

several fragments from cave and placed on ^{their} home. On the ceiling of the outer chamber was several areas of black covering which Mr. Walker claimed was bat excrement. He said that bats were seen flying about the canyon on several occasions during the colder evening. Bats have been seen hibernating in cave during the winter. He described them as small ones but did not know what species. He also commented on the mt. Sheep. Early residents of Pleasant Grove recall of seeing the sheep on several occasions. A horn of the sheep was also found in canyon. The bone cave appears to me to have been used by a mt. Lion and the bones represent the fragments of small mt. Sheep. One peculiar thing is the relatively sameness in size of the fragments. The lions no doubt broke them into small fragments to gain the marrow. Dr. Hansen expressed the desire to get assistance from Forest Service and excavate the entire cave starting from the entrance and trench back to the second chamber.

1/4-5/38. Spent two days in Bear Canyon in Provo Canyon. Included in the trip were Blain Carlson, Buckley Taylor, Bob and Bill Scott, Phil Arkin, Howard ~~Hansen~~ ^{Hansen}, Craig Wayman, Harry Thomas, Kay Hopkins. Set up three tents and trued out. I slept in one during the night and even with an additional ~~five~~ six inches of snow slept soundly. Snow conditions were good especially along the trail where the sun had had a chance to shine upon. Took several pictures on trip $\frac{1}{25} - \frac{1}{8}$ and one night shot, open and about 30 seconds. Sunny shots normal $\frac{1}{25} - \frac{1}{10}$. Early the next morning watched a herd of 5 deer working along the side hill opposite the canyon on the deer creek ridge. About 3 o'clock that evening 15 deer were seen in some vicinity. Two bucks were miped in the herd. Two were the large deer no doubt seen during the autumn trip. These two deer were certainly large for deer, bearing monstrous

^{horns}
(insert)
1/6/38 About 4:00 Sunday afternoon the folks and I drove up Provo Canyon to look over the new operations at the Deer Creek project. Near beaver house at Wildwood saw six ducks that look like the Barrow Golden-eye. The crescent patch in front of the eye was noticeably large and crescent. When frightened they had no trouble getting off the water and when once in air showed a conspicuous wing patch. Farther up canyon three more were seen. As long as the car remained in motion the birds remained on water but as soon as the car stopped the birds flew up river.