

Trip to Wyoming

1898 and 1899.

First book

doc. 8r

and Blair the Alaskan Sea
Paper ✓

The Hamburg party at
Hortonville, Mo.
collects fossils.

Arkadelphia, Arkansas. L. C. Post
Sampson for a few fossils
see.

Frank A. Sampson
Ladonia, Mo.

Charles L. Walker Springs
About six miles. See for map.

I went a few miles above Heath's Ferry.
On land owned by Rolla Crowley &
Binson. It is the same place where the
day. Now belongs to J. D. Clarke of Warsaw.
Clarke's Spring also a favorite

111 116 117

4.11.11 by Mr. 24 fossils

May 10 - 1898

Left Washington for Omaha
on the 11.05 A.M. B. & O. train. The
day on a splendid one arriving
in Pittsburgh a little after noon.

doc. 81

May 11 - 1898

Arrived in Chicago at 10 A.M. After
securing our sleeper tickets started out
on the Field Columbian Museum.
After spending three hours in the
Museum was impressed with the great
amount of material on exhibition. The
exhibits are however mainly those
together, particularly the transportation.

The mounting of animals by Mr.
Atkey is very fine and I hope he
will continue to do this work and not
do as Mr. Hornaday.

I cannot say that I learned
anything in the methods of mounting

May 19 Thursday

Had nothing to do in the Gov. building so went with Benedict to Bellevue to collect fossils. The Upper Carboniferous shows very little here than eight feet thick. Hardly no fossils were obtained.

May 19 Friday

Had nothing to do. Since it rained all day could not go looking for fossils. Tomorrow we would leave for the La Platte, about 14 miles south of Omaha.

May 20 Saturday.

The Museum car arrived near noon. Collected the *Spirifer* and *Isach.* fossils.

May 21 Sunday

Wrote letters in the morning and
spent the afternoon in the library and
about town.

May 22 - 27 - 1898

Worked all week in the
Smithsonian Exhibit. During the last
three days helped out the Geological
section.

May 23 - 28 Sunday

Worked over to the Exposition
in the evening.

May 30 1898 Sunday

Worked all week at the
Assistant others notes in the west

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May 24 1898 Sunday
Worked all week at the
Assistant above mentioned, the work

London, E.C. 4, July 11th 1898
The
of

1898
about

It is also in the
all, and a
was taken
detailed
Police
at.

1898

But just
we should
information
it done

Ledalia

Went to L. G. Cudding's place near
Ladys. Cut them on during the after-
noon. Left at 9.30 on the Missouri
Pacific for Kansas City

June 3-1898

Arrived in Kansas City at 6.20 a.m.
Left for Ledalia at 9.45 a.m. arriving
there at 12.43 p.m.

Spent the afternoon with Mr
Blair and Sampson.

June 4

Took the 5.45 a.m. train for
Sweet Springs. After breakfast drove
with Mr. ^{Jos. H.} Westhurst to Mr. Eustace
Scholle's farm to see the bay
of the *Imetodon*.

The country here is slightly rolling

The Mastodon lies about seven feet beneath the surface in the midst of a blue-lead spring gushing off about one quart of water per minute.

The depth is probably enough to permit of trench being dug to take away this water but a cheaper method will be keep a hand pump at work.

Mr. Scholle will allow the National Museum to dig on condition that the spring is replaced and the hole filled up. He will also like a little bonus which Mr. Asphurst thinks need not be more than \$25.00

Lunch can be enjoyed here at pm \$1.00 to 1.50 per day. If necessary I can board at Mr. Scholle. However it may be best to drive in and out to Great Spring since

the distance is not over 2 1/2 miles.

Near Mr. Schell's spring, there are other springs more salty than here and around which there is much wet ground. It will pay to dig around these places also since in all probability there are other animals mixed here.

I would recommend that exploration be undertaken. One month's work with 2 men will cost including all expenses about \$200. Another month can be added if necessary at the rate of from 30 to 50 per month.

See if Merrill wants an iron stone concretum about 20 inches in diameter circular, primary with a circular central hole in it about four inches in diameter.

Returned to Sweet Springs at 3 P.M. Rained this afternoon and evening.

