROUP AT LIGHTHOUSE

SEPT. 2, 1905



Aug 31 Clear morning. Shows this evening.

Today I did better than yesterday as far as desirable specimens are concerned. Along the creek I got several P. rebaensis and a

M. mordax and 2 E. galdi, rebaensis, General and other rat to sides

quinn. Made up 11 traps. I was there for an hour around

more in the meadow. Friends

up traps in meadow. M. mordax and one

Went up and got the meadow, it is well cleaned by decidedly bank.

Sept 1. Clear morning. Shows little meadow meadow

Took four meadow meadow this morning by Ruxton meadow, and another M. mordax. In the timber got 2 meadow and 3 E. galdi and one or two P. rebaensis. And in the meadow

a M. nendax and 2 H. vittatus.

I made up 15 skins today. I also got in the timber an adult Cottontail, Lepus pinetis.

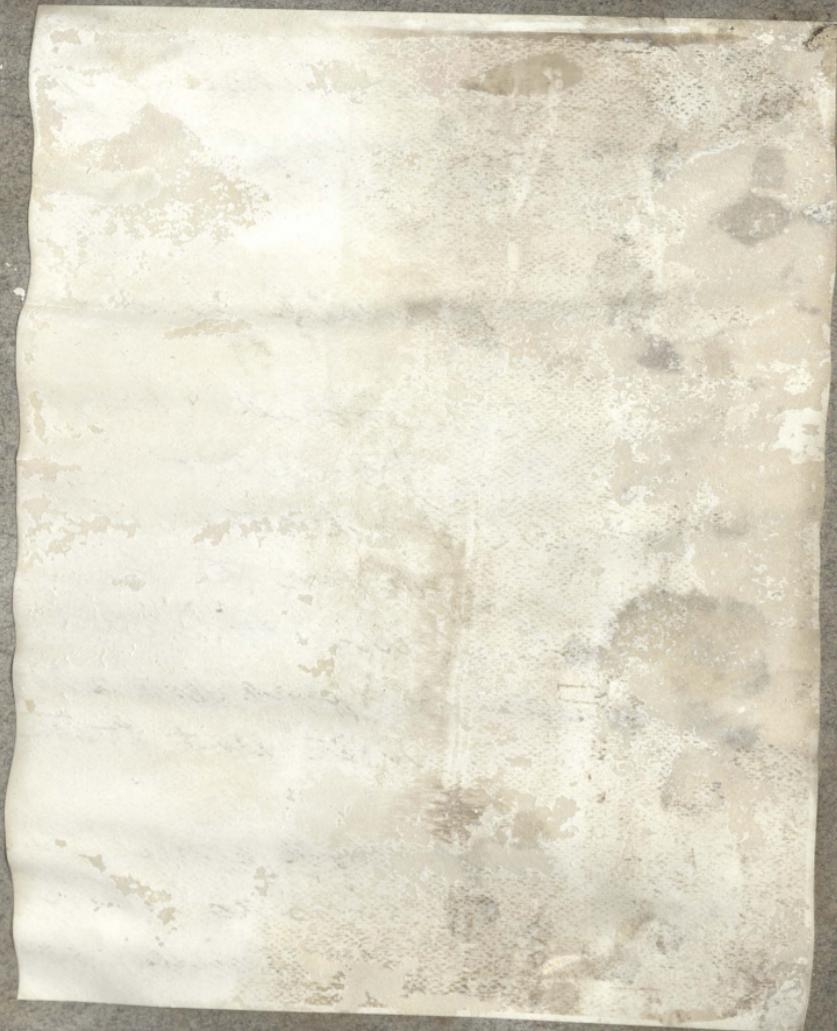
Have packed up my chest and traps ready to take over to the junction of the St. Lawrence and Red Creek in the morning.

Sept. 10th morning, a little cloudy in afternoon. Colder.

This morning DeLong and I put my stuff in a buggy and took it down the main road where I waited about an hour before the train came. I gave the driver directions to leave at Aiken's, and sent a note asking him to have it sent to the house.

Then I went out, took some pictures from some points as when I took them from St. Martin's, and walked all around the lake. Was looking for some bear cuttings that DeLong saw but did not find them.

Below the lake near the creek I shot a young Red-Leaded Wood-



LOOKING UP LAKE MOONWINE  
SEPT 2, 1905



1111

PIKES PEAK  
FROM LAKE MOEGINGE

SEP 26, 1905



pecker.

Took a picture of the people at  
 the house right after dinner.  
 Left about one and walked down  
 to Manitowish. After I got to the  
 house met many people  
 at the Cry Room. They  
 were all their way up  
 5 trains went up this  
 The G. A. R. train  
 this week and then  
 coming out for  
 Got some wood out

Sept. 3. Cool, fairly clear  
 Did nothing very special  
 Read "Diary of the Labrador Expedition  
 Sillim Wallace, an acct of the Hubbard  
 Expedition in 1903. A story of much  
 hard work, hardship and suffering,  
 culminating in "Hubbard"  
 Wallace & down then  
 near - Well, I wish  
 luck this time

Sept 4. Cloudy and cool all day.  
 Skinned the woodpecker, sorted  
 out my traps, and did some other

odd jobs this morning.

Sept 5 Cloudy most of day. Very light  
shower about 2 p.m.

This morning I walked out and  
set a lot of traps between the Austin  
Bluff Coal Mine Road and the next  
road east, in the Rock Island  
fireguard, north of the track.  
Am specially after Spermophiles,  
but will probably get grasshopper  
mice also. However, anything goes  
as it is for exchange material.  
Also saw what looked to me like  
pocket mice workings. Set four traps  
for pocket gophers on my way back  
along the old road track. Not nearly  
as many flowers out that way as  
a year ago.

Received a letter from New York  
this morning with check for proceeds  
of sale of leather stock sent in for  
sale a week ago. This afternoon  
I went down and took up the dead  
In the 25 feet west of us so that  
much is done towards my study  
and workshop.

Sept. 6 Clear this morning, showers in afternoon. Showers last night.

Went out to my traps this morning, not very great success. Four Citellus 13-lineatus, 2 Dryomys and 2 Thomomys clarius. Another Thomomys partly eaten in trap. A number of traps sprung, some of them possibly by rain last night. Brought the traps home, and was in at 10.15. Had all skinned and 3 made up before dinner.

The Pocket Gophers appear to be molting and shedding their hair and I guess I will have to leave them alone for a while. It is interesting but they make mighty poor specimens for my purpose.

Sept 7 Clear and warm in morning. Somewhat cloudy this afternoon. May Thomomys showers last night.

Took traps this morning and went over to the dry beach on the mesa and set 18 Climax traps at the holes. Also set 5 mouse traps in some tall grass or wild fig.

There were a good many birds about, sparrows in the bushes, many young and old Chipping sparrows. Shot a Western Wood Pewee.

I have been down town for a little while this afternoon. Many strangers about, now that the Grand Army Encampment in Denver is over.

Sept 8 Clear in morning. Clouds soon came up. Showers this afternoon. Showers last night.

Went to my traps this morning. In the mouse traps set in the long grass took 3 Peromyscus. In the Prairie dog Citellus 13. lineatus was the principal crop, took one Oryzomys and one Prairie Dog. I found one trap gone entirely, the chain having broken at the trap. Hunted around but found no trace of it, then went to the other traps and gathered them up. Then began another hunt for the lost trap and walking down through the yucca I saw it laying on the ground in an open space. I am inclined to think a calf may

have stuck its foot in the trap and was frightened and ran. There were a few short hairs in the trap such as would come from a calf's leg just above the hoof.

Came at 11.30 and measured up - Had 4 specimens skinned before one. Finished everything this afternoon. Had 5 of the spermophiles, besides another eaten in the trap.

Sept 9. Fairly clear, cool day. A somewhat windy day.

This morning I killed the biggest of our three chickens, so we will have a sure enough spring chicken for dinner tomorrow.

Skinned the Wood Pewee I shot 2 days ago and cleaned up some skulls I have been soaking.

Down town for a little while in afternoon. Lots of people on the streets.

Sept 10. Pleasant, moderately warm day.

Nothing very special. At the Post Office this morning there were

Long lines at the General Delivery  
Mails. Many people on the  
streets down town.

Compare the skulls of Nestora  
taken at Gaume's ranch this spring  
and find a decided difference  
in the enamel patterns of the  
molar teeth with those of N. fallax  
from about here.

Sept 11. Clear warm day.

Took the thirty two and crossed the  
monument, then went up along the  
gulch which comes in opposite  
the house. Stopped a few minutes  
to see Scheutze, Aiken's taxidermist,  
who lives over there, shot a blackbird  
in his corn but failed to find it.  
Went on up the gulch saw many  
sparrows and shot two chipping  
in different plumages.

After going up the gulch some  
little distance turned and went  
northly, along the base of the hills  
and up another gulch, and re-  
turned down that and struck  
the railroad track at Roswell,  
and then down the track and

Home. Was in at Elean.

Started to skin one of my sparrows, but it tore so badly about the head I gave it up. The other was badly shot and I did not try to skin it.

Put away the skins I took at Lake Moraine as they had dried.

Down town for awhile this afternoon

Sept 12 Clear day. Cool. Rather windy in morning.

Took a lunch, a lot of traps and the thirty two and went to Colorado City this morning and then straight across to Bear Creek, striking the creek above the post house, at the place where I have been putting in my first traps lately. Then worked up the creek setting traps, all for Rock Squirrels. Set 14 traps along that part of the creek, saw two or three squirrels.

Then I went on up into the canon, going up above the Palmer Road, and ate my lunch by the creek. As I lay on the bank, after I had finished, resting, a squirrel



Came running along and nearly ran over me but changed his mind very suddenly and turned back. I saw several squirrels upon top of the rocks sunning themselves and set a number of traps. Shot one squirrel and wounded it but it got away.

After setting my traps I went down to the road and then walked up Hunter's Creek a little way. I picked up some old paper plates at a camp ground, and using them for targets, tried my gun a little. Found it scattered shot badly at any range over 15 yards. Pretty good pattern up to that.

I saw a yucca with buds on it, and near it one with seed pods. There was quite a little of the yellow *mentzelia* here and there. I went down the creek again, over running my traps, and found two other springs, and took a *Microtus mordax* in one, an interesting capture so low down. Got home about 4.20

Sept 13. Clear and hot in morning and  
early afternoon. Heavy shower and wind  
about 4.

Went over to my traps today. Not very  
good luck so far as Rock Squirrels  
own concerned, as I only got one, a  
fine male however. Took two  
deer mice in the traps on the lower part  
of the creek. I saw two or three  
squirrels along that part of the  
creek. It was warm walking up  
the cañon and I cached the traps  
under some bushes below the road  
a little above the tollgate. Shot a  
big chipmunk there.

Then was a man <sup>beside</sup> the road  
a little below the junction with the  
Palmer road who was selling books  
of pressed flowers. I stopped today  
and had a little talk with him,  
in fact until today I did not  
know what he was there for. He  
would stop the tourist rangers and  
try to sell his books to the occupants.  
He says he has been tanaged about  
the State a good deal. Intends  
to write a History of Colorado, but not  
for several years.

After leaving him visited the rest of my traps, got a Big Chipmunk and a Mountain Rat, the latter taken at a lower altitude than any I have taken yet, about 7100 ft. Also found a P. nebrascensis partigeratus in my last trap. But not a Rock Squirrel.

After picking up my traps went down to the creek and ate my lunch. Then I walked down to Hunter's Creek and up the Crystal Park trail a mile or more, and then was not half a mile from the road. I shot a Big Chipmunk near the trail which had 27 acorns in its cheek pouches. Its head looked three times the normal size.

I saw a number of birds along the trail, juncos, jays, blue birds and flickers.

Back down to the road along a ridge, and home without incident. It was raining when I left Colorado City but we passed through the shower, but one came up with a heavy wind storm just as I got home.

Sept 14 Clear in morning. Somewhat cloudy in afternoon.

Made up my specimens this morning. They will make a good lot I think. One of the big chipmunks was quite fat. Have been reading Chittenden's History of the American Fur Trade in the Far West. A mighty interesting work.

Sept 15 Clear, and warm. Somewhat windy.

Cleaned my skunk skulls, and California rabbit skulls this morning. Did some other odd jobs.

