

lateral or horizontal trend. If such a ⁴⁰¹⁰¹²⁻¹⁷⁷ growth pattern is prevalent on a mountain side, and if not governed by rock structure would assume that deer, elk, mt. sheep etc have been or are now found in good numbers. While the *Pinus flexilis* is most frequently found on top, the Douglas fir, Engelmann spruce etc are found just below top making up the dense and dwarfed masses. 11:25 Pass 11:34 Peak 11:55 Pass above old camp of previous years 12:00 top of peak.

12:10 A.M. 2 buck left just down from ridge. 1 extra large one left shortly after. Utah Jay associated with deer. These deer were all large probably ranging 200 lbs - 250 lbs and 250 lbs. with beautiful horns. 12:15 Pass porcupine gnawings everywhere. 1 active gopher. Few of these animals but not many.

12:28 Top of last high prominent peak. 1 small buck or rather large but small in comparison with other bucks left and ran down west slope. 1 extra large buck with large set of antlers, pointed face and black tone to face left and ran south to last point of cascade then down windy ridge for a few hundred feet and then dropped down in to cirque, running across slide rock directly below us. This deer followed the circular escape so many deer indulge in. This deer would probably weigh 300 lbs. Arrived at south end of Cascades at 12:45 A.M. at point where one looks down into rocks canyon. Remained here until 1:52 P.M. From observing the deer today find that they inhabit two zones on the mountain, one just above precipitous west cliffs of the cascades and the other just under the ridge on top among the dwarfed conifer growth. The old and large bucks are found in this high zones while the does seem to favor the timber below. Have never failed to find large bucks in this upper zone. definite ~~pass~~ trail mark this upper zone. It may be used because of the inaccessibility from west and quick escape from to the east side of Cascades to cirques. Large buck invariably have such a combination for protection.

One butterfly on top and a few Asilid flies. Observed again the interesting fold east of Provo Peak. Left the south peak at 1:52 P.M. after taking temperature of 68°F in the shade. Followed down west ridge to prominent point then north north slope to point where we gained entrance to