June 5 - 1898

With Mr. R. A. Blair started
for a place three miles north-east
of Clifton or sixteen miles N.-E. of
Ledaia to collect Chertian fossils.
At this place is a large quarry
exposing the entire Chertian and
a little of the Burlington and all
of the Devonian. A little N.-E. of
the quarry in the gravel road cut
is exposed the top of the (? Trenton)
all of the Devonian and some of
the Chertian. Here we collected a
few fossils chiefly crinoids. These
are from the base of the Chertian
from the lower 5 to 7 feet. The
other fossils are from Swanton
quarry and are from layers from
about 10 to 40 feet above the
Devonian. The majority however
are from about 20 feet above the

base. The Devonian and Ordovician here have no fossils. There is no decided unconformity between the Ord. Dev. and Cherted, though it is best marked between the two latter formations.

Burlington 5 feet.

? Cherted ? Coral horizon
green shale about one foot thick

Heavy bedded magnesian limestone with chert bands. About 100 feet.

Bygonia and Anagnostites and other down to first crinoid bed.

Planorbis horizon and Gatholites corals.

First crinoid horizon =

green shale less than one foot thick.

Heavy bedded, creamy, magnesian limestone with small bird-eye like crystalline stringers. No fossils
Devonian About 15 to 20 feet.

In one place the
unconformity
is marked.

green shale 6 to 8 inches

Magnesian limestone with much chert and some oolite. Small fractured beds ? Trenton, 10 to 15 feet
see

In a cut between the quarries and
Clinton there is a sandstone bed
about 50 feet long ^{or there is up} ~~thence~~ ^{down} between
the Ordovician (Clinton) beds.

June 2 - 1898

Left for Clinton on the 9:10 A.M.
train arriving there at 11 A.M. Did
not at first see Dr. J. H. Britts,

Dr. Britts has a plant type
collection. He has
has 50 empty boxes of plants.

R. Krete, 406 E. 12th Street
Kansas City Mo has crinoids for
sale.

Fear on account of high
edges of the Osage that driving from
here to the locality in Benton Co
will be impossible. Advise my

going to the locality from Sedalia
on the Hanns-gauge R.R to
Hanson and then driving to the
place.

Send please some Marshall
town crinoids.

See of *Rhynchonella obscurella*
is the same as *R. cooperensis*. Have a
specimen of the former. Identification
by Rowadhead.

Spizgia asperus = *S. spec-*
lians. Swallow holds a note the former.

Bretts and Sampson list have
Lower Permian fossils on Lebanon
and Fort Worth, Texas.

Stood with Dr. Sitts over-night.

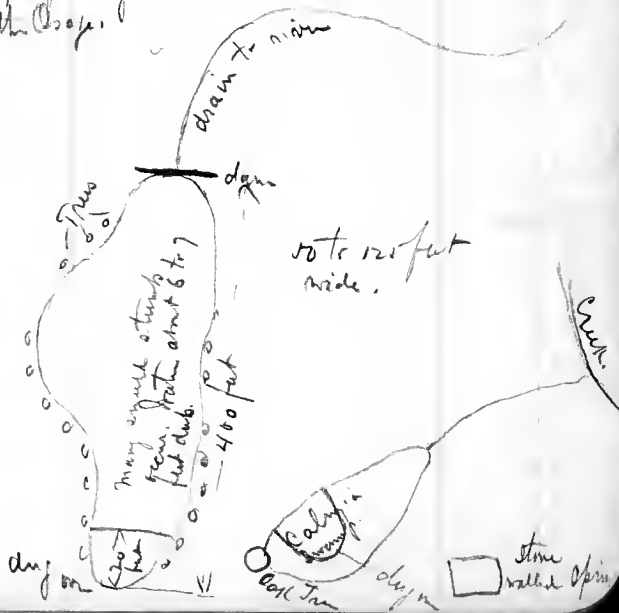
June - - 1897 Tuesday
Left Warsaw 6:20 A.M. After
break at Warsaw left in Warsaw
on the morning train at 8 A.M.

Had a letter of introduction to
Judge James H. [unclear] of Warsaw.
Arriving in Warsaw learned
that Judge Lay was away attending
court. Saw several gentlemen all of
whom knew of the place where Krook
and others had found bones. Then
called on Judge Lay's son and with
him drove to the place. The Cractonian
locality is situated on land formerly
owned by the ^{Charles} Dick left heirs but now
belongs to Mr. J. B. Clarke. It is
situated near the Coage river on
bottom land about 2 1/2 miles south-
west of Warsaw. The largest swamp
is now a ^{first} pond being drained up
It could however be cut and

drained so that one could dig in it.
 They can be done for \$10⁰⁰ Judge
 Lay's son says he will secure a
 permit for me to dig and that it
 shall cost me nothing. The lay of
 the Mastodon beds is as follows.