This afternoon saw a leaf cutting bee cutting a rose leaf. I never saw one at work before though I had often seen when they have cut the leaves. It lit on the edge of the leaf and clinging with the edge against its body began cutting, walking right around the piece being cut out. When it got the piece cut out flew away with it, without having to change position, or alter its hold in any way. In this particular instance the bee cut out an oval, and not the circle they so often cut out.

Sept 16 Clear and warm. Somewhat windy.

Packed my collecting chest this morning for a trip to Divide Monday. Am going especially after Prairie Dogs. Aiken says they are different from the Wagon Wheel Gap dogs, though a White-tailed species.

Also did some other work down there. My Baca County skunk skulls are somewhat different from the one I have from Crested Butte, the only other skunk in my collection.

Sept 17 Clear and warm this morning. More or less wind all day. Cloudy latter part of afternoon.

We had a novelty this morning in the way of being entertained as we went out to breakfast to the Peasie's. Had a very pleasant time. Nothing elaborate. Cakes, hotpe, boiled eggs, bacon, hot cakes and coffee.

As we were nearly through dinner today Sarah had a call to the telephone and found that her old friend Mrs. Schoff was in town, and after a little she came up to see us

and was here all the afternoon. She and Sarah have just gone down as she goes up to Denver this evening I believe.

Late Lawrence will probably be here sometime tomorrow to stay six weeks or so until her mother returns from the east.

We have a kitten now which came about three days ago and has apparently adopted us - At any rate it camps right here.

Sept 18. A shower came up a little after 6 a.m., cold & windy. Snow very low down on mts, Snow at Woodland Park and Divide, 2" perhaps. Cleared in afternoon at Divide.

I left on 10.35 a.m. train though a little late. On account of the unpleasant matter not a very interesting ride up the Ute Pass. Arrived at Divide about 12.15. Found a stopping place close to station. A fairly comfortable room. Had dinner then changed clothes, got out traps and started out.

Not being acquainted with the

Country I enquired of Mrs Gibbons the landlady about prairie dogs and she thought I could find some over the hill back of the house. So over the hill I went and found some holes, and set several traps. On account of the snow and wet I could not tell much about their freshness or their being used. Just below the hill is a small stream flowing northerly, and near it set a few mouse traps. Then I crossed and on the other hillside set more traps and also 3 steel traps for pocket gophers. I shot one Citellus 13-line. patens. After setting quite a lot of traps concluded I had enough set and went down to the creek and was following it up when I saw 2 prairie dogs on the hill and shot one, a  $\frac{3}{4}$  grown young one I think. Set a trap at that place.

Then went on up the creek again, and came to a meadow where I set a number of mouse traps. Farther up I came to spruce timber with a few aspens

and then set both mouse and rat traps. Saw signs of both squirrels and rabbits.

Coming home I looked at my traps and took 4 Spermophiles. Tonight have skinned and made up everything so that the coast is clear for tomorrow.

Sept. 19 Clear cool day.

Visited my traps in morning and did not get a prairie dog though I saw two or three. Moved some of the traps around and set new ones.

But I did get quite a number of other things, Peromyscus nebrascensis, Thomomys fessor, Microtus mordax, and another Microtus am not sure if it is nanus or modestus - and Eutamias galei. I came back by ten o'clock, and got right to work, and had all skinned <sup>before</sup> by 2 o'clock and made up, and then started out again to visit the traps, accompanied by young Gibbons, a boy about fourteen. Who is an animated interrogation point.

Took 8 Citellus 13-lineatus, another



of the unknown Microtus in the same trap as the other, and one each of T. fuscus, Callosp. lateralis and Cit. vittatus. Am getting rather discouraged about the Prairie Dogs and Land Squirrels.

After a week started to work again and this time about eight, but did not see any of those fast spermophiles, only Callosp. lateralis and I bother with Microtus in a series.

Sept 20 Clear day. Quite warm

Went to traps in good season. As I went up the hill toward the rear... I saw a prairie dog. Tom had a short run it and... And within 10 ft... traps... Got a Microtus... and 2 or 3 C. 13. lineatus in traps set for Prairie Dogs.

Found a Microtus mordax badly eaten up in trap not very far from when I caught the two of the other species yesterday.



V.I.V. 17  
VIEW AT DIVIDE.  
SHOWING TRAPPING COUNDS

DIVIDE, COLO,  
FROM EAST

SEPT 20, 1905

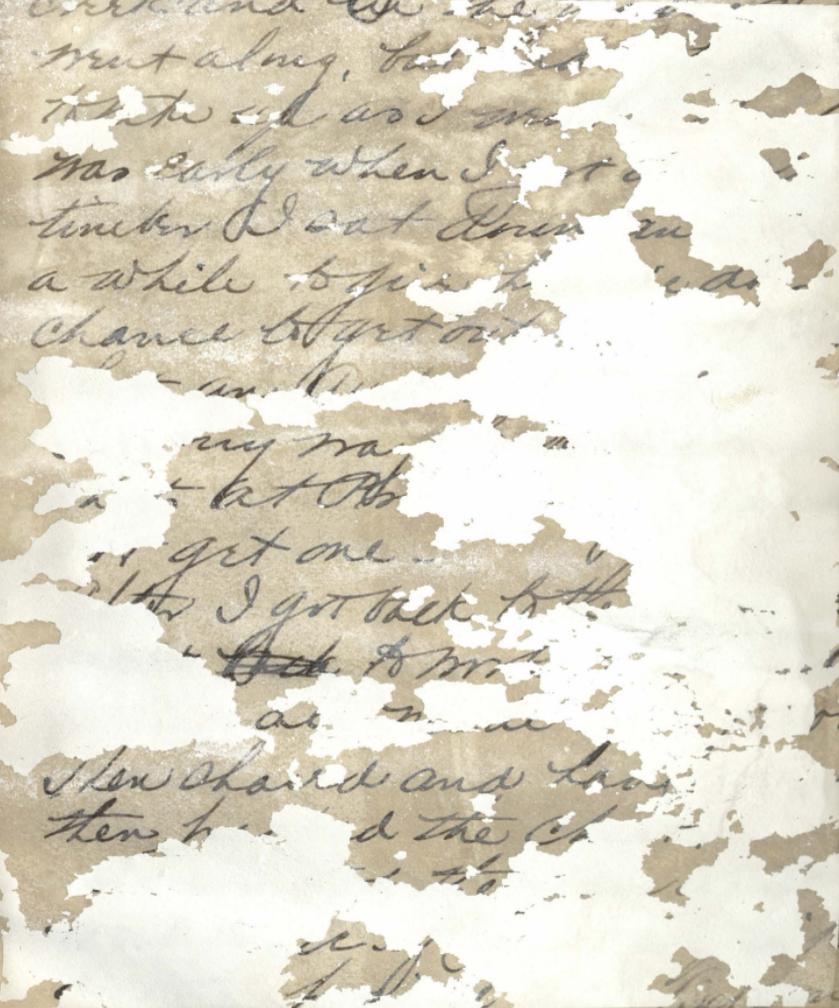


DIVIDE, GOLD,  
FROM, EPST

SEPT. 20, 1905

Got another Pocket Gopher, and in the timber a Red-tailed Mouse and another Peromyscus.

I was picking up the traps by the creek and in the timber I went along, but I had to take up as I was early when I got to the timber I sat down for a while to give the mice a chance to get out.



my name  
at the  
get one  
I got back to the  
to Mr.  
as

then heard and saw  
then heard the  
to

Saw one and he declined to be shot at.

It has been a beautiful fall day. Though warm in the sun this noon it was not

Am going down on the five o'clock train. Am sorry I did not get more of the prairie dogs, but have enough for identification at least and that is the main thing.

Sept 22 Yesterday and today fine warm days.

I did not write yesterday because my baggage failed to show up and I did not get it until this noon, having been found at the Santa Fe Station instead of the Rio Grande where it should have been. The agent at Divide must have neglected to put it on the train I came on but held it over until the next train, coming from the west on the Midland, and hence going to the other depot.

Yesterday I did not do very much as the baggage not coming bothered me and I could not do much until it did come. This afternoon I unpacked and have repacked ready for my Grand Junction trip of which I start Sunday night.

I am quite sure that Microtus is m. canus though cannot tell definitely until skull is cleared. And the prairie dogs are quite different from the Magn. M. the specimens - Much lighter in color.

Miss Lawrence is here, having arrived Monday afternoon.

Sept 23. Clear fairly warm day. Have been packing some, and had to repair my chest. Have bought my ticket and leave tomorrow night.

Sept 24 Clear in morning. Somewhat cloudy and windy in afternoon. Yesterday morning Geo DeLong telephoned from Lake Moraine that he was sending down a specimen for me, and that it would be left at Aikin's. After supper I went down and it was brought in after a little. It proved to be a Black-footed Ferret which had been found dead in the lake. Very odd that it should have been found in the water.

I skinned it this morning -  
Am all packed up now ready for  
the baggage wagon to come.

We have had some good games  
of Bridge the last two evenings. Friday  
Mrs Bryant was here and Miss Lawrence  
and I beat Mrs B. & Sarah pretty badly.  
Last night Miss Rose Fry was here  
and Miss L. & I fared rather badly.



Sept 25. I left last night on train due at 10.40 but which was nearly an hour late. This morning I got on and turned out below Leadville. The mountains there and on the other side of the range below Tennessee Pass are in their Autumnal colors the aspen leaves having turned yellow. The views in many places are extremely beautiful. I enjoyed the ride down the Eagle River very much it is the first time I have been down for fifteen years. Then the railroad was narrow gauge. From Glenwood to Grand Junction it was all new to me, although I have been over the road twice before by night, but that don't count.

The valley of the Grand is quite wide in places, and well taken up and cultivated. Still there are a good many stretches that are still in their natural state and covered with sage brush.

Many fruit orchards in the valley, especially at the lower end. There many of the trees were loaded

with fruit, especially apples.  
 He had rain at Glenwood and  
 Betwinsters and Grand Junction  
 together about an hour late, at 1.40.  
 I walked up town and hunted up  
 Frank Dean the photographer who  
 used to be in Gunnison. He told  
 me when to look for rooms, and  
 then took me over to hunt up my  
 friend Dr. Bradbury, who was not in.  
 He introduced to Dr. Eldridge from  
 whom I had a list of mammals.  
 Then went to look for a room. Did  
 not find one at the place Dean told  
 me of but found one at another  
 house the La Harpe. As I caught  
 an express man right there I soon  
 had my baggage over and unpack-  
 ed.

Then went to see if I could find Dr. B.,  
 but he had not yet come back.  
 Had a talk with Dr. Eldridge and  
 then took a walk about the town.  
 Came back and found Bradbury.  
 He did not know me at first, it  
 is a long time since we had seen  
 one another.

We had a pleasant chat together

He is State Horticultural Inspector for this county. Picks up a few specimens of one kind and another, mostly insects.

After supper went there again and stopped awhile. Prof Paddock of State Agricultural College was then coming down the Eagle and Grand Valley. I saw holes of Prairie dogs but no dogs. In rocks below DeBeque some nestora nests. One Little Chipmunk just above Mintum.

Sept 26. Clear all day. Hot at noon and in afternoon.

I was up in good season, had breakfast, and started out with my trap pack. I went south, crossed the Grand on a bridge, then cut across country to another bridge over the Gunnison, and then turned and went up along the Gunnison. There is much grass-wood and sage, the latter taller than any I have ever seen. Some as high as my head. Some willows by the river. Then was a ranch then, setting back near the sandstone bluffs which are a few hundred

yards back from the river. I set several mouse traps in the brush near the river, and then turned toward the rocks, and then found many signs of Neotoma. Put out a number of Rat and Mouse traps. Finally climbed on top and found a rolling country much cut up by canyons and gulches with sandstone rim rocks. A few scattering cedars. Pretty barren, not much grass or anything else. Set a few traps. Climbed up on a higher point when I could size up the country pretty well, and decided I had better set all my traps among the rocks and get what I could there and then move over to the other side of the Arroyo into the desert. So I put them out as I found places. Plenty of Neotoma signs.

After setting all the traps, except some Out-of-Sight Rat traps I had brought for Kangaroo Rats and some steel traps I had for Pocket Gophers, I turned more South east, but soon into a gulch or Cañon which I followed up until it got too rough

Then climbed out again, and went along the upper edge some little distance, then turned to the west, climbed to quite a high hill when I had a good view. Then down toward another cñon, but did not descend all the way, but turned and worked along about half way down. Saw a White-tailed chipmunk, Amnospermophilus leucurus. The first I have ever seen alive. Could not get a shot. Finally had to go down into the cñon and followed it down. Shot a meadow mouse, and saw a cottontail rabbit but did not get a shot.

