

weather condition played a role today in how apparently lifeless area and again the nearness to the wingate barrier may also be a factor in the percent frequency of these forms plentifully numbered below in valley floor but apparently lacking here. I personally recorded all lizards observed on this trip and while the other members of party claimed to have observed several others, the total is still insufficient to even be classed as scarce. Recorded all birds observed except one or two unfamiliar calls. Here again there is a decided barrenness in the birds population as compared with the valley below. Possibly George come near the solution when he remarks. "Why the hell they want to be up here for anyway".

* Station 1. 6/14/38 - Fruita.

This morning we went over to Dr. Ingelsby to look at some of his fossils and indian material and while over there he suggested we take a little trip down to Pleasant Creek at a point where it enters the reef. ^{winged seeds, beetle (?), brachiopods found at location in Permian shales} We were shown several fossil leaf patterns and the Utah type metata and manoa. Left camp in morning with our party & Dr. Ingelsby as guide and drove down to the Floral Ranch on the Pleasant Creek. Just before coming to the Capitol wash ^{1. block} we were told that a cave roof had collapsed last november; a cave that had been used by campers for many years. It lies just off road 30' to left and now has fresh sandstone blocks on the threshold. Shortly after leaving Fruita we began to find the exposure of Shinarump that is lacking at camp and as we proceeded to the south the width of this formation increased. The same thing is true in traveling west from Fruita, so in reconstructing the old sea shore line would take on this appearance. One can see that the present site of Fruita and camp is beyond the old shore line of the Shinarump and therefore will not expect to find Shinarump exposure there.