Osage River

J. B. Clark's farm
 swamps probably less than 20 feet above low water
 in the Osage.



Any further information and directions for draining the water away should be addressed to Henry P. Lagrassaw, Benton Co., Missouri. He will attend to our wishes per of charge.

June 8 - 1898

Left Warsaw at 12.45 P.M.
for Ledalia arriving at 6 P.M.

June 9 - 1898 Thursday.

Mr. R. A. Blair in his buggy took me to pony-horn bridge to collect Choteau fossils. This locality is on a hill side about eight miles north-east of Ledalia on the banks of Muddy Creek. In the small den at the base of this hill are exposed a little of Ordovician

rocks, all the Devonian and about
the same thickness of Choteau, as near
Clifton. The Choteau has here a
thickness of 120 feet.

Fossils here
are scarce until, within about 40
feet of the top where mollusca and
brachiopods are fairly abundant. This
horizon maybe called the Entolites
beds due to the abundance of this
shell. It however appears probable that
this shell occurs throughout most
of the Choteau.

The coral horizon of the Choteau
is at the top though species are found
throughout particularly cup corals. A
small celled *Syringopora* is also found
at the base of the Choteau.

June 10-1898

Spent the morning picking specimens from Mr. Blain's boxes. Picked out quite a collection. This material - from many localities in the vicinity of Sedalia and should be labeled Pettis County near Sedalia Mo.

The chert fossils are from the very top of the Chertans immediately underneath the Rendelston.

In the afternoon collected a few fossils in a quarry about six miles east of Sedalia. The lower 10 to 15 feet are exposed.

June 11-1898 Saturday.

Raining. Packed fossils during the morning. Shipped on the M. K. and T. R.R. by freight.

Left Sedalia at 12.48 P.M. arriving in St. Louis shortly after 6 P.M.

June 12-98 Sunday

Strolled around St. Louis and luckily met Mr. Dwyer in the B. & O. P. M. R.R. office. Since my return ticket to Washington is now adjusted will be able to go to night instead of tomorrow.

Saw the back side of Shaw's garden. It is a fine botanical garden.

My coming trip of 1899

See another book that
is the first part of trip.

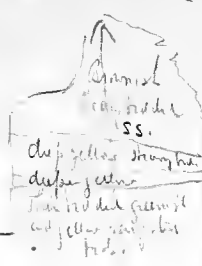
Aug. 29-99 Tuesday. Green River.

Lodman S. D. Loc.

Castle Rock

N. & N.E. of Green River City.

Mostly all in shale but
towards the top sandy
shales predominate.



Fishes rare to ab.

Light bluish
of green blue color. Small carboniferous
occasionally down into the deep shale
and an occasional hard bed.

R.P.
above base of 42 feet
800 feet -

Green River

There is much local tilting in the strata here
inclines as much as 20°. The top most strata

Toll Gate Rock
 N.E. side of
 River
 Same rocks as at
 Castle Rock.

Part 400 feet high. 100

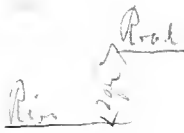
Very irregular bedded
 and a thin layer
 100
 Heavy bedded
 coarse sandstone
 Brown in color

Thin bedded gray to light
 shales passing from brown
 to a yellowish and the
 into a ^{bluish} green series

Thin bedded bluish
 shales

10

Soft green shales
 weathering down to a thin layer



Coming along the road toward the valley one
near Toll Gate, the bridge and Castle Rock most
of the time in clear view. The distance from the
bridge to Toll Gate Rock is not more than two
miles.

Spent the morning with Mr. S. E. Barber.
Worked over his negatives. Of the Ever River
not ^{picture} ~~one~~ ~~was~~ ~~seen~~ ~~at~~ ~~all~~!

Dec. 30-99 Wednesday.

Took the 8 A.M. train for Forest when
I arrived at 11. Mr. Bentzen, the forest
sup. at Ever River gave me a pass to
travel one way, which saved me \$2.00

At Forest I learn that Eastman
purchased the large and large the bird for
possibly - 400.00 for the Haddenham's.

Spent the afternoon out riding at Iron
Creek Hill. Saw many poor small fishes,
but nothing of value except one estupearis.

The flow of money into the Haddenham
Coper has taken them away from Fossil. When
it is all gone they will again return.

Aug 31 Thursday.

In the region about Ochal the strata are horizontal
in low hills. They are made up of soft greenish
shale with an occasional band of harder material
probably ss. Farther west and the strata seem
to be variously tilted and much ss prevails. Towards
Hampstead Red ss dips at 25° appear and at
Hammersley coal is mined, we dip these seem
evidence to be in fact less underneath the
Fossil hills. Towards Basing the Ochal beds
continue only in low hills with an occasional
red tinge. The same greenish or light bluish beds
continue to be seen here where in the "Toll Gate" they
underlie the top dead brown stannous ss.