Passed close to the ranch on my way and saw 2 or 3 more of the chipmunk about the house.

Got back to Dan about three.

Most of the soil about here seems to be adobe, and mighty sticky when wet

Sept 27. Clear warm day

Sept 28. Warm day, a little cloudy  
I had to work to late last

night on specimens that I did not get time to write.

Yesterday I had plenty of material to work on. Som after I got on the mesa above the Grand River bridge I shot a prairie dog.

In the sage brush in the Gunnison bottom saw a young cottontail and set a trap for it. In the traps in the bottom among the bushes took several Peromyscus that look very like rebracensis. In the rocks took 3 Peromyscus that I suspect to be auripetens, 4 of a pale form of Eutamias 4-vittatus, 2 Ammosp. leucurus, one round tailed Neotoma and 5 bushy tailed that may be oreolestes, or may not.

I got back to town, a little after noon, had lunch, and went to work. Skinned 20 specimens, but only salted the rats and prairie dog. They will keep soft a day or two until I can find time to make them up.

Today I saw 2 Rock Squirrels near the Gunnison bridge.

I brought in 1 Peromyscus, one being the supposed auripetens,

3 round tailed and 5 bushy tailed  
Neotomas, 4 Ect. 4-vittatus, 1 Armo  
leucurus, and a Microtus that  
 looks very like musseyi, taken in  
 some brush on the river bank -  
 I made up 17 skins today, and  
 did not salt a one, and was down  
 at 10 P.M., but was back to the  
 room a little after 11 P.M.

Sept 29. Began to rain about 8 A.M., rain  
 all morning and first part afternoon.

I had a nice setting today while  
 out to my traps this morning and  
 had to change all my clothes when  
 I got back to the room -

I had fair luck today and added  
 2 to my list of species, getting a  
 rabbit and a Rock Squirrel -

Also got 2 Peromyscus auripictus  
 and 2 of the other species, 1 round  
 tailed Neotoma, and 3 <sup>bushy</sup> ~~round~~ tailed,  
 besides throwing another away be-  
 cause of a broken tail, 4 Ect.  
4-vittatus and 1 Armo. leucurus,  
 and another Microtus.

Shot a rattlesnake in the brush  
 near the river. I thought only about

18 inches long it had 7 or 8 rattles.  
I scolded up one rabbit among the  
rocks. It was too rainy for much  
to be stirring about.

I was back to the room at 10.15  
and after changing measure and  
labelled the specimens. Did not  
skin two of the bushy tailed rats  
as they were females and I have e-  
nough without them. Skar all  
the skins made up. Brought  
the traps all in.

Sept. 30. Clear today. Not very warm.

I took the gun this morning and  
started out north to investigate  
the chance for trapping on the des-  
ert. I walked out on Seventh St  
and on a county road until I  
got beyond the ditch and culti-  
vated land. After getting out of the  
city limits there were acres and  
orchards, apparently mostly apple  
orchards, and the trees seemed to  
be well loaded.

The streets and roads were very  
muddy in places.

On the desert there was not much



to be seen, Sage brush and some other stuff that I dont know name of, and some prickly pear cactus. I jumped two Cottontails and both times the cartridge missed fire, they were some I had in my pocket when I got wet yesterday.

I saw some signs of Kangaroo Rats but not much, and decided I had as good a show in the gulch when I found the holes the other day, and easier to get to.

I made quite a long circuit around to the south east, coming into town by another road.

Besides the rabbits I saw nothing else but some small birds that I took to be Horned Larks, and a Buzzard.

This afternoon I made up the satchels I salted the other night, and they are out of the way.

Oct 1. Clear day. Quite cool in morning. Warm later on.

Dr Bradbury drove me out this

morning to the Gunnison, and I put out quite a lot of traps in the gulch when I thought I found Kangaroo Rat holes, and also among the rocks at the sides. A boy about 16 came along as I was setting the traps and went with me a little.

We got a late start and I took it easy and did not get back until 2 P.M. Found a Chipmunk and an Antelope Squirrel in two of the first traps set and which I stopped to examine as I came back. I skinned them as soon as I got to the room.

Then I changed clothes and went out. Had a talk with Dr. Eldridge and then went to see Bradbury. He has Ellitt and the N.A. Faunas. So I have looked up some things. No doubt but that the Deer Mouse is P. auripictus. And the vole seems to be M. mundayi, at least there is nothing else in the way of a long tailed vole which is found anywhere near here. I was then this evening after supper

also. He showed me a small snake which he took Len, had only seen the one. It is a red spotted creature, and his description sounded to me like that of one which asked me about once and which he had seen at Colo. Springs.

Oct 2. Clear day, moderately warm in middle of day.

Got a good early start for traps. Got the usual assortment of mice, rats, chipmunks, but took kangaroo Rats. One trap set for them took a Peromyscus and another an A. leucurus. Saw two rabbits but failed to get a shot. I got four of the P. auripletus, and two of the other species, in fact I am beginning to think there are two species of these last, one darker and with the tail black above, and the other lighter and dark part of tail same color as back.

On my way back shot a prairie dog on the mesa. Set a trap in a hole for me also. Got in in time to measure up before dinner, and skinned and made up fifteen by

Six o'clock

Oct. 3. Clear day, Quite cool in morning. Warmer after.

Took a very big haul in traps this morning, 3 P. auripictus, 3 Ext. 4 vit tatus, 2 Neotoma and 2 Antelope Squirrels, and shot another, also took 3 of other species of Peromyscus, but all so badly injured that they were not worth keeping.

Had all skinned and made up in good season this afternoon.

This evening Dr. B. took me to call on a Mr & Mrs Phillips. They are from Marblehead, spent a pleasant evening there.

Oct. 4. Clear cool day.

Dr. Bradbury drove me up to Palisade, about 1/2 miles from here today. I was much surprised to see how developed and cultivated the valley is. We went out by one road and returned by another, and it was practically all orchard and fields by both roads. We stopped at Palisade a short time. Then

nut in. Stopped at an orchard and went through it, the Dr. giving the owner some advice about the trees. Had some good peaches there, nice and ripe from the trees.

At the place of a Mr. Bush we stopped and I bought a couple of boxes of peaches, and have sent one to Sarah and one to Dick.

It was quite a revelation to me the amount of fruit grown here, though I knew there was much.

This evening Dr. B. has shown me quite a lot of fossil leaves and insects from Tertiary shales about 50 miles north east of Len., in Garfield Co. They are very fine specimens and very interesting. Ought to be worked up. I suspect he has a whole lot of things stowed away in those woods of his.

Oct 5. Clear cool day.

This morning I turned out in good season and after breakfast took the gun and started out

on my old route across the Grand  
 and Gunnison to see what I could  
 find. Saw a rock squirrel near the  
 latter bridge. I went up a gulch  
 just when the road comes into  
 the bottom, but it only extended  
 a short distance, and was surrounded  
 by a high rim rock. So came out  
 again. Had a glimpse of an-  
 other rock squirrel. Walked up  
 the bottom part the same then turned  
 up a wide gulch, there I came down  
 the first day I went out here, I had  
 gone up a short distance when a  
 rabbit started and I shot it run-  
 ning, and as I was going wit  
 another jumped up, at which I  
 got a sitting shot. They were full  
 grown, one male and female, so  
 that I was pleased with my luck.  
 I walked up quite a distance but  
 saw nothing more, so stopped and  
 skinned my rabbits then started  
 back.

The gulch is quite wide and  
 shows much sign of erosion and  
 fracturing. There are a number  
 of hills and mounds of red and

green clays resulting from the decomposition of the rocks, and some odd shapen rocks resulting from the same causes. The country rock is sandstone, that is what remains.

I saw nothing special on my way back though I had hoped to pick up a prairie dog.

Got in intime to make up the rabbit skins before dinner.

In the afternoon packed my specimens, chest &c.

This evening I was at Dr. Bradburys. There was I have been a meeting of the Western Colorado Academy of Science, but only a few came. And only sat a few & talked. Met Mr. Clay, with whom I have had a little correspondence.

Oct. 6. Clear day. Warm on train.

I left Grand Junction at 10 a.m. for Gunnison. The 50 miles between Grand Junction and Delta was new to me, but I have been to Delta three times. Much of the valley above Grand Junction

is a rather wide Cañon with low walls, which are in places a red sandstone, which replaces the gray lower down. The country was desert and barren looking, much sage brush and grasswood. Of course right in the bottom near the river it is green. A few ranches scattered along but not much cultivation. Had dinner at Mtnme, not much of a dinner, hardly six bits worth. I rode in the observation car part of the way through the Black Cañon, my first ride up. I must say it does not impress me very much. It was nearly six when I got to Gunnison, over a half hour late. I had had a little walk up to our since supper, looks same as ever.

Oct 7. A cool morning at Gunnison. Quite warm at noon.

After breakfast this morning took a walk over to town and was at the Court house, and saw some of the Crested Butte people there, Smith and John Whipp, and James Hurley.

The train from the east was about



an hour late so it was about noon  
before the Crested Butte train left  
Gunnison, and then it just crawled  
along,  $2\frac{1}{2}$  hours for 20 miles. It  
does take the cake for slowness.  
Everything looked about the same  
on the way up.

As the train crossed the ~~road~~  
road just below Crested Butte I  
saw the Secker girls in a buggy  
waiting for us to get by. Waved  
my hand to them and they saw  
me and answered.

Had dinner as soon as I got to  
the hotel, of course, and then started  
up town. Mr. Hallwell was at the  
post office and I saw others whom I  
knew. Went to Secker's of course.  
Found him in the store. Had quite  
a talk of course, and agreed to go  
over to the lake for Sunday. Then he  
said I might as well room at the  
store as they room all at the ranch for  
the present. That suited me well enough,  
so I brought my baggage up.

Late in the afternoon I went out.  
Seemed quite natural, only since  
Harold Mace and Hattie are married

90  
they live at the upper house, They have  
a small boy.

Nellie is teaching school at Flomsta.  
Gets \$10 a month for teaching five schol-  
ars. There are two schools in that dis-  
trict and three scholars in the two, and  
their salaries cost \$100 a month,

October 1st. A very cloudy day on mts.

October 2nd. A very cloudy day.

October 3rd. I took the gun and  
went to the lake, by the  
end on the hill a-  
cross through the  
timber, coming  
out at the lake to  
the lower end of the river.

I did not see any musk. Ran into  
a large flock of musk and killed 2  
grays.

October 4th. I went out in the  
boat and I fished a little but did  
not get any.

After dinner Decker and I walked a-  
round quite a bit looking at some  
dams he had built and was build-  
ing. He has done quite a lot of work  
and broken more land. Oct 7 5 or



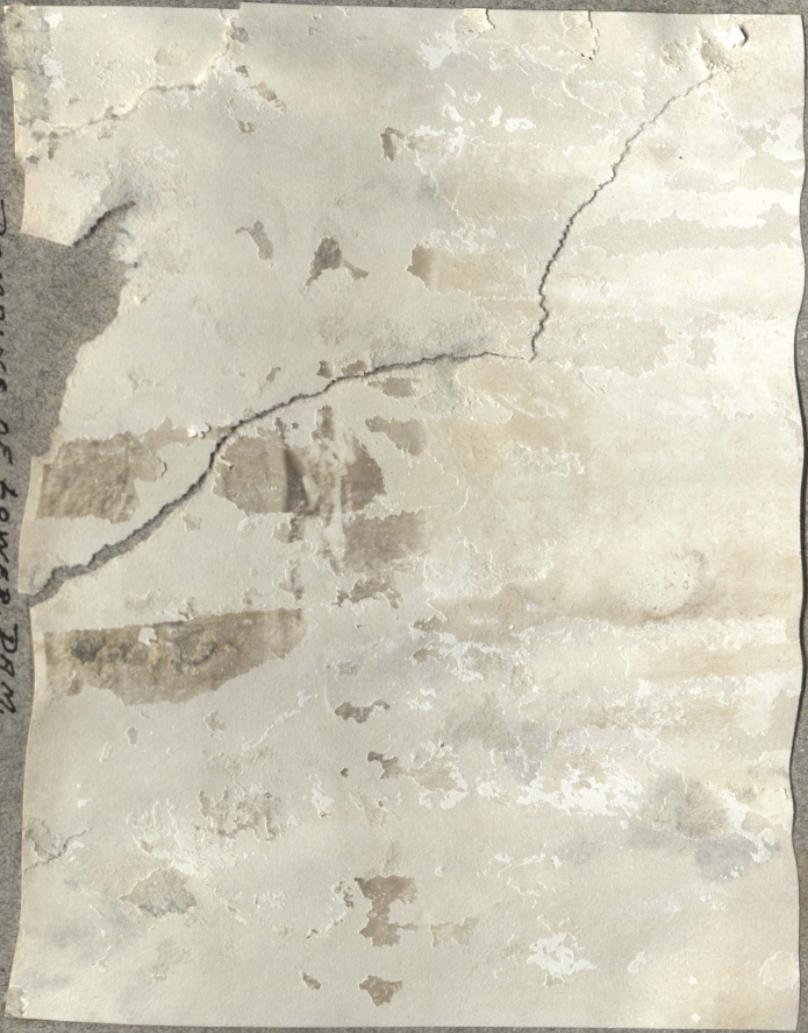
h.

