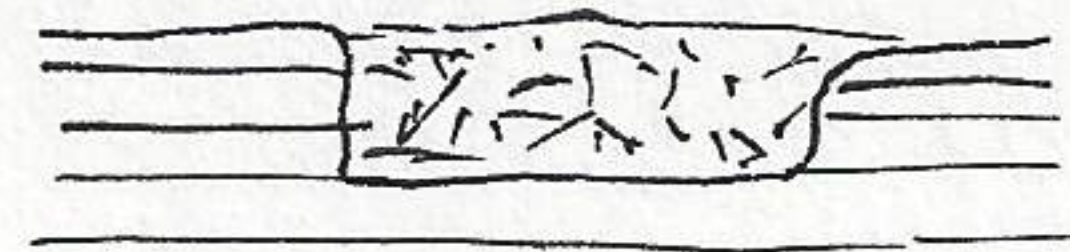


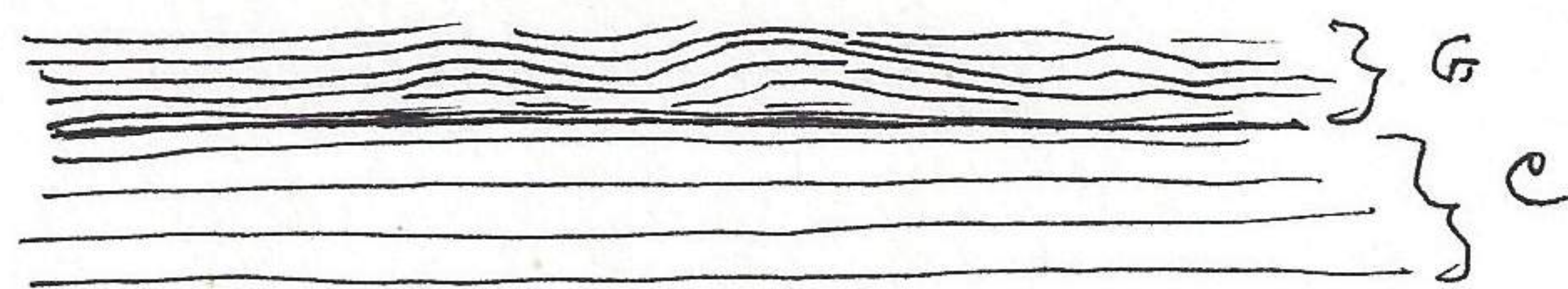
top of Comanchian Cretaceous

These may be old river channels.



also Gulfian above shows distortion whereas the massive layers of Comanchian are straight.

Gradually shrubs are increasing and dominating vegetation types.



Cresote, mesquite, live oak and light grayish sagebrush type.

030.9 W end of Pecos River Bridge. ^{Black Vulture} water greenish, stains of manganese ^{or iron} stain upper 1/3 of Cretaceous rocks (black) and progressively less stain to base. Some faces are entirely stained. Mockingbird at boat ramp. 035.2 back on main highway.

At Seminole headquarters noted black vulture (2) circling to W. This is the second positive evidence of black vulture and these in the Pecos - Seminole river area.

038.8 Seminole Canyon Bridge. 041.2 redtail, 045.2 redtail. 045.3 redtail. 050.7 from this vantage point scanned 380° for vultures, but did not see any. Loggerhead shrike here. Left 1:54 P.M. 066.0 E end Amistad Bridge. Lake low.

Amistad Lake, Val Verde County, Texas

Dec. 22, 1983.

Left and continued E of 90. 083.7 boat-tailed grackle. 085.4 Laughlin Air Base exit to right. 086.4 boat-tailed grackle, 6 meadowlarks. 087.9 sparrow hawk. Increase in live oak and especially mesquite. 091.4 middle Sycamore River bridge. 093.9 redtail. 095.7 sparrow hawk. 101.3 striped skunk road kill. 114.7 redtail. 120.5 first armadillo road kill. 120.8 Aransas Cr, dry. 126.4 3 mourning dove, m. dove. Mesquite getting taller & taller. 133.5 mockingbird. 135.4 25 black vultures in one dead tree approx 20' high, 2 shrikes. 139.5 4 meadowlarks. 143.0 sparrow hawk. 143.1 Nueces River. 146.2 marsh hawk. 147.1 sparrow hawk, 5 meadowlarks and 7 red-wing blackbirds, cardinal. 149.5 Cooks Slough in Uvalde. 156.2 sparrow hawk, 2 mourning doves, 165.4 killdeer. 173.5 Sabine. at 6:00 P.M. 195.7 2 miles E of Nondo for camp, abandoned.

2 1/2 mi. E Nondo, Highway 90, Texas

Dec 23, 1983

min temp 16°F. Redtail and 5 meadowlarks here. Left 7:51 A.M. 3-2-5 meadowlarks. 3 meadowlarks. 203.0 Sunday. 3 meadowlarks.