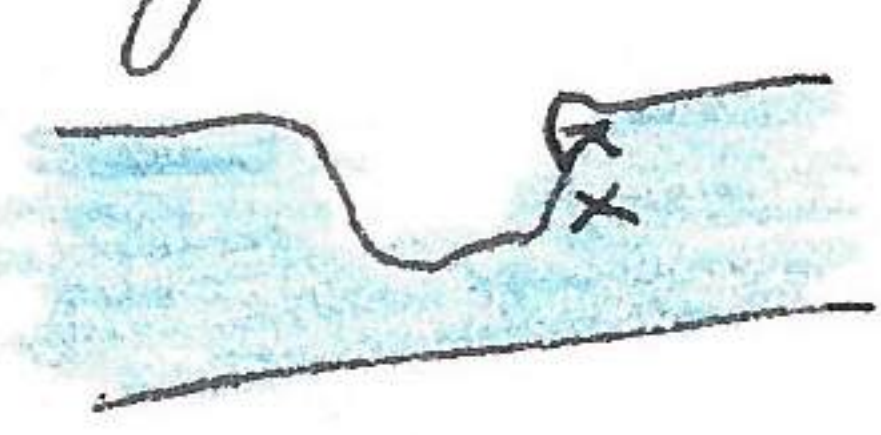


Kaw River, Douglas County, Kansas

67112-139

Nov. 12, 1967

made canoe trip on Kaw River from Lawrence bridge to de Soto Bridge. Will keep complete record of birds associated with river proper. Left 8:53 A.M. Compensated for canoe balance by putting equivalent weight in rocks in the front of the canoe so that the front end was slightly heavier than rear of canoe. Navigation is easy but one has less control in movement of canoe and especially going against current or wind. Sky overcast and fog. 8:53 great yellowlegs feeding in deep water beyond sandy beach. It would dash out in water deeper than legs would operate and then with a quick jab pick up material in the water. The object was about 1/4 inch or larger. 9:21 16 mourning doves sunning on south exposure of river on steep bank. beaver cutting sparse but all along N. side river so far. Crows calling to N. 4 blue jays so far. Also juncos, chickadees, all uncommon. 99% of leaves off <sup>large</sup> cottonwood trees with the few remaining leaves on tops of trees. 80% willows with leaves off and remaining leaves (greenish-yellow) on tops. Willows (small or young) on sand bars with most of leaves still on. 9:23 passing bubbling geyser from submerged pipes crossing river. 9:30 passing under utility lines. 4 crows calling to S. The air and water temperature were the same at 52°F (all temps in shade) 9:38 2 great blue herons ahead and feeding on lee of sand bar . Breeze variable from 7 mi. per hour to 0. 9:39 opposite major drainage to right across river. 9:45 killedeer. 5 crows to S and calling. yellow-shafted flicker, red-bellied woodpecker and starling add to list on riparian birds (these birds are not being recorded as complete census, just water & shorebirds and other water associated birds. except hawks, crows.) 9:56 sun broke thru clouds momentarily. Sighted American merganser in mud on bank. By beating its wings was able to free itself and moved to water <sup>1 foot away</sup> where I captured it. It was a male undergoing plumage change into winter. marsh hawk flew across river from W to E. 10:23 capsized point. 10:25 belted kingfisher left hole in sand bank. The hole was 3 feet from top of 15' sand cliff. It flew upwards into air and did not call at any time. (roosting hole approx. 30' W of lens of rock conglomerate in sand bank). There