REMNAINS OF LOWER PART  
FROM BELOW

OCT. 26. 19 05

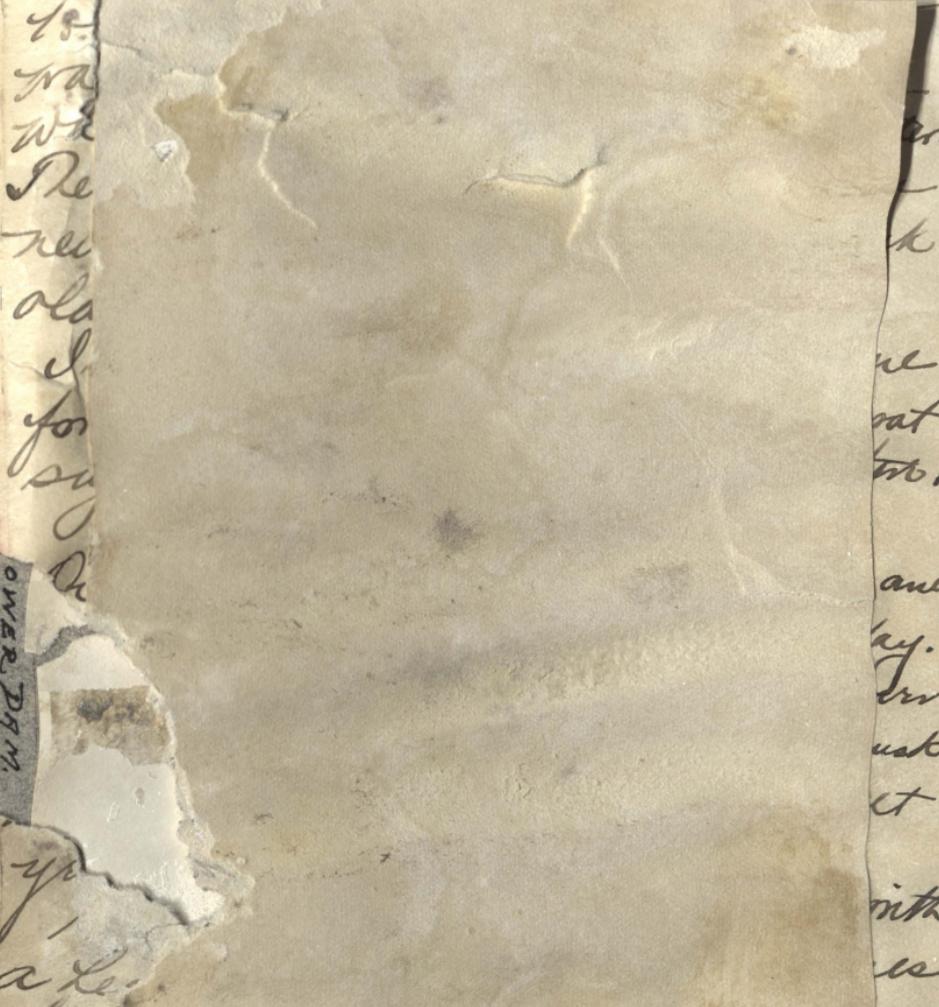
90  
they  
i o  
The  
Get  
are  
me  
their  
O  
A  
I  
na  
Sig  
An  
time  
out  
the  
I  
a  
gra  
D  
I  
ro  
a  
h  
d  
ni  
as

FROM ABOVE  
REMNANTS OF LOWER PGM.  
OCT 26, 1905





I wandered around in the place among the sloughs. As usual was as good as lost half the time. It is very hard to get about, as there are sloughs



over P.M.

the ice was half an inch thick. After I had set the extra traps I went on up the river and found more or less sign of beaver all the way up, but most near the old house and house, and farther a

er.  
k  
ne  
eat  
to.  
and  
ay.  
er  
usk-  
at  
with  
ce

PERPOND

Bank  
m

right there. Quite a little job.

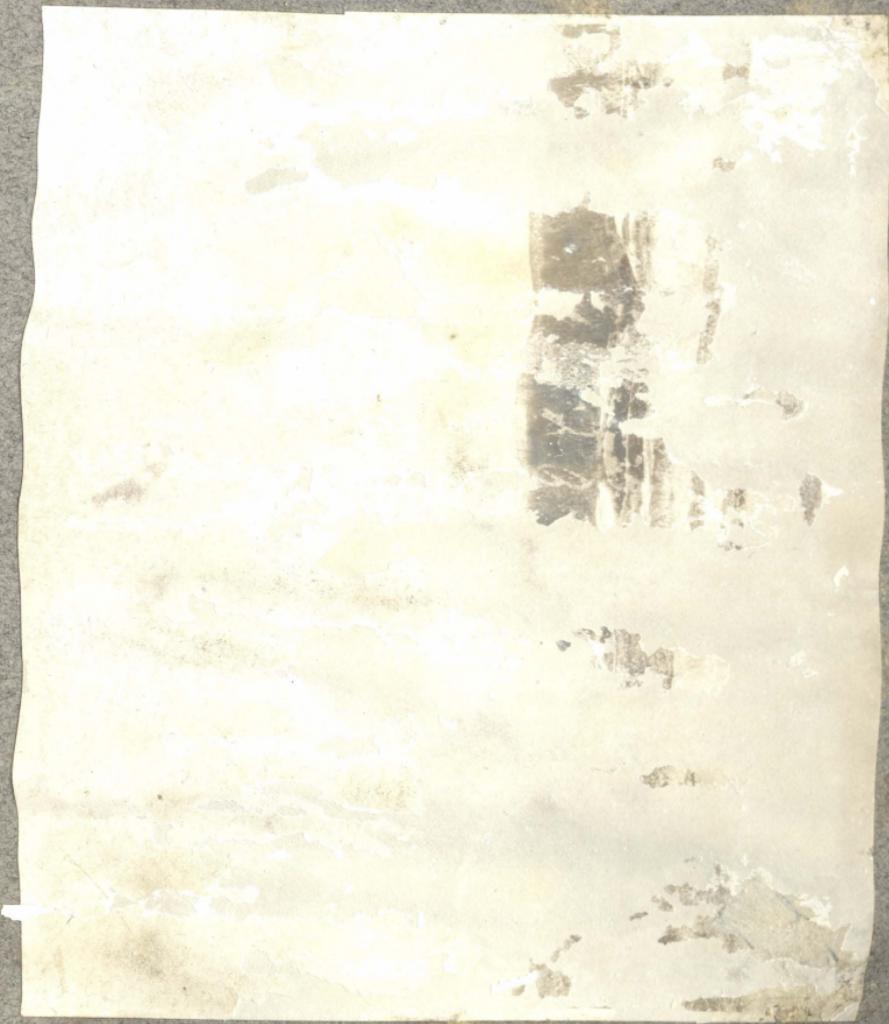
I found one of my muskrat traps  
laying on the ice with a four foot  
ice it and a couple of clean  
pictures and a piece of ice, and on  
the line was a muskrat with  
one leg broken and hanging up. I

... some carcasses to  
could eat to what did it.  
... and found  
... missing cannot  
... unless a beaver got  
... it and dragged it off.  
... it could have

... several rounds of  
... for town, and  
... beaver skin. And  
... off flesh.  
... and left it  
... in skinned  
... muskrat, which is  
a very good sized one.

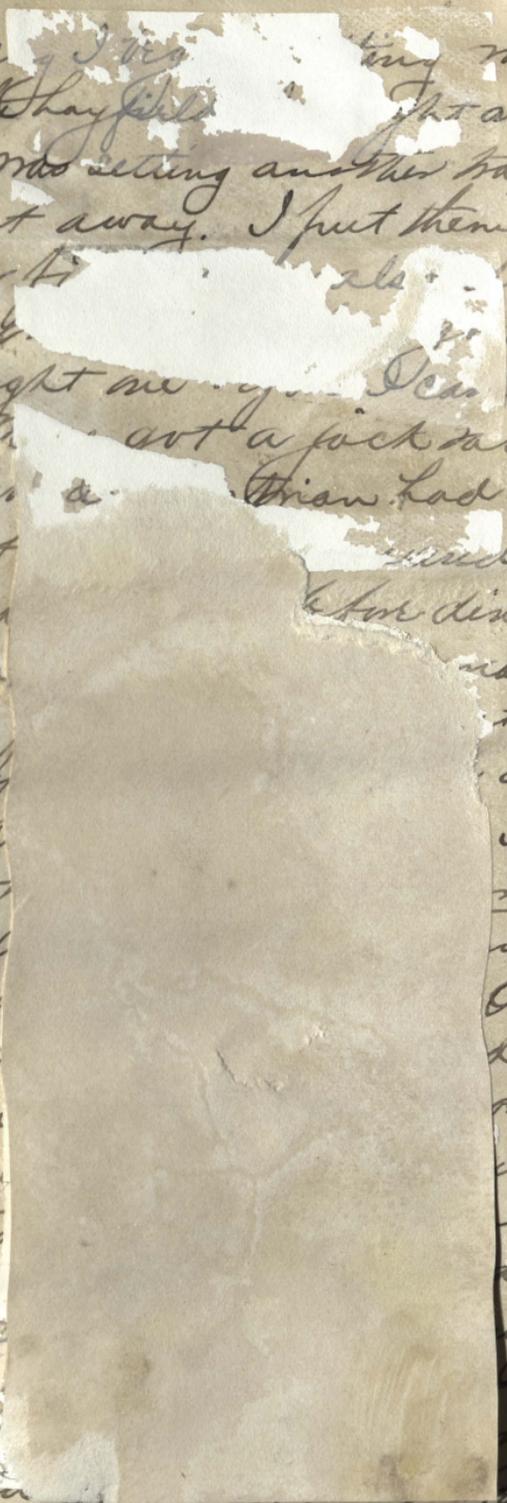
I make the beaver skin right up,  
thinking it the best way.  
Tomorrow morning I take the camera  
out and will take a picture or two,  
and will bring in the traps.





THE UPPER DAM, FROM ABOVE  
OCT. 26, 1907

This morning I was setting mouse traps in the hay field. While I was setting another trap only a few feet away. I put them in the upper part of the lower part and caught me. I can't back. Harold got a jack rabbit for me which a man had shot, and which got there. I salted the bait traps part of my had left a cup more than. After dinner I set traps for gophers and small traps for mice. I baited with traps again.



That are mouse traps  
I put them in  
the upper part  
the lower part  
and caught me  
I can't back.  
Harold got a  
jack rabbit for  
me which a  
man had shot,  
and which got  
there. I salted  
the bait traps  
part of my  
had left a  
cup more than  
After dinner  
I set traps  
for gophers  
and small  
traps for mice.  
I baited with  
traps again.

