

appears then as if this condition is man-made. Reached crisscross at 5:38 P.M. and continued up trail thru the Conifers. One of the most impressive sites along this trail was at a point where the trail leaves the more or less open situation and goes directly into a dense stand of *Abies concolor* & Douglas fir. The trail is so oriented that its direction conforms with the direction of the light rays. The sun had set long ago and now late twilight had set in with just sufficient light in the western sky to make a mere indication of one's shadow. As one leaves the last lights of the open sidehill and enters a dark forest, he is immediately impressed with the softness and delicate hue of the lights. I do not know of anything in nature that lends itself to the feeling and expression of delicate softness and subdued serenity than these late twilight lights and shadows of a forest. Arrived at camp ground at head of canyon at 5:50 P.M. This site is the one located alongside of conifers on the beginning of the first flats. Noted that the cottonwoods had invaded the canyon up to the second waterfall and had then met defeat. The two closely associated falls no doubt act as a barrier to many aquatic forms. Set up camp and after supper retired at 6:50 P.M. with temperature 45° F. Sky cleared later with stars and atmosphere bright. One noticeable thing about the country here and that is the nearly total tramping out and overgrazing of the surface. When one spends a day here in the summer & spring he finds the vegetation very luxuriant over the entire area but now nothing remains but the broken stems of the service & elder berry and a closely grazed sod of the flatter portions of the valleys, otherwise thoroughly trampled and overgrazed by the cattle.

12-9-39. Station 1 head Grove Creek of above trip. The clouds reappeared last night with no stars shining. Dawn at 6:30 P.M. with colored sky at 6:45 P.M. Temperature at 6:45 A.M. = 55° F. Thru breakfast and ready to leave at 7:15 A.M. Plan to go directly east to fir at base of abrupt mt. and then to low pass at point near north end of Temp. On trail observed many gopher active since last night. One can step from one gopher mound to another most any place in the rich valley floors. Wherever the soils are deep and moderately flat, one can expect the ground to be completely overturned by this mammal. At 7:30 found porkey tracks in trail that continued up grade for several hundred feet. Also observed deer tracks in trail but not in any great numbers, just a few long tracks. No bird life except 2 juncos.