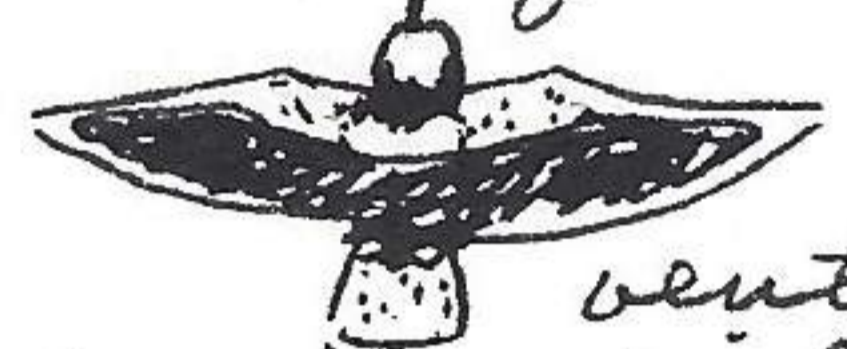


681020-157

How River, Leecompton to Lawrence, Douglas-Jefferson
Co., Kansas

Oct. 20, 1968

Made canoe trip from Leecompton Bridge to Lawrence Bridge. First half with Annette and second half with Chris, changing at eastern extension of road past Bruner N of Lakeview. Left 11:10. Day clear, cool and slight wind from SW. Will follow N side to Bruner. 11:20 2 Kingfishers. Crows calling from hills on S side river. 11:30 Large great blue heron left side of river, length of foot 180 mm. Carolina wren calling. These wren are singing more at this time of year than in spring. 11:56 great blue heron from N side. track measured 185 mm. 12:03 a ^{large} hawk (redtail) left top of cottonwood tree and circled to W. This bird seemed larger than a redtail and flew slightly different.  ventral side
This distribution of dark feathers was redtail-like. 12:30 Six bluewing teal and 1 shoveller on water. They left the N side and flew out into the center of the river, which at this time is receding from flood conditions and the water is from bank to bank. Crow have been calling from hillside to S. A large and smaller great blue heron left and are not the same ones as previously noted. 12:40 16 bluewing teal swimming out into middle of river. They finally flew upriver. 12:43 at point where river leaves the hillside and trends more to the N. 12:52 major drainage to left. This drainage has widened considerable since first observed years ago. Some trees had floated into bay during high waters. 12:55 2 American coots on bank approx. 1 foot above water. They remained although we passed within 18' of them. Usually they fly out onto water, paddle for 30-40 feet and then fly to middle of river. They were in the shade of an overhanging small tree. 1:13 Killdeer. 1:25 G. blue heron, could be one previously observed. Spotted sandpiper left bank. 1:32 pull into major drainage to left. 2 beaver left bank under dense protection of limbs & roots and entered water with considerable commotion. Two greenwing teal in ^{seclusion} of this drainage system. They left by flight after swimming.