Set two traps for muskrats in the

M. ramosus

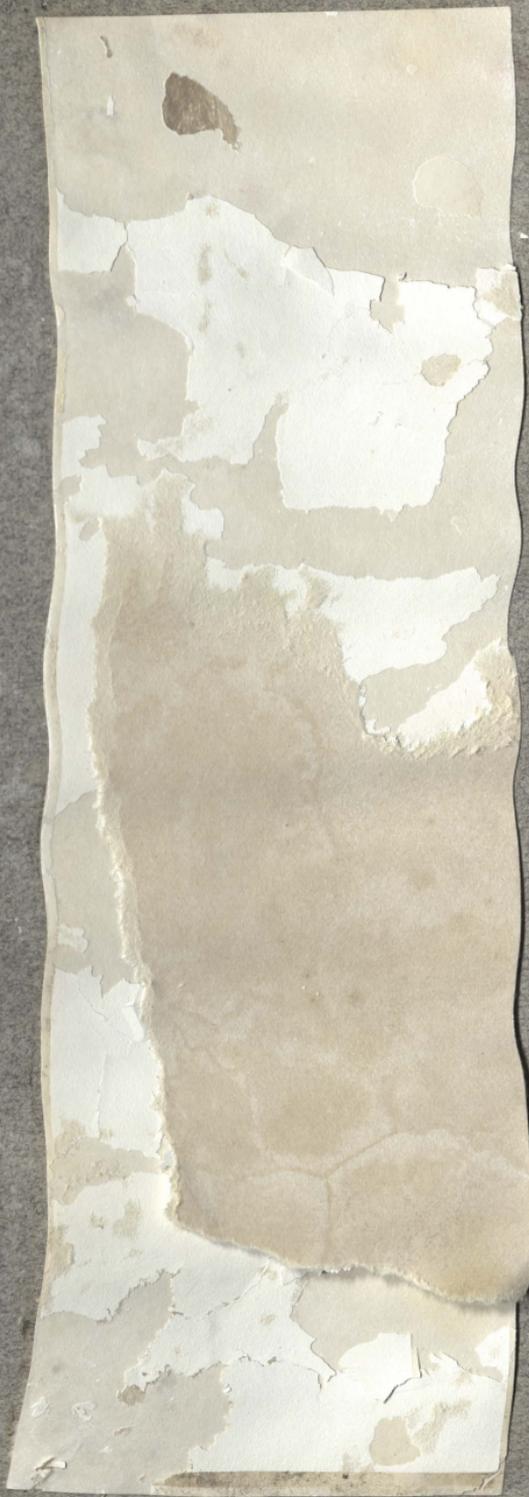


THE UPPER BEGGER POND

OCT. 12, 1905

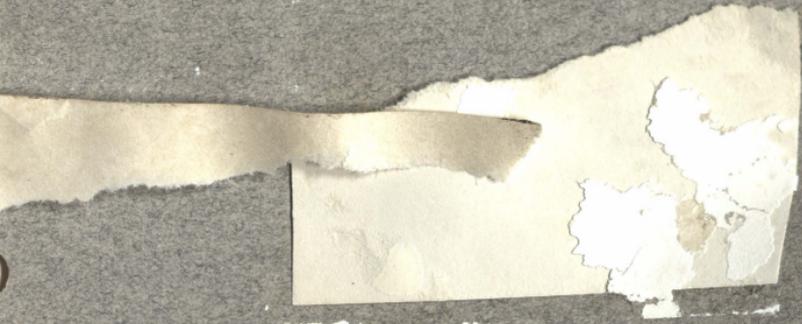
THE UPPER BEAVER DAM CAMP

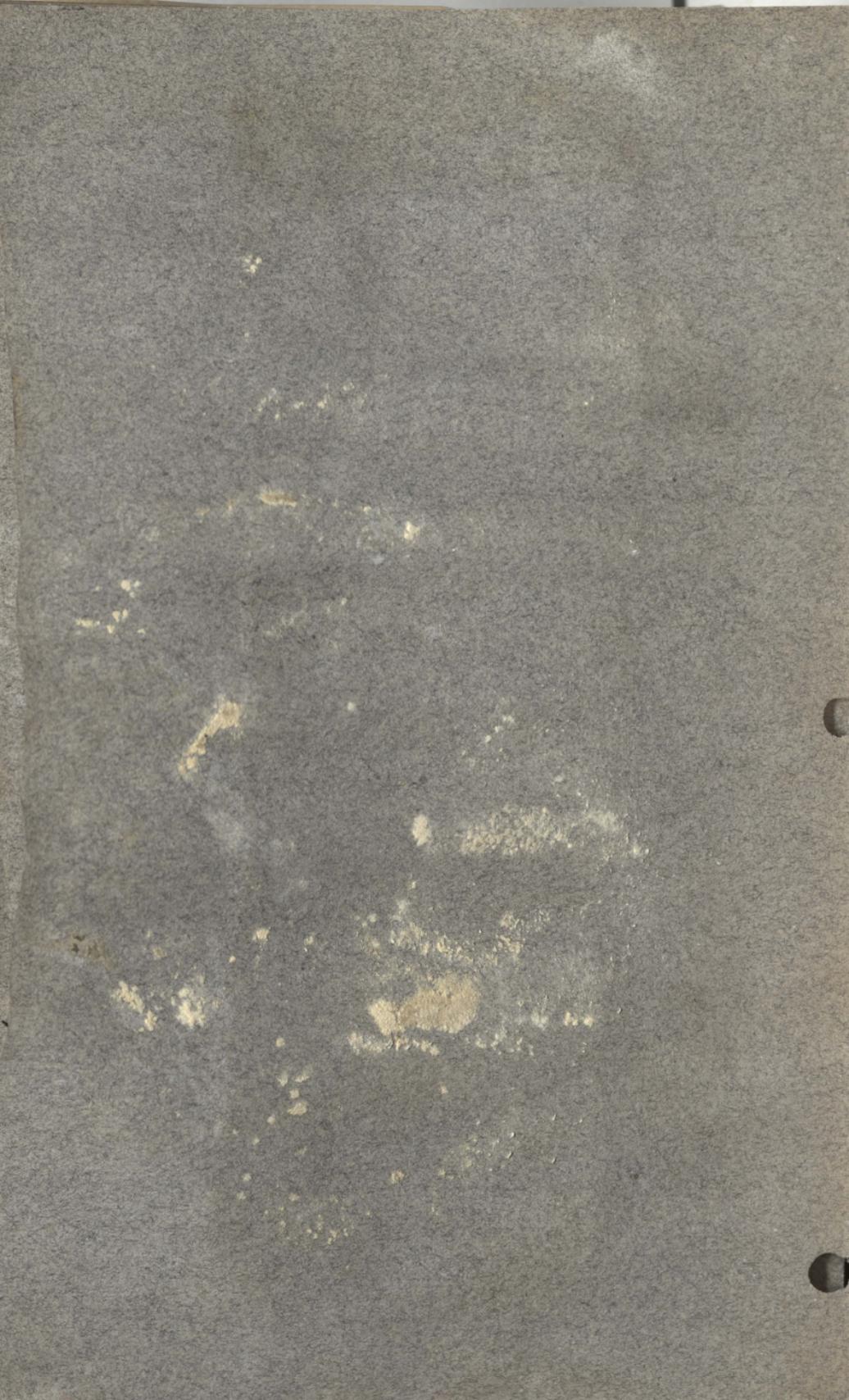
Oct 12, 1905





SLATE RIVER VALLEY,  
FROM NEAR CRESTED BUTTE-





lake. Very late in afternoon found a  
gopher in the trap near the lake.

Shot one little chipmunk and trapped  
another.

Oct. 4, 26° in a.m. 6 ins. light snow on ground.  
Snowing hard at 6.30 but let up. Colder  
tonight and apparently cleared.

This light snow made it difficult  
to find traps and I suppose I did not  
find half of them. When I had traps  
I found none at all. This refers to  
the mouse traps in the fields. However  
I brought in 2 shrews, (Sorex sp.), 3 m.  
nanus, and 3 T. fress. In the  
traps about the big rocks I got 2 M. or-  
lestes, 2 Peromyscus subarcticus, and  
rather to my surprise M. mordax,  
and a fine large one.

I have made up 18 skins, and have  
a few specimens left over if I wish to  
use them.

Oct. 15, 26° in a.m. Cloudy. Warm & partly  
cloudy all day. Snow melted very much.

Not very much in traps this morning,  
but took another small shrew, and 2  
M. mordax. I dug out the five traps

along the fence near the lake, and 4 out of the five had something in them, 2 P. subarcticus, 1 m. rarus and 1 Eut. 4-vittatus. Got another short tailed rat this morning much to my disgust for it was a big one.

I made up ten skins and got done early in afternoon. Then I went to look for traps in the field and found quite a number. Then more 3 m. rarus in them.

After that I took the gun and started for the upper end and big rocks. Visited my muskrat traps and found one in the trap set in the lake. The trap on the raft was covered with grass. Had been sprung, but the jaws caught and did not close.

Around the big rocks not much was to be seen, but in the slide we saw one or two Erny lay hills and shot one of the animals.

Have set a muskrat trap in the upper pond as one was seen there today.

Oct. 16. 34° in a.m. Cloudy. Began to snow about 5 P.M. Over an inch has fallen.  
7 P.M.



There was not very much in the traps this morning. a Arvic. microtis of both species, and Peromyscus. Caught several of the latter in the cellar.

It was very still when I was at the upper traps, the silence was almost oppressive.

I made up 15 skins today. I took a muskrat in the lake, in the trap I had set on the raft.

After I got done with the specimens this afternoon I went out and picked up all of my mouse traps that I could find. I don't care to have them buried up again. Set half adze in the hatchery as snow often runs about there.

Oct. 17. 31° in A. M. 6 ins snow fell last night. Cloudy much of time today, but it has really cleared off tonight.

My forty fifth birthday - But have not done much to celebrate.

Not much in the traps today, but got an Eutamias galei. If the weather had been good would have tried especially for them in the timber.





BEAVER TRAIL IN SNOW

OCT. 20, 05

Oct. 20. 14° in A.M. Bright and clear

This morning I went up State River and photographed some Beaver dams and ~~land~~ trails, also a house which

I did not see yesterday

of

in

I

in

this

after

the

last

morning

to go

to

promise

Q. 11 in A.M. Bright & clear.

Four little after tea

in a light breeze and was

fairly good. Considering the late

weather, and we had no trout

until we turned onto Mr Stallworth's

road, this had not been trawled

since the storm, and the six to



BEAVER TRAIL IN SNOW

OCT. 20, 05

Went back and got the traps and set four in various places. This took me perhaps ten minutes. As I came out I found a rat in the first trap I had set, the biggest rat I have ever seen, I measured it roughly and it is  $16\frac{1}{2}$  ins long, over 100 mm.

Came out I went diagonally across the hill, setting a few more traps under logs. I went to the east shore of the lake, then swung south into the timber. There were a good many rabbit, squirrel and mouse tracks. I set traps every row and then.

I did not see any birds.

Soon after I returned to the house I started out again, going up Elk Creek, then swinging west up the hill and coming back by the upper tunnel again. I saw what I took to be a wolverine's track and very fresh it was.

We had dinner about 3.30, and had some nice Wisconsin Steak. Mr. H. had a big pile of dishes to wash as he just lays them aside and makes up once a week!

about five I went out again for a while, past the lake along the edge of the timber but saw nothing.

Then saw a good many camp birds about, and they are tame as Mr. H. always puts out something for them. It is amusing to watch them feeding, seldom two at a time, but one comes, gets his fill and flies away and another at once takes his place. I have seen little chipmunks running about here.

Oct 22, Warm this a.m. (No thermometer in camp) Clear, but a few light clouds about.

I got up before seven and went out to my traps. The snow was frozen and crusty, and slippery walking going up the hill to the upper tunnel. Found 2 more rats than. Set a steel trap for the wood chuck whose tracks I saw there, or it may be a porcupine.

I took quite a lot of mice in the traps, M. mordax, M. nanus and E. galii. Also one shrew, Sorex sp.

Got back about 8 and found Mr. H. just finishing his toilet.

Breakfast

Helped Lin cook ~~it~~ frying the cakes. After breakfast fed what cakes were left to the camp birds, which would come and eat from my hand. One perched on my arm and then hopped down on to my hand.

I then went out with the gun, going straight up the hill back of the house and working onto the ridge between Elk and Independence ~~and~~ Basins. It was pretty hard going as there was much down timber and the snow a foot deep. I saw a good many rabbit and grouse tracks, but I did not catch sight of any of the animals. The rabbit tracks were especially numerous up among the scrubby spruce. Near the main ridge I put up two ptarmigan, and following them toward where they flew I saw one and shot it, but am not sure if it is one of those two or not. It did not seem in the right place and I did not see the other. It is all white except the head and neck and a few brown feathers on the shoulders.



