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its crustness on eruption. Several such lateral fumeroles are located upon the abrupt shoulds of this mountain. Slopes of sides would probably average 32° which is rather steep for a mountain slope. The most inviting area, but inaccessible from our position is the lava flows to the west. This eruption was of a N.W. exposure and fanned down and beyond base proper of mountain. The most impressive feature to me were the many recent signs of activity. Certainly it could not have been many hundreds of years ago. Am desirous of revisiting St. Helens with the intention of investigating this area. The more evident bird-life consisting of a family group of Leucosticte, a few Anthus spinoletta and the apparent total lack of Pika. While driving down road approximately 2 miles from Spirit Lake found a black bear in road. It ambled down the road for several hundred feet and then departed from the more modernist thoroufare to one of truely primitive in nature. Recorded the following pictures not in proper sequence.

(1-7-26-42) Typical crevasse with snow-field above. 60' would not exaggerate depth.

(2-7-26-42) Snow field at upper cirque of N.W. glacier. Bergeschrund fissures in upper left.

(3-7-26-42) Uppermost limit of St Helens showing broad snow fields. One is surprised to find such a field and of such an extent. Probably represents the catchment basin of the extinct volcano.

(4-7-26-42) Close up of upper limit of N.W. cirque showing crevasses and bergeschrund. The Leucosticte were found at about this datum line.

(5-7-26-42). Spirit Lake in distance, looking north.

(6-7-26-42) Ibid as 4-7-26-42

(7-7-26-42) Base of mt. shooting toward dog-head

(8-7-26-42) Uppermost limits of timberline.

(9-7-26-42) Binocular view (8x) of Adams.

(10-7-26-42) Nellie Vaughan on top. (discernibly tireless)

(11-7-26-42) Top shooting S.E. toward Mt. Hood.