

at Donnans. At 5:58 came to cliff barrier, most conspicuous set of cliffs on ridge. Investigated Crinoids in cliff nearly 1 inch across in diameter. Rock wren calling here. 2 S.T. Towhees beginning to sing. Sun down beyond high peaks of Tump. Hummers passing very frequently. It appears that the bird & animal life is beginning to become active. Can see that the waters of Utah Lake are perfectly smooth. Worked up over these ledges & at 6:15 heard hummer & G.7. Towhee calling. Discontinuous snow patches on lee of ridge. Dog-tooth violets, yellow violet and spring beatys (Claytonia) showing through as snow banks receded. Top of Contrailing Knoll at 6:30. About 5 main canyons converge at the top of this knoll. One deer feeding on ridge toward Heber. Heard Goshawk, Thrushes have been calling for 3/4 of an hour. Dusky drumming. From this peak went west to divide along an almost continuous snow bank. At divide could see 3 deer wading in large lake at bottom of canyon toward the north, and directly below. These deer seemed to be wading here as a matter of sheer joy. This lake is an ephemeral lake of early spring, I believe, and is supported by the early melting snows. 6:55 Hummer passed over divide. From divide went east around to north side of high peak and made camp among aspens. It was the only <sup>place</sup> where I could find a flat enough place to erect tent. Could see down large canyon that eventually ends about 3/4 mile up N. Fork of Provo. Started camp at 7:11 with tent up at 7:22. Robins calling. 7:45. Hummer just to north calling, rather late. Found that it is not advisable to build fire any closer to tent than six feet. Before orienting tent be sure the winds are taken into consideration. made bed with mats of dry leaves. The aspen covered slopes here have a mat of dry leaves that are cracked from drying of winter moisture. These fractured sections make very nice beds base for sleeping bag. Retired early and slept soundly.

**5-17-39.** Next morning. Awakened with the thoughts of enjoying a good day for photography, but find that the day was starting with a monotonous rain. It had been raining for some time. The sun appeared momentarily at 5:17 as it rose above the distant mountains but in 10 minutes had passed under the low rain clouds. Recorded the frequency of the thrush calls a few minutes before sun up. Their songs recorded per minute represented frequencies of 13-14-15-15-15-14 complete songs per minute. At 8:10 A.M. the thrush started up again as if there would be a