I circled around the Lead of Elk Basin, keeping up on the ridge. Saw a good many Ptarmigan tracks but no mink birds. I went almost to Evans Basin then turned down the hill past the "Little Lertie" tunnel, then by the "Micawber" tunnels. In the house at the upper tunnel the upper bunk was nearly filled with chips, grass and other trash carried there by the rats.

Outside were a good many mink tracks and I watched a while but none of the animals showed up.

From the middle tunnel I turned off through the timber. Shot a mink at some slide rock.

I came to a fresh rabbit track, and as it stopped at almost the place where I found it I looked about and saw the rabbit not ten feet from me squatting beside the log. When it saw it was discovered it started and following I soon got a shot and killed it. It was nearly changed its winter pelage, being white below, and blackish white above. Some brown on head.

I found another place where there were many rabbit tracks but could not scan up a rabbit. Picked up another emy at another rock slide. I also flushed a grouse but could not locate it.

Got back to camp about 1.30 and went to the upper tunnel and took out two of the rat traps and set them for pocket gophers, which seem to be plenty on the hillside, judging from their workings.

After that we got dinner and I had been taking it easy.

Oct 23 Cloudy and warm in A. M. Began to snow at 7 and 5 ins. fell in  $\frac{3}{4}$  of an hour. Alternate snow and sunshine at Crested Butte, clear tonight.

It began to snow this morning while I was at the upper tunnel looking after my traps, and so hard that I began taking up my traps and met along. I got another rat in the tunnel, and one each M. mordax and M. rarus, also another Sorex, and S. E. galii.

When Pinckley came up <sup>to work</sup>, he said

Chas Shaw who was to take us down tomorrow was not in Irwin, and so of course could not take us. As the weather was so warm that my specimens would not keep frozen, and I feared the smaller ones would spoil I decided to walk and bring them down this morning, which I did, leaving at about 9.30 and getting here at noon. It snowed very hard at times while coming down.

Worked all the afternoon on specimens.

Oct 24. 21° in a. m. Clear with a few clouds. Heavy frost on ground in morning.

Worked on skins in morning and in afternoon evening made up 2 Peromyscus skins, only leaving the rabbit and ptarmigan for tomorrow, unless I take a detour to skin some Red backed mice I have. The rats were all extra large, and the largest head and shoulder above the others. This afternoon I put on the sub-fur boots and went out among the Beaver dams. There is more water

there than ever and getting  
 about. I tried to pick up by the  
 map in my article but did not  
 make much of a success of it.  
 One has to be very careful so that it  
 is impossible almost to keep track  
 of things. I went up the river until  
 nearly opposite the head of the lake  
 then crossed over to the lake and  
 went down the east side and  
 around up the west side, then re-  
 traced my steps to the outlet. Hoped  
 to see some [redacted] but though  
 there was [redacted] a  
 little early for them to be out. I  
 went on [redacted] rat  
 in the upper [redacted] pond. Shot  
 at it but did not kill. Also  
 saw another [redacted] but  
 did not get it. [redacted] was six  
 o'clock [redacted] town  
 and I was [redacted]

Oct 25 [redacted] nice clear  
 day. Heard [redacted] in  
 morning  
 Skinned [redacted] Thorne-  
 gan this morning, and then there



THE EAST & SOUTHERN RIVER VALLEYS,  
FROM BELOW CRESTED BUTTE

OCT. 27/05

THE SAGE RIVER VALLEY,

FROM BELOW CRESTED BUTTE

OCT 27/05



red-back mice & stuff had on  
Land.

This afternoon I have been busy  
packing specimens and traps  
and am about done. I received  
prints from ... today from  
the negatives ... develop-  
ment. There were three  
in that film pack of brown  
dams and they were evidently  
failures, for he sent no prints  
from them ... up in  
the morning to try the Curran dam  
again.

Oct. 2 ... in a.m. A ... day.

Somewhat cloudy to night -  
This morning I ... up to the  
brown-da ... several  
pict ... difficult to  
get ... for some  
of the ... of the  
brush and ...  
I finish ... a this af-  
terno ... stuff to  
the ... the spec-  
imens ... the bags  
was checked. Drove to ...  
with Mr & Mrs Secker in the morn

Oct 27 30

a.

in mountains

We had ...  
arriving then ... 12.30. I was  
quite surprised to find how much  
had been ... in the valley  
the last ... Much fencing,  
several ... hours, and new  
land taken ...

After din ... we all went to the  
Land Office ... made proof as to  
the required amount of improvements  
being done ... best claim of  
Mrs. Dees ...  
Then forced around town until  
train time.

Oct 28 Colorado Springs

Arriving  
this morning and a little during  
day. Not ...

Got up to ... fir  
and turned ... got up  
in time for ... tak is  
a line, as ... visiting  
at St. Gar ... is met.

My baggage ... species ... arrived  
in gold ... and ... butterfly  
packed ...  
I am done this afternoon. My last





THE EAST RIVER VALLEY

OCT. 27. 05

11

Q

10

1/4

1/2

1/2

2

1

1

1

1

1

1

1

1

1

1

1

OCT 27 1871

film pack, which I sent down Thursday  
turned out pretty well.

Oct. 29 Cloudy and saw all day.

Down to P.O. in morning -  
Have been out for a little walk  
this afternoon with Skinner. We  
walked up north on road and Cascade  
Avenue and across nearly to the Electric  
Power Plant, and then home. Not  
particularly agreeable walking

Oct 30, 27° in a. m. Cloudy & saw -  
snowing a little off and on all day.

Worked about cellar all the morning,  
moving my specimens from one room  
to another, and washed salt from  
my beaver skin. I compared the  
Wagon Wheel Gap, Divide and  
Grand Junction prairie dogs, and the  
latter differ more from the other  
two than they do from each other.  
There is considerable difference be-  
tween the Lake Moraine and Crested  
Butte Beaver skulls.

We expect Mrs. Lawrence some  
time this afternoon, just returning  
from her eastern trip.

Oct. 31. 22° in a. m. Bright and clear. A nice day.

Worked about the cellar this morning at various things. Compared various series of chipmunks. Am still unable to place the Grand Junction lot, as there is nothing like them described in Ellist's

down town this afternoon.

Have been working on the plans of my house and will take them to my architects, Douglas & Hetherington, Hornwood.

Nov. 1. 28° in a. m. Some clouds but a nice warm day.

Made a lot of prints this morning but the negatives were so dense that I overexposed and had a lot of failures.

Down town in afternoon and took my plans to Douglas & Hetherington -

Also took skins of the four varieties or species of prairie dog which I have to Coker and he was much interested and like me thinks the Grand Junction specimens very different from the others.

Nov. 2. 55° in a.m. Very windy but clear and warm -

Working in cellar, Cabling and straightening out specimens this morning  
 Sun down this afternoon  
 The Lawrence's have gone to their own house so we are alone.

Nov 3. 30° in a.m. Bright clear day.

I took the 32 this morning and started out to do a little prospecting, going out across lots toward the gulch when I used to trap Kangaroo Rats last winter. I want to set some traps there to see if I can get Citellus spilosoma major. But when I got across the road and ~~was~~ to the fence on the other side found a notice forbidding any trespassing or hunting in the pasture, so I kept out. Nothing what else to do I kept on the road until past the Enterprise Coal Mine and then cut across to Sand Creek. Fooled around there a little. Found runways of Microtus in some

mt ground, found some Horned Larks & Tree Sparrows. Also saw Kangaroo Rat and Pocket Gopher workings, and probably Pocket Mice holes.

As time was short I cut across to the Rock Island track and came home that way. Saw plenty of Gopher workings along the track. Was home at one after a pretty steady all the morning tramp, and not much to show for my trouble. Will try for the Spermophiles in a sandy place north, toward the bluffs.

I saw a butterfly, Vanessa antiope, while out and this afternoon saw a bright yellow butterfly near the house.

Nov. 4. 42° in A. M. Rather cloudy then, ~~more~~ so in afternoon, with new wind. Watered lawn and did various jobs about cellar this morning, down town a little while in afternoon.

Nov. 5. 36° in A. M. Cloudy, with a new wind.

Nothing very special today. Drove to P. O. in morning.

Writing up notes re. Hawk labels all written for my last lot of specimens.

Nov. 6 31° in a.m. Heavy frost. Clear day, a little windy at times.

This morning I went to the bluffs up north to set traps.

Near the Old Dealer Road were many holes that seemed to me to be Kangaroo Rat holes. If so there is a large colony of them. It was so close to the road I did not dare to set traps. I did set 2 *Lomura* a little farther north at a place which was a little off the road.

Set 4 gopher traps along the road. And traps at the Kangaroo Rat Colony in the sandy place in the gulch. I am especially anxious to see if *Citellus spilivora major* is found here and there seldom the most likely places.

I then went over to the bluffs to set traps for *Neotoma fallax*.

Going over some rocks I saw a rattlesnake about 10 ft below

me. He was anxious to get away but I gave him his quietus with the 32. It was about 20 ins long. It was just below a rat's nest, where I caught a rat a year ago.

I set several traps for rats around in the bluffs, also two or three where I thought I might get a rabbit, and two or three baited with small birds - and a few mouse traps.

Saw but few birds, one or two flickers and magpies -

Was down town this afternoon and saw my house plans, think ~~they~~ will look very well. Have decided to put in a small furnace.

At Aiken's saw a Cratogeomys castor-  
rops from a few miles north of Lamar. And had and next of a Prairie Chicken from same locality. We compared it with a skin and though darker it seems referable to the Texas Prairie Hen.

Nov. 7. 31° in A. M. Frost on ground.  
A fine clear day



Went up to my traps this morning and gathered quite an assortment. Thomomys clusius, one and another half eaten up in trap. Two Onychomys leucogaster, 4 P. nettionis, two caught in one trap, one P. nasutus, and one Hesperomys fallax and shot a cottontail. The two grasshopper mice were caught in traps set at some of the holes I found in colonies yesterday. I got nothing in any of the traps I set in the Kangaroo Rat colony in the sand.

Beside one trap which I had set for a rat I found a skunk's fresh droppings. I baited the trap with meat, instead of apple and may catch him. I forgot to say I also caught a chipmunk, and at a place where I caught one last December. It suggests my Grand Junction series in some respects though darker in color.

Took out a No. 3 trap today and set it for Coyote or Bobcat. Going up the Old Denver road I saw a Coyote about 200 yards ahead of me, and he declined

Let me get any nearer.

This afternoon I made up seven skins, one of each kind, & of the mice not being any good for one reason or another.

Nov 8, 38° in A.M. Windy. Turned cloudy and raw in afternoon.

Went up to my traps this ~~after~~ morning, and took quite a lot of things.

Got 2 Kangaroo Rats, 4 chipmunks, 2 Grasshopper mice, 4

*P. nasutus* and one *P. nebrascensis*.

Found two more of my traps missing and are pretty sure some animal carried them off. I am especially could hardly have been pulled loose by an animal of any kind without leaving some sign.

Had another Pocket Gopher partly eaten in trap, and caught one other.

The Grasshopper mice were caught at the holes which puzzle me.

I shot me Pinon Jay, there was a large flock, perhaps fifty.

Made up 9 skins this afternoon.

Nov. 9 34° in a.m. Rather a cool wind at first but turned out a nice day.

Went up to the traps this morning and brought them all in.

Took another Onychomys at the colony of holes, and one in the Kangaroo Rat colony in the gulch - But I still think there must be Kangaroo Rats at those places.

Took another Chipmunk, and 3 Neotoma fallax, an adult, and 2 partly grown - the latter were both taken in out-sight mouse traps. Got one P. nasutus and 4 P. rebracensis in the bluffs, and also took one of the latter in one of the holes above mentioned.

The baits about the No. 3 steel trap were all carried off, but that may have been the work of Pinn Jays. The P. rebracensis represent two ~~of~~ types or color phases, I don't know what to call them, ~~the~~ one light and one dark, the former like the specimens of P. luteus I examined last year from Fort Collins.

Found a magpie in one trap also. It was baited with meat.

Nov. 10. 24° in a.m. Heavy frost  
Clear cold day.

Made up the Jay and Magpie skins,  
and cleaned a lot of skulls this  
morning.

Drove down after lunch. Saw my  
house plans, which are about  
done, and will have bits some  
time next week.

Nov. 11. 29° in a.m. Clear warm day,  
but clouding a little in afternoon.

