

checked Page and then returned to 89 and thence to S. The Echo Cliffs show a Wingate Formation that is not cliff forming but individual layers eroded to major sequences. Chinde is not as variegated, Shmarump was not observed and Moenkopi difficult to define and then a dark blackish formation. These Cliffs are one of the longest series in area. Camped at The Gap. next morning (below) photo 831212-1 Annette + petrified tree 5' in diameter (chinde?). Photo 831212-2 at Gap. an upright tree in same formation. Photo 831212-3 large limb, place on petrified tree. The Gap, Highway 89, Navajo Indian Reservation, Arizona. (Chinde) by Navajo's
 Dec. 12, 1983

Continued S on 89. Left highway to find Moenove and Moenkopi but returned without reaching our destination. I wanted to photograph and see the type localities of these formations. Returned and continued S on 89 to Cameron, thence W on 64 to Desert View where 4 photos were taken:
 831212-4 mesa NE of Desert View (Moenkopi capped with Shmarump)
 831212-5 Good crop pinyons at Desert View (every 7 years a bumper crop) juniper also with many berries.
 831212-6 To N of Ewall Grand Canyon
 831212-7 Swall between Desert View + Canyon Village.

thence W on 64 to Grand Canyon Village:
 Several photos from near Grand Canyon Village.
 831212-8 To SW of Grand Canyon.
 831212-9 To N of Grand Canyon
 831212-10 Ibid
 831212-11 Phantom Ranch and yellow leaves of cottonwood trees

Camped in campgrounds and we were the only 2 campers in the entire camp.

Grand Canyon Village, Grand Canyon National Park, Arizona
 Dec. 13, 1983

(From notes) min temp 30°F. This A.M. hiked in forest S of camp and back to rim. Approx 1/10 mi. N of camp checkpoint at approx 150' west of road where ^{light colored} insulated lines traverses road found a pack belonging to Alet Johnson, ^(8:35 A.M.) 15 E Cucharas, Colorado Springs, Colorado 80903. This pack had apparently been stolen and emptied at this point. The contents had been removed and piled up at head of pack. A watch was on top and a letter dated (marked) Aug. 25 visible among the other contents (Battle spirits, ^{4/5 gone} partly under cloths, cowboy coat, worn jeans, black pants, black oxford shoes, several package matches and packaged food.