

up at usual time and feeling the aftereffects of yesterday. Except a few burn spots and ~~blurred~~ eye lashes was near normal. Temperature at 7:30 A.M. = 40°F clear beautiful day. Decided that there would be no advantage of going up to trap line in Timponeke cirque because of the hindrance of the snow on trap line. The logical thing to do today and a trip with perfect conditions would be to invade the American Fork cirques and observe the activity of the animal forms as evidenced by their tracks in the new carpet of snow deposited yesterday. This trip should prove very valuable in gaining a knowledge of the mammal activity and distribution on the mountain. Planned on recording observations in a specific manner. Left camp and arrived at base of trail near Ranger Cabin. Left here at 8:15 A.M. On the moraine flats here observed a Green tailed Towhee, 2 chipmunks ^(Eut. m. con), and several juncos.

8:25 A.M. One Eut. m. conso

8:37 Sun at Limestone gulch with temperature 40°F. Grasses and vegetation covered with white frost. Pika called on entering lower end of Badger flat. Interlucent sun creating a gem spot on ridge. A few juncos chipping on hillside of aspen, chokecherry, maple, symphoricarpos, nine bark, willow. The maple leaves being effected more by frost and low temperature than any other type of tree or shrub. Their leaves yellow with 50° off stems. It is interesting to note that these higher maples are effected before the lower type of maple. The nine-bark leaves predominantly red with a few on the ground. Thimbleberry turning yellow. mt ash showing yellow. Pinneauk holding ok. Willows green and some golden brown. Many mt ash red. Pinneauk yellow. Aspen still green except in one or two instances. Maple curled with brown edges. These observations made as I progressed on trail.

8:48 Eut. m. conso chipped. Aspen fairing well. Birch ok. Abies concolor main Conifer along trail.

8:55 1st switchback at Scout falls.

9:07 Took picture 1-9-15-39 of trail with vegetated cliff growth of ninebark, upper maple, mt. ash in distance. Abies concolor on left. Exposure 1/25 x 11 open.

Sorghus scopolina well effected in color. Grammas withered and slightly brown. Area first grazed 1892.