Watered lawn this morning, and  
cleaned a number of skulls, and that  
finishes about all that I want to send  
to Washington.

Have compared Neotoma skulls, and  
N. fallax from here, and the Round-tailed  
Grand Junction, and the Gaume's Ranch  
animals are much alike in the enamel  
patterns, and the Bushy-tailed Rat from  
Grand Junction seems to be orelectus. My  
big rat from Iowa differs from  
any of the others I compared it with  
in the enamel patterns, but that may  
be an individual variation.

Today I got from Morse my 50 cal-  
iber pistol, which I have had him

put a long barrel on, and which will probably be more effective than the thirty two, with a greater range.

Nov. 12. 36° in A. M. Clear. Rather windy in morning but quieter in afternoon, Went to Post office in morning.

Compared skulls of Microtus, also of Shrews. Think there is no doubt but that the Grand Junction Microtus is modicus and I made out the two Shrews I took at Lake Minnetonka summer, and the 4 taken at Crested Butte to be S. obscurus and the two taken at Irwin to be S. laydeni. However Merriam may think otherwise when he examines them.

Kent dined with us today, and after dinner he and I drove out to Palmer Park. He wanted to take a look at the house which was burnt last winter in which Butler killed a Sm bird, and which Kent built years ago. We went there and looked about the place and then drove around by the Nordmark ranch, and into town by the Boulevard.

Nov. 13. 34° in a. m. Clear but

Windy. Warm

Walked out to set traps East of Palmer Park, going out via Rock Island track. Took my new gun.

Set 4 traps for gophers along the track, and a few for pocket mice. A Prairie-dog town was my real objective point but when I got there found signs of prairie dogs very scarce, however I set a few traps, and also some among the rocks in the little "bluff island" as I call it. There were a few freshly dug holes but I was not sure if they were prairie dogs.

When I got home found Sarah had gone to Mrs. Lawrence's to spend the day, so lunched alone.

Down town a little while in P.M. ordered City Engineer to come up and survey my lot.

Nov 14. 36° in A.M. Fine bright warm day.

Out to my traps this morning and about as poor luck as I ever had. No prairie dogs but was not surprised at that, one

Cottontail rabbit, and 2 P. nebrascensis, and the fore foot of a Geomys leuciscus. Two others of the gopher traps were sprung.

While walking out along the R.R. track I saw a number of prairie dogs in a field, so on my way home stopped and set nine traps.

While I was out near the bluff I tried the gun on targets. It made good patterns at 15 and 20 yards, with #10 shot, then shell stuck and I could not get it out, so had to stop. After cleaning the gun this afternoon decided the trouble was caused by shooting some of the old short factory shells that I had on hand. When the gun was thoroughly cleaned the long shells went in all right.

Made up a rabbit skin and a mouse after lunch. One mouse had lost part of its tail.

Nov. 15. 35° in A. M. Clear day. Some wind.

Did not get a prairie dog this morning, and one trap was either

missing or I did not find it, and I spent quite a lot of time hunting for it. But I did get a prize in the shape of a ~~Cayenne~~ <sup>Thomomys</sup> ~~mouse~~ <sup>weasel</sup>, which I caught in a gopher trap. It is in an intermediate pelage, brown above and white below. Also caught one Thomomys clusius, which is partially albino in that it has the inner side of one hind leg white, the white extending to the middle line of the belly.

Did more target practice with the gun and it will carry up to 30 yards all right.

Made up skins and labeled specimens this afternoon. Cured Butte and Grand Junction specimens a-foot all flaked now.

Nov. 16. 35° in A. M. Clear in morning, became cloudy in afternoon.

Made prints of Beaver dams etc this morning, and did some odd jobs.

Got Bills this afternoon on my building. #1245 is burst. Suppose will have to accept it as there is probably not much chance of getting a better one.



Nov. 17. 41° in a. m. Somewhat cloudy all day.

Made up the two Skunk skins which I took in Baca Co last Spring. Have been roasting them up the last 3 days. They will come out pretty well.

Also watered the lawn, took down the window screens for the winter, and did some other odd jobs.

This afternoon was down and signed contract with Bishop and Taylor to do the work.

The City Engineer's men were here this afternoon to survey the lot, but I guess they could not find a starting point for I cannot find any stakes.

Nov. 18. 32° in a. m. Clear morning Somewhat cloudy in afternoon, Intended to go for a little walk over toward the mesa this morning but just as I was about to start out, the City Engineer's men came and I waited to see about my stakes. That took until eleven o'clock. So did not go.

Down town in afternoon

Nov. 19. 28° in a. m. Clear day. Some  
wind in afternoon  
Nothing very special today. Down  
to P. O. in morning.

About noon Skinner dropped in,  
and asked to see my specimens  
So took him down cellar and  
showed him a lot of skins.

When I came back from down  
town yesterday afternoon found  
Mrs. Knight and Mrs. Patterson her  
playing Bridge with Sarah. She had  
also asked Mrs. Elliott, who could  
not come at the last moment. As  
they were playing a 3 handed game  
I had to sit down with them,  
having Mrs. Knight for a partner.  
and we got better.

Nov 20 36° in a. m. Fine clear day.

They have begun work on the cellar  
to my study, a man and a team.  
Send word on account of work.

I examined and compared my  
whole series of Peromyscus reithelmski  
this morning. There was some varia-

time in color, but it does not appear to be either seasonal or local.  
Drown down this afternoon.

Nov. 21. 28° in a.m. Somewhat cloudy off and on all day.

Took the shotgun this morning and started on an all day trip. Went down on the 8.30 car and stopped at Forbes and had some rails taken from my shot which the shoemaker had very carelessly left in the heel when repairing it.

Then went on down on a car to Broadmor and started off up the Cheyenne Mountain trap road. Saw two or three wood blue jays near the old Dixon house, and some juncos. ~~A~~ Long crested jays here and there as well as magpies. I walked perhaps a mile up the road and then turned off up the ridge of the mountain, and as luck would have it found I had started on the trail. I followed this, although after it gets well on top it is pretty slim. There were a few scattering pines, of two species at first with few spruces. Higher up the

Y  
6  
3  
0  
Y  
6  
0

spruce were in the majority. As one  
 gets well up on the ridge it becomes  
 very rocky, and cliffs on either side,  
 especially the east side. Animal life  
 was decidedly scarce, I saw one  
 chipmunk which I shot, rather a  
 gray specimen. And while sitting  
 on a rock waiting, some Pine Siskin  
 came, I shot at a male, but he did  
 not fall. The range was a little long  
 for the light charge I used. Was  
 much disappointed as I specially wanted  
 it.

I ate lunch well along the ridge,  
 sitting on the west side in a place  
 sheltered from the wind which was  
 a little sharp. After finishing walked  
 toward the other side which was very  
 steep, and looking down saw the  
 white rump of some animal more  
 along below. Tried to get another shot  
 but could not. Think it must  
 have been an Arctomys of which  
 there are some specimens here.  
 Decided not to go any farther as  
 I could not see much chance of  
 getting down on the west side, but  
 went back a short distance and then

Started down the west slope. It was steep and rocky, considerable timber, pine and spruce and more or less brush. Lower down there was some aspen. Once I saw what I took to be Pine Goshawks flying high overhead. Saw some signs of Pine Squirrels. I worked my way down, crossed a gulch with a little water running in it, and ascended the ridge on the other side, which I followed down to the wagon road. Hence back to the Broadmoor Station picking up another chipmunk and a junco by the way.

One gets a really fine view both of the plains and the mountains from the top of the ridge, I do not know if I reached the highest point or not. Cheyenne is such a long straggling mountain that it is <sup>almost</sup> impossible to tell just where is the highest point.

Nov. 22. 42° in A.M. Cloudy and raw all day, and rained some.

Skinned the chipmunks this morning. Also picked out skins to send to Washington for identification.

No work has been done on my building since Monday. Went to see the contractors about it and they did not know of it. Said they would stir up the man who is doing the excavating.

Nov. 23. 36° in a. m. Clear. Very windy in afternoon.

Went down to Mr. Richards' last evening to play bridge with Mrs. Fuller, Mrs. Bryant making the fourth. Had a very pleasant time.

Packed the specimens bound to Washington this morning and shipped them this afternoon.

Men at work excavating again this afternoon.

Nov 24. 30° in a. m. Clear. Windy latter part of afternoon.

Out in the morning picking out a lot of skins to take to a meeting of the Pike's Peak Mountain Climbing Club to night, at Skinner's. Both birds and mammals. Am not going to make a talk, merely display the skins.

The cellar of my house is dug

and now for the stone and foundation  
layings

November 25. 42° in A. M. Clear, but  
windy, especially in afternoon. Third  
day of wind.

The people last night were much  
interested in my specimens, though  
there was not a large meeting.

This morning I went west toward  
the mesa. Stopped at Schutze's  
house, but his little boy said he  
was in bed sick, so did not see  
him. Then went northward along  
the foot of the hills and descended  
into the gulch above Brewer's and  
up it as far as the old ranch.  
Shot a tree sparrow and a downy  
woodpecker.

There were as usual Microtus run-  
ways about the springy places. An  
old tile I turned over had a  
nest made of wool under it, and  
from a hole in the top a lot of  
birds ran out. They seemed to  
be two kinds of grass seed, and  
a triangular black seed. I  
am inclined to think the nest

Was either Peromyscus or a House Mouse, as it was in a dry place, and the Microtus seem usually to use grass for their nests.

I caught one Microtus in a nest under an old piece of iron, I went to the prairie dog town. Could not see much sign of the animals.

Came home in good season, and put away my specimens before lunch, Spencer brought them over just before I started.

Nov. 26. 44° in A. M. Clear morning, overcast this afternoon, a little wind. Nothing very special today. Drove to Post office in morning, and for nothing.

Reading and writing during day.

Nov 27. 44° in A. M. A little shower early. Somewhat cloudy during morning and early afternoon. Windy. Clear tonight. Skinned the specimens I took Saturday. The Microtus is the second largest I have of that species. Also made up the skin of that rat



from Pueblo, but the hair peeled so badly it will look pretty rough.

At Dentist's this afternoon (Dr. Hayden) and he pulled a tooth for me, second lower molar on left hand side. The wisdom tooth pressed against it so that there was always trouble and he thought it best to take it out. The roots were crowded together so that they were practically one.

Nov. 28. 30° in A.M. Just the last bit of snow fell last night. A cold wind has been blowing most of day. Clear

I took the shot gun this morning and went to Colorado City, and then walked over to Bear Creek. There was perhaps a quarter inch of snow there. At the mouth of Hunter's Creek I saw a rabbit track crossing the road and followed it a little way, but it went into such thick brush that I quit it.

I went up the Crystal Park trail. I saw a flock of chickadees and other birds, and killed a Pinyon Nuthatch and a Mountain Chickadee. It is a good long walk to Crystal Park by that trail but there are fine views all the way, especially

Looking out across the plains -

The wind got pretty cold before I got up into the Park. I hoped that when I got there that it would be sheltered and the wind would not be felt so much, but I got fooled, for the wind was bitter. I huddled up under the eaves of an old building there, and ate my lunch. Then walked about a little, but my fingers got so cold and numb that I could hardly hold the gun, so decided to leave, taking the trail toward Manitou. Of course I took the longest way. However I connected with the \$2.20 car at Manitou and got home in good season.

The stone masons have been working at my foundations and are getting along well.

Nov. 29. 15° in A.M. Clear but cold day.

Skinned the two birds I shot yesterday - did some other odd jobs, labeled specimens &c.

Mason's worked this morning on the foundations. Too cold this afternoon I guess.

At Dr. Hayden's this afternoon again.

Nov 30.  $14^{\circ}$  in a.m. Clear bright day -  
Not very cold.

Thanksgiving. Fooled around the  
cellar this morning packing specimens  
to send to Washington. Took a short  
walk about noon.

Mr. & Mrs. Peabody and Mrs. Stearns  
dined with us at 8 o'clock. They  
have just returned after a two years  
absence.

We had a good dinner and a  
pleasant time.

Mrs. and Miss Lawrence came in a  
little after six and spent the evening.  
We had just soups and odds and  
ends for supper.

Dec. 1.  $21^{\circ}$  in a.m. Clear at first  
but became somewhat cloudy with rather  
a raw wind.

