

River and photographed a boat 710814-6. There has been considerable change in this area and is highly used by campers and boaters.

Y mountain, E of Provo, Utah Co., Utah

Aug 15, 1971

Annette C and I made <sup>trip</sup> to bat caves in Slide Canyon below Maple Flat Mountain. (see records of previous years for this bat cave). Left Bonneville level at 9:00 A.M. and traversed the mountain side by Y trail arriving at the Y at 10:10 A.M. Continued to Devils Gate arriving there at 10:35. Some of the birds and mammals are: deer tracks of mule deer (largest measured 78 mm), 2 Stellar jays, 5 robins, mourning dove, 3 turkey vultures, 5 lizards. A blow snake had been killed at Devils Gate. Continued up the trail and thence to right across canyon to old Clarks Crow nesting tree, thence up drainage to set of cliffs that had recently broken away from their attachment. Photo 710815-1 shows the rock slide, a large section of the cliff abutting against a Douglas fir. Other large cliff segments had cascaded down the hillside and on each impact excavated a hole large enough to use as a basement. The cliffs tend to disintegrate before they travel too far. Photo 710815-2 of cliff where section had broken <sup>from</sup> basal attachment. This action probably occurred in spring when soils were saturated from winter snow melt. This area can be seen from valley and is a major displacement. Continued to bat cave to left and found no bats. Temp. in side cave 71°F and 74°F outside cave. There is a movement of air from <sup>outside of</sup> cave to ~~outside~~ <sup>inside cave</sup> which suggests other corridors connecting to the main cave. These have not been located. At 10 inches excavation found bat bones in guano. Continued to top of Maple Flat at highest point, thence S to point overlooking Slide Canyon. Trails overgrown but best approach on W side of ridge. From the vantage point made photo 710815-3 of Annette and Utah Valley with Utah Lake in background. Photo 710815-4 of Maple Flat Point and Provo Bay in background. Photo 710815-5 same as above. Photo 710815-6 of canyon walls and valley beyond. Photo 710815-7 of Provo Bay. Photo 710815-8 of Springville, Mt Loafer + Nebo beyond. From here returned to S end of Maple Flat at spring. Flow of water here and microtine trails in rank grasses & sedges associated with spring.