This morning before having time to take a hasty
survey of the high hills to the north of Fossil. There are
the Haddenham quarries.

High here N. of road.

Had lunch with 2 Johns quarries.

Extended
75 feet high
above road level
at station.

100

Yellowish shales
with iron shales

Passing into an
ark. reg.

High zone about 4 feet.
Greenish shales.

125



50

Buff shales passing into green
with red streaks

Red and yellow sandy clay shales

200

Iron road

Long slope to RR track about 20 feet.

Purchased of the Hotel lady one fish for 70¢.
The saloon keeper gave me a small one. Hobbs.
Of Gray for 5.75 I secured 5 fishes and I found one
on his dump. Of George Haddenham I purchased
the large gar fish in five pieces for \$3⁰⁰. In some
respects it is better than the one Eastman secured.
It is said he paid 500. for it. He also secured
a small excellent bird. It is probable that he
purchased both for less than \$4.00.

I offered to take all the insects and
plants of Gray for 5 to 10¢ a piece.

James Haddenham & C. H. Smare are
the most extensive fish diggers here.

Gray tells me that Eastman's large
shrimps are broken into several pieces and
that in taking it out they cut through the head
losing several weeks in the mesh. They then stuck
the parts together or a knot to show the hiatus.

The Haddenhams have a bad local reputation.

The gar Mr. Post has at Remmen
by the postmaster, is a small one, near 14
inches. The head lays so as to appear to show

the underside of the Lead. It may be that
he will dispose of it. His former partner says
that he guesses he paid over \$30⁰⁰
for it. Gray says if he parts with it he
probably will give it away rather than sell
it.

Sept 1-99 Friday. Green River

Took a short trip to the west east on
3 miles this morning. In a R.R. cut about 7 miles
east of the depot there can be seen a distinct
unconformity. It is on the eastern end of the cut
and the unconformity is near 20°. The position of

broken strata.

off yellowish
chale

the unconformity is therefore near the base of the hills
about here.

The hills here are structurally the same as
those back of the village and up the Green River. Only
the pebbles are not so numerous but the

horizontality of the Hurst beds with its thinning bands
seen in more clearly wooded.

Write letters to Rosie, Lucas & William.

The railroad comes into Green River from the
east along the bottom of a small creek called Merrydy
Creek. At about 1 mile from the station Green River is
seen. The railroad crosses the creek many times
before coming into Green River. The country on all sides
is a typical bad lands excepting the bottom land of
the Creek and the River.

Left Green River at 2 P.M.

At Rock Spring coal is mined. Considerable
iron here. A little farther the Green River hills make
their appearance.

Just a little east of the station the strata
dip considerable to the (N.W.). These beds include the
Lower Permian. The dip may be about 10°

East of Rock Spring Bad Lands are some
more extensive - near Tipton. About all that one
sees is grass wood, sage and lych colored soft
sandy & sandy rocks.

Some good Tertiary erosion at 780

made road on south side of track, from
more good (1910) at 77. Also south side

In the region of the Red Desert the country
is quite flat and the soil somewhat rich.

The country is mostly level up to 1000
and looks much like the Laraine plain.

Instead of taking my fossil picks to this
place I turned them over to the brakeman on
train no 2 to be delivered at the N.P. R.R. station
at Laraine. I paid him 50¢ to do this.

Let 2-2-1910

Started at the N.P. Hotel at 10:30. Left
at 11:00. Arrived at 1:00. Arrived at 1:00
The train for the east with Knight and I
instead of going at 12:30 came at 3:45 P.M.

The train was still later and we did not
get home until 5 P.M. Stopped for
the night at a mile morning.

Sep 3-99 Sunday.

Left the 4 mile crossing at 7:30 and arrived at Knights cation at 1 P.M.

In the afternoon prospect for bones and eggs. Found a great number of eggs and some good sized payments. The horizon is near the center of the great water basin and associated with the ^{conifer} woods.

Sep. 4-99 Monday.

Worked in the morning in Knights quarry digging out a humerus and scapula.

In the afternoon collected ^{in the} warm ^{mine}. Found some broken Comenites

Sep 5-99 Tuesday

Looked at Knights and Rijps quarry, respectively and then began to dig for bones near Knights quarry.

Sept 6-90 Wednesday

Spent the morning doing in quarry
near [unclear] quarry. In the afternoon collected
in the marine fauna. Secured quite a lot of
sponges and other sponges from [unclear]
lenses. Knight and [unclear] left this morning.

Sept 7-90 Thursday

Spent the morning doing in same place
as yesterday. Also did the [unclear] [unclear] on
same hill.

In the afternoon prospect in a small
quarry abandoned by [unclear] near [unclear]
Gold locality. Found a good vertebra
and a very large but imperfect scapula.

Sep 8-99 Friday.

With Gilmore, inspected the various places in which I have been digging. Concluded it would not pay to dig more this season because I have no material to take of the ores with. Several of the prospect holes will pay to dig more since the chances for them is good and particularly in the Ingleston quarry. We then had lunch on the exposed rocks in the two quarries and covered them with cloth. In these places some prospectors are claiming the places for the Ingleston.

Spent the afternoon prospecting. Found a very good large specimen and began to take it out. It is nearly five feet long. In the evening Rygo and Tenabe called.

Sep. 9-99 Saturday
With Billmore dug up the large
femur. Later in the afternoon prospected
for more but found no lead.

Sep 10-99 Sunday
Collected one day in the marine area
a short distance to the N.E. in vicinity
of some water. Found three large
bones etc.

Billmore in the evening had a small
crisis on a road in the area. Tomorrow it
will be a big water up.

Sep 11-99 Monday
Took up the femur this morning. Then
made the following sections.
Collected more marine Jurassic

fossils and packed 3 boxes.

Hillmore without assistance took up
in the past 10 weeks 189 tons in one quarry and
12 in another. The entire collection was worth
about 6000. The cost is near 200.

The various parties (five) between here and
Columbus will ship no less than 6 cars of tons.

about 2 miles
East on up hill North of Half Hog Cabin.
or near Lewis Rock house.

S. N. 1/4 sec. 2 T 25, R- (179).

Knights made the height by sea as 380 feet.

Free water shells

Diatoms
30 feet.
No water covering

Free water shells full 50 feet up.

More light green shale
with sand, a sandstone layer

100 feet

There are many ⁱⁿ shells but
more of the mud shale.
Some are in the water
10 feet up.

In places much
thicker. Creeds
here. ss. shells 2 feet.

Then bedded in also ss bones. The former. Also in Knights quarry.

Free water shells
free water shells ss.

Light green ^{ss} shales with ^{ss} shells
with small irregular nodules. Also
bands of impure limestone 1 to 2 feet thick.

75 feet

Free water shells

Can shells be seen.

Continue on next page.

Belemnites here

Compacts brown limestone 2 ft
Green shale 4 ft
Green thin cross bedded ss. 1 to 2 ft

Oyster layer here.
Common ^{in part} _{about} 10 ft part.
Ginnid also from about this horizon.

Light green soft shale with lenses of thin ss and ^{numerous} modules with some belemnite fossils.

Marine zone

75 feet.
Belemnites throughout but rare.

Baptosmia layer just above.
Modules with peleg fossils, etc. in some



Main Belemnite horizon.

Soft greenish sandy shale with Belemnites. 10 feet.

Yellowish ^{greenish} ss soft with harder layers, sometimes with red beds. 25 feet. Ripples.

Fine bedded ss ^{yellowish} with greenish soft partings. Fossils Peleg fossils & Ginnid. 20 feet.

Light yellow ss thin bedded 20 feet.

Gray bedded 20 feet

Probably 30 feet more of ss.

like corals

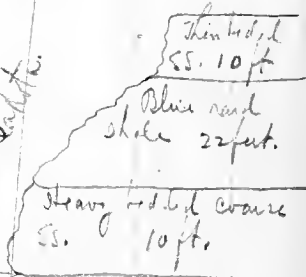
Creek bed beds

Section, hill at Knights quarry
 near W. of hill of Catons
 Sec. 13. T. 25. R. 79.

Dip about 90° E.

breaks fault

← About 200 feet



Soft green shale

Diamond quarry, 20 ft higher than lower one.

Condition by description

Ones here but poor.

Coarse bedded ss 3 ft. Has bones

Main Dinoramus horizon. Not over 5 ft.

slope. Marine fauna well exposed here. Towards the cabin it is present.

Standing on the top of this hill one sees the Dakota dipping to the east. Looking to the next ridge south one sees the Benton shale present with a dip of about 10° or so dipping either to the south or south west. There is therefore between the so-called Dakota and Benton a decided unconformity.