Cleaned some skulls this morning.  
Downtown at Dr. Hayden's a while  
this afternoon. Got done with him

Dec. 2.  $16^{\circ}$  in a.m. Clear, then cloudy and  
raw. Clear again now.

Started to do some watering this morning  
but the man who had to use the hydrant

as the other was frozen so had to quit.  
Did some tinkering, and swept out  
cellar.

Foundations built now, and there is  
a load of lumber on the ground.

Dec. 3. 12° in a. m. Clear day, some-  
what warmer than of late.

Drove to P. O. in morning. Received  
notice of my election to membership  
in the Biological Society of Washington.  
Have been to walk with Skinner this  
afternoon. Walked out over to the mesa,  
and around near the reservoir, home  
by Russell.

Dug an old well at the deserted ranch  
has a dead Grasshopper mouse, and  
we could see 3 or 4 fish swimming  
about which looked like cat fish.

Dec. 4. 14° in a. m. Clear with some  
light clouds. Quite a nice warm day.  
Tied up the tree trunks for the  
winter and watered the grass.  
Carpenters at work this morning  
Put some salted skins to soak in  
lime so that I can make them up.

Dec. 5. 16° in a. m. Clear nice day.  
 Made up the skin of the badger that  
 I got last spring. It had softened  
 up enough last night so that it  
 worked all right. A couple of  
 woodchucks will be ready to mount,  
 and three badgerhides are also waiting.  
 Also made up a batch of fat. The  
 Lower frame of Loue is up.

Am thinking of making a collecting trip  
 to the Eastern part of the state next  
 week, and am considering Cheyenne  
 Wells as an objective point.

This afternoon's mail brought each  
 of us a letter from Nicholas Sheldon,  
 saying the Estate had been settled,  
 & rather the contest had, and enclosing  
 check for \$4094.25, which closes  
 Aunt Anna's Estate. Of course we  
 are very glad. He did not say  
 what the terms of settlement were,  
 but we will know that in a few  
 days.

He also wrote that he had just  
 received a telegram from Alice  
 Pell saying that Martin Bates  
 had died suddenly Friday evening.

Dec. 6. 23° in a.m. Beautiful warm day.

Made up the two woodchuck skins this morning. The badgers will very likely have to wait a couple of days longer.

The doors and windows are cut in the house, sides boarded up, and roof rafters going on, so it looks like something.

Dec. 7. 18° in a.m. another fine day.

Made up the three badger skins this morning and that ends that job. I put in a good deal of time matching my house ground. Another week will see it very well advanced. Mackay was on this morning to see about the grading.

Dec. 8. 33° in a.m. Rather cloudy, raw day.

Odd jobs this morning. Have given up the Eastern Colorado trip for the present for various reasons.

Dec. 9. 22° in a.m. Clear, but a sharp wind much of the time. Nothing very special today.

Sarah and I went down to town in afternoon and bought a few Christmas presents.

Dec. 10. 12° in a.m. a fine bright day - Nothing especial today. Went to post office in morning -

I am going up to Lake Moraine tomorrow for about three days -

Dec. 11. 21° in a.m. at Colorado Springs Clear day.

I got away from the house in good season, and caught the 8:40 Car for Manitou, and there was pleased to find a local car running up as far as the Crg depot, which saved me quite a little walk.

I walked up the Crg Road as far as the waterworks intake and then struck the trail. Managed to get a wrong trail so did not get up to Lake Moraine until 12.30. Found they were looking for me as Skinner had telephoned up for me to call him up at one, which I did. It was about some business. DeLong was there and a young man named

Stafford who stays at the west end of the Strickler Tunnel.

Had dinner soon after I got there. Sehung said there were Leucostictes about the stable, a new one they have built this fall. Did not see any the first time I went there, and so went up along the lake and set 3 traps in the timber, one baited with a bird on the chance that a mouse might come along, and the other two baited with apple. One of the latter was set in a well beaten rabbit track.

I then walked up the trail in the timber a little way, nearly to the power house, and then turned back. Saw nothing. Then on a good many rabbit tracks and Sehung said there were more rabbits than usual.

I went back and going down to the stable shot a Leucostictes on the roof, and scared a rabbit from under a lumber pile, but was not expecting him, and having the gun open I put in a new shell and did not get a shot. Afterward shot about a dozen more of the Leucostictes.



245

Some were gray crows, others apparently immature birds, and one or two I think abata. But have not examined them carefully yet.

It got late and I went into the house.

DeLong says mauls are scarce this winter, that he has not seen one. Also that there is a ~~large~~ animal of the kind which hangs out in the timber by the road above the powerhouse, and makes a much bigger track than the maul.

Dec. 12. 10° in a. m. at Lake Moraine.  
Clear fine day.

We telephoned over to Fern Lakes after breakfast, and John Shillinger, who is there now, said the Leucostictes had been about there. So decided to go over. Did not see any about the stable, though I saw a flock flying over.

Went to my traps on my way up the trail. Got a red backed mouse in one trap, and a rabbit in the other. Then kept on for the Fern Lakes. Went around the road above

the power house. Saw a good many fresh rabbit and squirrel tracks. And there were many mouse tracks. At one place one mouse had crossed the road about 15 times, or else that many mice had crossed once!

I also saw the track of the large weasel, it is big enough for a marten's track.

On the Dead Lake Divide was what seemed to be a Cat track of some kind. At one place it made a jump of about 7 feet to clear a log with a little brush. The track was a little old and I could not be sure about it, but most likely it was a big bob cat.

About the Old Clough camp just the other side the divide were alot of fresh rabbit tracks but I saw no rabbit.

Got to Deer Lakes about 10.30. Found Shillinger there. He ~~was~~ was at the Stricker Tunnel last winter when I was there. I stopped there until 2.30, had dinner. Did not see a Leucosticte, many Magpies and Long-Crested Jays, and also

2 camp birds. Decided it was not best to stay all night.

The city has built two or three good houses for the men, and torn down about all the old Clough buildings which he had for his grading outfit.

On my way back shot a rabbit at the other camp on the divide. Went to the stable as soon as I got back to Lake Moraine and got one Leucosticta which seems to be abata.

Dec. 13 '13 at Lake Moraine. Bright fine day.

Have not seen a Leucosticta today and took nothing in the traps.

Walked up the trail in the timber, and also up on the hill north west of the house. Spent a good deal of time about the stable but not a bird was seen. This in the morning. Right after dinner went out on the lake with DeLong and he pulled a couple of fish traps. Nothing but a few small suckers in each.

Ben started for home. Did not see  
a thing on the way down. Got home  
a little after five.

Found a lot of men at work on  
my house, carpenters, lathers, masons,  
plumbers and an electrician, and  
Mackey was grading up the lawn.

Dec. 14. 30° in a. m. Clear fine day.  
Worked on specimens all day,  
the morning.

Was down town in afternoon  
and had quite a lot of errands  
to do.

Dec. 15. 18° in a. m. Fine warm day.  
Skinned the rest of my birds today.

Am puzzled when to place some  
of them, as I cannot tell if they are  
typhlocetes or trata.

First coat of plaster put on the house  
today, and, roof and walls outside  
painted.

Dec. 16. 31° in a. m. A somewhat cloudy  
during day.

Cut up a lot of pieces to make trays  
for the drawers in the new house, and

did some other odd jobs -

Was down to un this afternoon. Had to go to Dr Hayden's on account of trouble with the ~~Corn~~ <sup>Erasmus</sup> ~~Deput~~ <sup>Deput</sup> in last July.

Went to a bargain sale at White's and bought a suit of clothes. White's was sold out to a Sheny outfit from Hucofans St.

Dec. 17. 25° in a. m. Nice fine day.

Down to P. O. in morning.

About house rest of day.

Still keeping fire going in new house.

Dec. 18. 15° in a. m. Clear cold day.

Saturday I received a lot of Deer mice by express from Mr Hallwell. This morning I looked them over and skinned two, all that was worth saving, and they feuded some on the belly.

Did some other work around the cellar. This afternoon I had to be at Dr Hayden's again, and must go again tomorrow and that will end it.

Dec. 19. 22° in a. m. Clear day, but a little cloudy toward evening.

Compared a ~~lot~~ my series of Chipmunk skins from various localities. Those from higher altitudes seem to be rather the darker.

Also put together frames for trays for drawers, did not put the bottoms in tho' the material is here.

Down town this afternoon and got done with that work, I hope.

Dec. 20 30° in A. M. Rather cloudy and snow at times during the day.

Mowed the lawn this morning, and finished up my trays.

Down town in afternoon.

Plastered Len today and put on the final coat of plaster.

Dec. 21 15° in A. M. A little cloudy. Rather cold and raw.

Various odd jobs this morning. Had a box of books from Philadelphia, Bendin's "Life Histories", a set of Pacific R. R. Reports, and some papers.

Dec. 22 18° in A. M. Cold all day but clear.

Went over to see Schultze this morning thinking he might be able to get some specimens for me when out hunting, but he has a lame leg and does not go out now.

Loaded some shells with light charges.

No new work to be done on house until after Christmas on account of plaster not being dry yet.

Dec 23. 10° in a.m. Clear cold day.

Nothing very much to day. Some odd jobs in morning.

Am working on my Mammal list, and have finished copying the Bibliography.

Dec. 24. 20° in a.m. Cloudy at first but cleared off nicely.

Down to P.O. in morning. Got several Christmas packages.

Mrs. & Mrs. Peare dined with us today. We had a small turkey, only 13 lbs. just big enough for four!

Mrs. Bryant got it for us. She sent someone she knew for four, and the largest one wanted was 10 lbs and every one of the four sent...

50  
Weighed 13 lbs.

Dec 25. 15° in A. M. Clear warm day.

We have had a quiet day so far, and are going to dine with the Skinner's this evening.

We have quite a lot of presents - Sarah gave me a large black blotter and a waste basket for the new house. I gave her a file case for cooking receipts &c.

Ellie sent her a handsome set of chocolate cups & saucers.

Dec 26. 20° in A. M. Rather cloudy and warm today.

Some odd jobs this morning. The carpenter at work on house today.

Had a pleasant time at the Skinner's last evening.

Dec 27. 18° in A. M. Clear cold day.

Dr. Schneider called late yesterday afternoon, and I find that if I am to get my Mammal list published in the College publication I must have it ready soon, so am making Dec. 28. I thought I have a lot of  
but c.



unidentified specimens at Washington.  
But hope to hear from them in time.

Dec. 28. 32° in a. m. Cloudy and raw  
most of day, but clear & bright.

Have put in a good deal of time on  
my mammal list and am getting  
along pretty well.

Have getting along nicely.

Dec. 29. 11° in a. m. Clear in morning.  
Became cloudy.

Had some Coyote skins & skulls  
come from County, Monroe Co. this  
morning. They are a good lot. Three  
are skinned scientifically, others  
cased skins. Will make up the  
three tomorrow.

Should aiken my Leucortetes this  
afternoon. Have 3 Gray-crowns, one  
black and the rest brown capped.

Dec. 30 6° in a. m. Cold clear day.

Made up three Coyote skins this  
morning - down to Public Library  
in afternoon.

Dec. 31. 16° in a. m. Tuesday, winter

I went to the annual dinner of the Polytechnic Society at the Antlers last night. It was our first. After dinner Mr. Ben J. Arnold spoke on the Electric System on the New York Central R.R. He is a very poor speaker and had to hear, though I was using Mrs. Dismond's auraphone, a sort of portable telephone. It seemed a help, and no doubt with a better speaker would be a great one.

We dined with the Spackmans today. The Kents were also there. They had some clever verses written by Mr. Spackman at the table. Here  
was

Says the Naturalist, come, come here  
You picket pine squirrel don't fear  
Just jump in my trap  
And I'll take off your trap  
And fill you with Colton's Warm Beer.  
Tomorrow night the Peasie give a  
dinner to the Yellowstone Catfish  
at the Antlers -

1905 JUNE 1905

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
:	:	:	:	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	:
:	:	:	:	:	:	:

1905 JULY 1905

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
:	:	:	:	:	:	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	:	:	:	:	:

1905 AUGUST 1905

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
:	:	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	:	:

1905 SEPTEMBER 1905

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
1	:	:	:	:	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

1905 OCTOBER 1905

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	:	:	:	:

1905 NOVEMBER 1905

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
:	:	:	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	:	:

1905 DECEMBER 1905

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
:	:	:	:	:	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	:	:	:	:	:	:

