one that we had just left. We looked around for 15 or 20 minute and found nothing so we decided to start for the entrance. We were then about four miles from it and as we did not have an over supply of light there was some compulsion about it so we started immediatly We went to the Garden of Eden by way of the hole in the floor and arrived at the entrance at 6:30 P.M. being 10 hours and 30 minute on the trip. We were all three tired and hungry but for all of that we did not regret the trip.

Colosseum Route

Monday June 19th 1892

At 9 o'clock last evening I started in the cave with A. J. Vagg of Hot Springs & 5 others gentlemen as visitors. Our trip was intended to be on the Colosseum Route with the "Fair Grounds" as the special object in view. Instead of going the upper way to the "Fair Grounds" we went most of the distance on the Castle Garden Route going up into the Colosseum Route V. i. a. the Alpine Way.

When we got to that small room at the top of the Alpine way I proposed an exploring trip to the North East. As I had not visited that part of the cave for a while I was anxious to make a trip there in order to keep myself familiar with the cave. We first started on a peculiar oval shaped passage and, after we followed it for about 150 feet we came into the large room that was discovered in August 1891 by Z. V. B.

Coloseum Route

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We were in in the south East end of the Chamber when we entered it so we turned to left to get into the main part of the room which lies from ~~the~~ North west to ~~the~~ South East. After looking at the room for about 10 or 15 minutes I discovered a good sized passage leading North from about the center of the East side. We then proceeded to investigate it, and after following for about 20 feet we discover a room of extraordinary importance. Its greatest length is about 70 feet while I should judge that its greatest width is about 35 feet. The ceiling is nearly horizontal but the floor is so irregular in places that it is hard to get an average height of it. The greatest height of the ceiling is about 30 feet while the minimum in the center of the room is about 7 feet.

At the North End of this room, and on the right side is a greate mass of rock that has the appearance of having tumbled in at some time. This fall must have been very long ago because the rocks are covered with a sediment ~~of~~ that has cemented the greater part of these together. I tried to find a way beyond this mass of rock but failed so I began to explore for other reasons. I looked around for awhile and finaly found an open passage leading upward

from the west side of the room. As the passage looked promising I had great expectations of getting over the mass of rock, that I had failed to any way through, but all my hopes were blasted when I climbed up the passage and found a round smooth pocket in the rock. There was no h[illegible] out of it big enough for a [illegible] to squeeze through except one that I came in by. I had enough courage left to try again and after I had climbed down out of my roost I discovered a peculiarity that was new to me without exception. There is a great depression or hole in the floor of the North end of the room and into this the rocks had tumbled until they had formed the side of a mountain. I went down into the depression and noticed that the fall had filled it about half full. At the foot of the Mountain I discovered a passage leading down. After going through this I came into good sized room but waited for help before I made any further explorations. When two of the came through the hole I left one at the entrance of the room with instructions to wait there until we got back.

I then told my assistant to look into the passage to the right or East while I looked into the one leading to the left. I went about 30 feet through a narrow room and found a lead going nearly straight down. I went down this hole for about 20 feet and there found another one leading West. This one soon got so small I was obliged to crawl in it but after a hard tug for about 30 or 40 feet I got into a neat little room of about 25 feet in diameter. I had some beautiful ornaments of lattice & bracket work and also a very smooth floor. As I was getting nearly out of hearing of the guard I started back, and arrived at the station in about half the time that it took me to get away from it. I soon found that my assistant was stuck so I hurried to him to see what was the matter. When I had gone about 50 feet I came across him unexpectedly. He was perplexed because he had found a hole leading downward that he was afraid to go into. I began to climb down and soon found that the passage was not as bad as it looked. The hole went straight down at first but soon became sloping and

by the time I had climbed down 50 feet I was on the floor of a large room. In estimating the dimensions I would calculate the length to be about 60 feet while the width will average 25. The ceiling is very irregular and in some places it is 30 feet high but the average height is about 16 feet. We explored for other rooms for about half an hour but found none so we returned to the remainder of the party who claimed to be two thirds frozen. We then started to the Fair Grounds and arrived at the entrance at sun-up.

July 23rd 1892

At 4 o'clock this last evening I started in the cave with Erwin H. Barbour (State Geologist of Nebraska) and 5 other gentlemen. When I asked them which Route they preferred and Mr. Barbour replied "We want to see the best that you have to show us in as short a time as possible". We went on the Castle Garden Route from the Confederate Cross Roads. When we arrived at the assembly room we decided to go to Council Chamber by way of the Star Chamber Circle. When we got to the

North end of Sculptor's Dream I placed a candle on the floor and left it burning. We then went on to Council Chamber and entered the Collegium Route V. I. A. the Alpine Way. At the top of the Alpine Way We went North East through an unnamed avenue to the Large Room mentioned in the [illegible] exploring trip. Just after got to the room I took the party one by one and showed them the light that I left in the North end of Sculptor's Dream 75 feet below us. The visitors were very well pleased with this sight and we named it the "Height of Fame".

4 Muriatic Acid
Same substance as the
three
Result Lime Amperous Sand
Solution of glutinous in
precipitation of glutinous
with a melt
5 a Flesh from
Nitric Acid
Same Result as
5 B Bone from brow
Nitric acid
Immediate dissolution
result as No 3 and 5 a so
6 a
Bone from arm
Sulphuric Acid
6 B Test same as No 2

6 B Sulphuric Acid
Test a peculiar greenish color of
new material different to any
test made after standing 8 hrs
turned to black on marking
~~Nitric acid~~ second test f
to be something irregula
foreign matter.

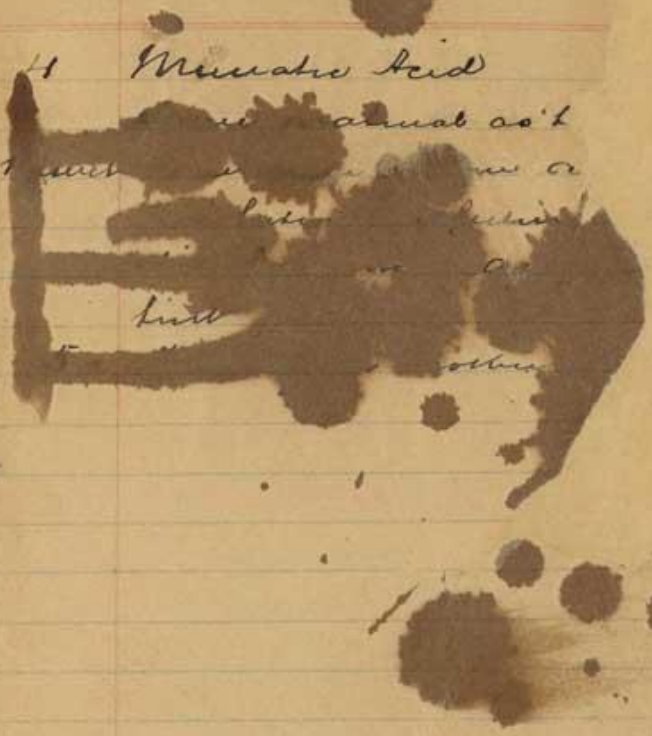
Record of Acid Tests

t 1892 Sulp. of Lime Crystly
from the sculptor Dream
tic acid imediate no change 12 hr. no change
" seemed to start to dissolve "
ic " turned white and partly ~~[illegible]~~
it.

Petrified Mass
ite substance found in main bone

- - - - - - - - - - - - no change
acid - - - - - - - - - dm. dissolution
test - - Sulp. of Lime or Plaster Paris
bone and flesh
d - - - - - Immediate dissolution
to contain lime which after application of
dissapears and leaves about 30% sand of
color. In the sand was found particles
Sulp. of lime or plaster paris.
The test of the supposed bone & the test of
the supposed flesh is exactly the same
t No. 3.

Test of Petrified Mass
ulphuric White substance taken from
inside of elbow Result Plaster of Paris
2 Sulphuric acid
Flesh from base of spinal column
Plaster & auriferous sand
ric acid
esh from base of spinal column
Cast of Lime. auriferous sand & cement
of total substance dissolving cement
solidifying solution



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