The shale here in the Dakota is also present on Freeze But Mt. Elsewhere in this region the Dakota seems to be gone away down to the lower ss. The shale is generally ruled away.

Sept 12-99 Tuesday

I have come about 3 miles west of the
the road. The road is on a plateau and am sitting on
the rim of another Triassic amphitheatre.
The strata of the arch is cut out and where
I sat the rock dips to the N.E. Looking across
the side the beds are seen to dip to the N., N.W.,
and S. To the south are higher hills and contain
both mass and the same occur to N. and
E. A notable one are the shaly beds, a
general "Tooth But" like to one at Bullwinn
but isolating lies to the S.W.

One the base of the red beds beneath the
Frye Out limestone cannot be less than 400
feet and may exceed this. The whole Trias
is visible in this hole as in the one beneath
Frye Out Mt.

The T. O. limestone in the cliff is about four
feet thick but some of it is worked away. Collected
a few more fossils from this zone.

Sep. 13-99 Wednesday

Expected Mr. Sillman to take me and my goods to Medicine Bar. However he could not get around with the horses and was in camp 1 P.M. As there being too late to start we loaded the wagons to start early to morrow morning.

Sep. 14-99 Thursday

Got up at 5 A.M. and started with the wagons at 6 for Medicine Bar when we arrived at 1.30. After taking dinner we began to make three large boxes to pack in the furs, bands of goods and the inevitable mail I gathered in the Freezer Out Hills. All was packed and ready at 5.30 P.M. when Sillman called back for the Hills. The shipment consisting of five boxes and weighed 1070 lbs. Paid the freight to Cheyenne \$6.90.

Coming towards Med. Bar over the

interior on one just sees Flat Top
Part of a coarse ss cross bedded. The latter
ground is covered with various sized small
ss concretions. It might be called Sulfur
and stones. The next strata are the Red
beds at Little Medicine Bar and beyond
the mine. Further on towards Como
Bluff the latter dips under and reappears
near Como Bluff. The Red Beds and
Inra continue to outcrop along the Little
Medicine and along Sheep Creek where
the Carnegie Museum has its ^{first} ~~main~~ ^{main} ~~main~~
Left Med Bar at 8.50 ^{p.m.} on a car-
mine.

Here at Med. Bar the Carnegie
Museum has a large deposit of boxes
with bones. They take up the boxes with
concrete slabs adhering.

The American Mus. was in
shipping and in loading 2 1/2 cars the result
of their summer work in their

Large quarry

Duncan sent to the U. of Minn
a fine scapula, coracoid and a number
of smaller bones.

John Holmes is a good taxidermist
and may be had cheaply. He is the man
that came to Billman with the extra
hose.

Arrived in Laramie at 12.30 P.M.

Sep. 15 - Friday.

After cleaning, looked up my mail
and Prof. Knight. Then looked for boxes
but could find none good enough to use.
They ordered 5 which I am to have in
the morning.

At the University of Wyoming found
6 bags of fossils. There should be seven.
Did not determine which one is lost. The
four left at Barnett's have not yet
come to Laramie.

Sep. 16-99 Saturday.

With a wagon gathered the fossils at the hotel and Knight's house and the five boxes at the carpenter's. Took all to the University. There I packed four boxes and left two for Knight to pack when the four bags arrive from Medicine Bow. Stuck to each box two Smithsonian labels. Knight will ship all to the Quartermaster at Fort Russell, Cheyenne, later.

The flowering plants are in the small box.

Left Laramie on the midnight train for Denver.

Sep. 17 - Sunday

Arrived on time in Denver. Stopped at the Windsor, the miners hotel.

Received one letter at the P.O.

Spent the day with seeing. One of

the feature, was a strut case called "Loring
Denon" which stood for two hours in the
afternoon. Had a dim view of Loops Park
to the north and of Pikes Park to the south.
Also had a good view of Denon and saw
some of the irrigated farms, one of which, a
cabbage farm, was very fine.

Sep. 18-99 Monday.

Started out to find R. C. Hills and then
purchased \$9.00 worth of Jacksons pictures
by the Detroit Polychrome process. Also
looked up the Capitol building and its
collection.

Found Hill at noon and had
lunch with him at myel. now club. Later
we picked out all the boxes which occupied
me the rest of the day.

Sept. 19-90 Tuesday

Started in P.M. purchasing the
necessary material to pack the cones.
Finished the job at
3 P.M. and left instructions to ship
by Express. Then visited the Cup
Cemetery where I bagged little cones.
A few were present to take me
through the day here about.

