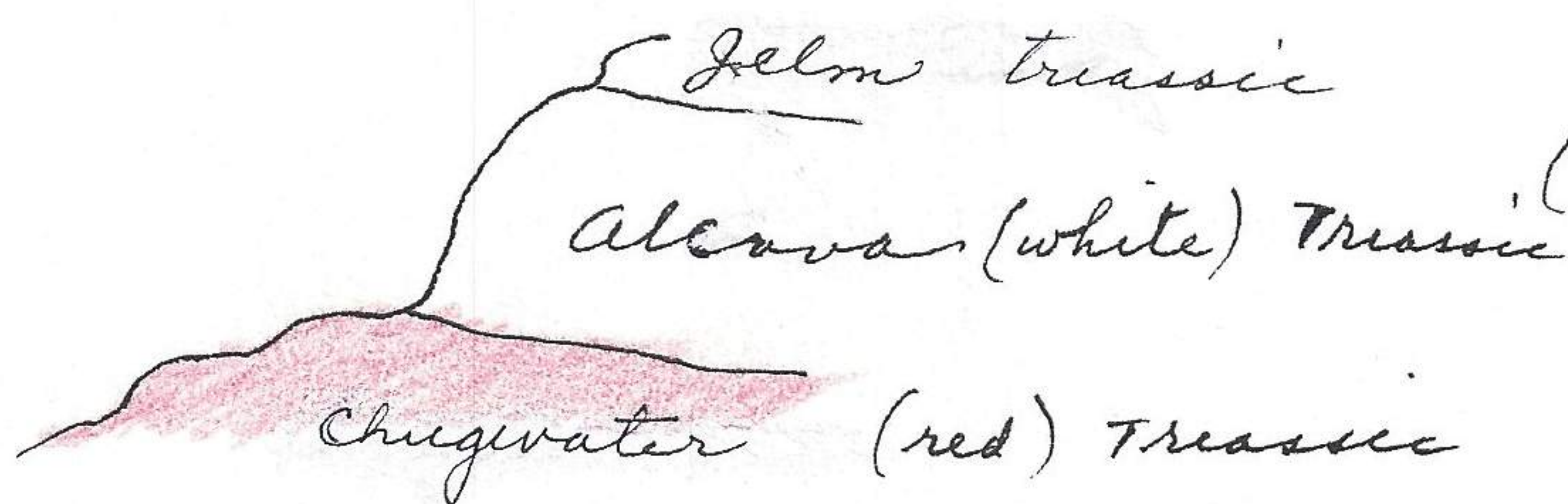


Other birds observed in the Canyon were clarks Crow, rock wren, mourning dove, green-tailed towhee and Eutamias (chipmunk). Returned to car. Mr Scott who own the ranch W of Burnett's ranch in the Shirley Basin area has a new home just S of the mouth of Jackson Canyon. He is the bird authority in Wyoming and a friend of mine. Continued on Goose Egg road to Casper - Medicine Bow road via 220. along this highway (220) took photo of contact between the Jelm - Alceva - Chugwater formations no 800809-2



The Alceva is a resistant layer and tops the (Chugwater) wherever present.

The red color of the Chugwater indicates its formation was created tidal flats or

shore lines where the water was shallow and oxidation was able to act on the shales, sandstones and siltstones thus producing the red color. Because the strata are evenly spaced and continuous my guess is that the formation was created is broad tidal flats. Left highway 220 and followed the old Casper - Medicine Bow road. Between the beginning of this road and the point it converges with the Circle Drive road observed the following; 2 antelope, 2 mourning doves, meadowlark, 5 meadowlarks, 2 horned larks, one group 35 meadowlarks. A short distance along the Circle Drive road up canyon took 2 photographs of the massive slope of the red Chugwater capped by the Alceva. The brink of this slope along the top of the Alceva formation would be a very interesting hike. This outcrop almost circles the muddy mountain and is relatively flat. These photos are nos 800809-3 and 800809-4. Travelling up canyon on Circle Drive one sees red slopes of the Chugwater whereas when one nears the divide to E the slopes are green and covered with trees and vegetation which grow on the NE exposures. Near the divide took photo 800809-5 of "Jenkins trench" which is a trench along the valley ridge of the Goose Egg formation. Erosion seems to be the deciding factor in its formation but more like due to faulting or slippage, actually it look more like a pit dug for road material or mine, excavation, just beyond photos 800809-6 and 800809-7 of valley near divide. Continued to divide, thence N. Circle drive produced 10 antelope on lower limits and 7 to divide. Descended mountain and on foothills 1/2 way to Casper on outer limit of home building noted 3 antelope.