

On north side of river the Cottonwoods are 85% bare of leaves. 20% are green and 13% yellow. Willows at base of Cottonwoods are 50-50 green + yellow, still color separated but more dead leaves (brown) and more leafless than previous week. 1:00 redtail hawk circling above Cottonwoods but not calling. 1:13 Caping Point. 1:26 great blue heron left edge of bank just beyond Piracy Channel and flew π across river to alight at edge of river. 1:27 Piracy Channel and barrier across entrance. 1:30 mud Creek. 2:15 E end Piracy Channel. Spotted sandpiper left bank. 2:54 axis bend to left. 2 killdeer feeding quietly. 3:54 80 crows flew π across river and seemed to enjoy circular gyrations as a flock in the air. They called in flight. This is an unusual aggregation of crows for this area. 4:10 Eudora bridge. Today has been characterized by the steel blue reflection of water from cloud masses. no frogs noted. Because of the wind, it would have been difficult to have reached Linwood. no ducks noted.

Lawrence, Douglas Co., Kansas

nov. 14, 1968

Irregularity of heart beat from 5:30 to 7:00 PM. Every 8th to 10th beat missing. Occasionally a heavy strong beat followed by interval. Physical activity normal ^(preceding) today. The last irregularity was the evening of our arrival at Provo, Utah, Aug 15, 1968. This was of a more severe degree and duration (extremely irregular and about 1 1/2 deep) and resulted from fatigue of 1 1/2 long weeks of vigorous vacation activity.

Kaw River, Lawrence to Linwood, Douglas - Leavenworth Cos., Kansas

nov. 17, 1968

made canoe trip from bridge at Lawrence to R.R. bridge on Soldier Creek at Linwood. Chris accompanied me to Eudora and Annette from Eudora to Linwood. used electric motor for first time today. Left 10:00. wind moderate from π and interfered with course. air temp 43°F, water 44.5°F. 10:33 going under utility lines. Cottonwoods 99% bare, some dry colorless leaves. Willows like last trip but more brown + dead leaves and missing leaves. 10:35 drainage from right. 10:43 bank swallow nesting site on right side, no bank erosion. 11:10 Piracy Channel to right. no water flowing. 11:15 mud Creek. 11:30 passing E end Piracy Channel. 11:33 drainage from left. 11:50 axis of bend, 6 woodducks left base of high bank. Did not call.