

As evidence of water on side of river would judge the water, at one time, to have been at least 5 feet above the present water level. Photo 710806-18 of the pull-out point at Little Hole. Returned to dam and thence back to Green Lakes Camp. At dam there was considerable debris at w end of dam and this accumulation should be clean up as it accumulates.

Green Lake Camp, Red Canyon, 7420 ft., Daguerre Co., Utah
Aug. 7, 1971

At Camp recorded the following photographs:

710807-1 An old and young tree of ponderosa pine. morning lights intensifies the red bark.

710807-2 Ponderosa pine and cones. In some cases the accumulation of cones is 3 cones deep and covering the complete area under the tree, especially in those places where grass grows.

710807-3 Cones of ^{up to} 4 years of age from green cones to those in which ^{only} the central column remains. Relative percentages might be a clue to climatic changes.

710807-4 ponderosa pine cones, one from tree and one (this year) from the ground.

710807-5 Cone of ponderosa pine showing pointed projection of scale.

710807-6 A seed of maturity of undergrowth vegetation

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Left Green Lakes at 10:45, mileage 59457. Followed regular route to Vernal. Enroute photo 710807-11 of dusky grouse. It was loathe to leave the ground and was herded in circles for 5 or so minutes. This grouse was approx. 3 mi beyond road turnoff to dam. at 59471 at summit at 8428 ft. The road thru savannas and forests beautiful, as is the distant view of Utah basin to S. at 59479 noted a golden eagle circling to W. Photo 710807- of a non-conformity between the Moenkopi and Shinarump ^(or Chinle - Navajo) at first main drainage to S. at 59490 2 prairie dogs. At 59491 photo 710807-14 of Cretaceous formations near Steinsaker Lake. At the lake noted 2 great blue heron, 18 mallards, 2 pintails, 4 gulls, 2 killdeer, 3 avocet and 8 Brewers blackbirds. Arrived Vernal at 59602. The strata dip to S on S side of Utah and considerably less so than on the N side and as a result the individual formations are more widely separated.