Sept. 20-90 Wednesday

Left for Colorado at 9.00 A.M.
at 8.30 A.M. from
Manitou. At 1.30 P.M. the
train for Pikes Peak. On the way
we were so enthralled with the
scenery that we concluded to stay
over night.

From Manitou one cannot see
Pikes Peak which is back of the front high
Mts. One's impression is that these

Mts are not schypl on they are said to be
but when the ascent is made it is seen
and felt that they are all that is claimed
for them.

Mantion with its soda and iron
spring is situated at the mouth of the
Canon through which the Pikes Peak R.R.
runs. About one mile from the mouth the
Peak R.R. has its origin. The level here is
6629 feet and in one hour and a half one
ascends to 14147 feet. It is one constant
rise sometimes for miles with a grade of 25
per cent.

The road begins in the gulch of
Aughton creek through which now but little
water flows. soon out of it is used in
Mantion and Colorado Springs. If a
up the road climbs with the engine laboring
very heavily. At the Half way House about
2 1/2 miles distant the road leaves the gulch
and takes through a long slowly ascending
draw to the sides of a Peak and then

to Pikes Peak. The gales were far more
than your circles are very strong and for
the last they were 20 miles.

For further detail see circular.

I vacated the top and felt no
unpleasant sensation but my head
around. My head began to swim
and ~~like~~ my heart palpitated. However
I sat with patient and paid three
dollars. It was a cool morning and
I concluded to shut it out.

In walking around on the granite
boulders where there is almost no vegetation
and some snow I stepped on a loose rock
and down I went. In my dizzy con-
dition I could not pick myself up. To
fall at this altitude is not like falling
at a lower level and I fell lightly
although I have blue marks. I returned
to the train and tried to get back my
hotel money. The keeper would not

return it and so I remain up in the
ellies. I had a very bad night, with head-
ache and palpitation of the heart and
did not sleep more than four hours during the
night.

Up here one has wonderful views.
Below in all directions are lower Mts and
to the west all appear as a plain and one
looks far away into Kansas. ^{It is a real life for it will be in the west of Arizona line.} Doubling to
the edge there is a drop of thousands of feet
down by the "Crater". To the north of the
same cliff and farther on is the Mts. Range
through which the Mail and C.R. runs to
Griffith Creek 35 miles by rail and about
16 by coach. Far to the north is a long
range and very far to the south one sees
the same top. Some of the Spanish Peaks.
To the west all is mountainous terminating
in a very good row of snow capped Mts
starting with the Pike Peak. These extend
on south 70 miles to S. towards the
Spanish Peak.

The sun is now setting and there are a few clouds above the western Mts which look more like islands than clouds. To the east, Gull's Peak is in the air and you look toward Springs in the shadow of the Peak. It resembles a wide cone and the shadow does not lie so much upon the base as projected on a plane. In five minutes it is gone and there is a clear and sharp outline of the jagged Mts. The coloration is intense and cloudy beautifully. The atmosphere is cold and the thermometer shows a temperature of 29° Fahrenheit.

After the moon rises and which all is clear on the Peak the Mts. in all directions can be made out. The electric lights of the cities show clearly and those of London can also be seen 35 miles away.

The keeper of the Summit House, and a priest P. F. Gleason of South America

and I sit around the stove and talk until
nine when all retire to our numerous blankets
bed. I cannot sleep and impatiently
await the morning. While it is yet dark
some one knocks at my door and I
in voice thinking how quickly the night has
gone. It is all a mistake. Three men
and a woman have walked up and at 11.30
A.M. seek admittance. They take no bed and
before they start away down the hill on
their trucks.

Sept 21 - 90 Thursday

A little way out down by a track
at the end of road there is a narrow
interval fire volcano in a great
distance to the N.W. This volcano
practically remains unchanged, ~~until the~~ ^{the} ~~last~~
~~it is~~ ~~not~~ ~~at~~ ~~all~~ ~~and~~ ~~is~~ ~~the~~ ~~same~~ ~~as~~ ~~the~~ ~~others~~
are the ~~others~~ ^{with slightly different} ~~others~~ ~~the~~ ~~others~~ ~~the~~ ~~others~~
below. At 5.37 the edge of the snow
not the edge in circle but a million
iron sand ~~others~~. It soon attains its
circular form in five minutes it is
full view. There are no rocks and the
only thing in the atmosphere is
white. Thermometer at Furnace 250°

The shadow of the Peak is now on the
West side, like the one of the valley. In distance
snow. All the dirt to the West side
and part of the ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~
total ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~

I feel so badly that I cannot take

and breakfast. By 7:30 I start down the
Mt along the P. R. tracks with Father
Blossom. By nine we are at timber line
and my aching head is about gone.

On the top of Pikes Peak all is melted
granite. There is a small tuft of grass not
1/2 inches high. A little bird eating the hotel
apple and an occasional mountain rat are
the life of saw. These rats are very tame, have
large ears and squeal like a bird to some one
away. A little farther down but far above timber
line I also saw a pair of mountain prairie
dogs.

Timber line is a very irregular line
ranging 500 feet more on the Mt sides. The
aspen and oaks are ranging to later on the Fall
coming.

To have the full advantage of Pikes
Peak is a very serious business and the
only way to get the best view is to the Pikes
Peak news office. It may be painful but
it is worth the suffering.

Sep. 22-99 Friday.

Have just had lunch & I went an errand.
Today I leave by 12.05 P.M. train for Kansas
City.

Found that the boxes had not yet
gone by the same or gave the Adams Exp
another notice. The receipt was for to
Washington.

Talked Mrs. Stanton that could not
come to see me.

Sep 23-99 Saturday

Arrived in Kansas City at 7.00
A.M. After breakfast secured my pass-
to Chicago over the C. & O. R.R. then
called on Mr. Lytle and Smith.

Left for Chicago at 6 P.M.

In the evening met Prof. Dora Howard
and talked over our lake trip until
Centerville was reached at 11 P.M.

where he got off.

Sep. 24-99 Sunday.

Arrived in Chicago, at 9.25 A.M.

Purchased a ticket to Washington on the 17th
to visit my uncle and took a walk into
the city for half an hour.

My cash has now got down to \$2.⁰⁰
which must last until I get home.

Left on the Penn. Route train at
10.30 A.M.

May 10	Break car to depot	05
"	Dinner and supper on cars	2 00
11	Breakfast on cars	1 00
11	Dinner & supper in Chicago	1 50
11	Porter	25
"	12 Breakfast on cars	1 00
"	12 Porter	25
"	12 Break car to depot	30
"	12 dinner & supper	1 00
"	13 " "	1 00
"	14 " "	1 00
"	15 " "	1 00
"	16 " "	1 00
"	17 " "	1 00
"	18 " "	1 00
"	19 " "	1 00
"	37 " "	
	1 100	1 00
June 1	1 00	
"	"	

"	2	Slacker	✓	2 00
"	2	Breakfast & Room 12/20/23		85
"	3	Breakfast in K. City	✓	50
"	4	R. R. Sweet Springs & Ret	✓	70
"	4	2 meals in Sweet Springs	✓	1 00
"	4	Buggy hire 1/2 day	✓	1 00
"	5	R. R. to Clinton & ret.	✓	70
"	6	Hotel at Sedalia Mo	✓	4 50
"	5	Dinner at Clinton	✓	50
"	6	R. R. to Clinton & return } to Sedalia	✓	2 15
"	6	"	✓	50
"	6	Bus to Hotel	✓	25
"	7	Breakfast at Sedalia	✓	50
"	7	R. R. to Dawson & ret.	✓	3 05
"	7	Buggy hire to escape mine	✓	1 50
"	8	Board & lodging at Dawson	✓	2 50
"	9	Supper in Sedalia	✓	50
"	11	Boyer's Paper at Hall	✓	40
"	11	Hotel	✓	5 00
"	11	Supper in St. Louis	✓	1 00
"	12	Breakfast " "	✓	50
"	12	Lunch " "	✓	50
				<hr/>
				51 45

814-

Jan 12	Dinner in St. Louis	✓	50
" 12	Room - "	✓	100
" 12	Supper to Cincinnati	✓	200
" 13	Breakfast on cars	✓	50
" 13	Supper to Washington	✓	300
" 13	Dinner on cars	✓	100
" 14	Porter	✓	50
" 14	Street car home	✓	05
			<hr/>
			10000

Exposition
Museum

~~6200~~
~~2825~~





"It certainly seems that when so many people insist on dying and leaving fortunes to colleges which are already vulgarly rich and superbly equipped, that some wealthy individual might give Wellesley a new ^{one} f

Took from an article - "Undergraduate Life at Wellesley" by Abbe Carter Goodloe May, 1898. p. 535-

Thursday May 12-98 by apt room.
@ 6⁰⁰ per week. meals 2.00

Breakfasts 13, 14, 15, 16, 17, 18, 19, 20. — 28

Cuppa 15,

Paid May 19 \$ 10⁰⁰
" " 27 10⁰⁰





164
50

Smith & Mackay

