

The ducks were oriented according to <sup>habit, the mallards and</sup> gadwalls in upper ends of bay while the scaup, canvas backs & redheads in more open waters of bay. The bufflehead was the only duck in small headwater channels. Coats associated with trollers and the bufflehead either with coats or lesser scaup. One great blue heron fished successfully. This bird was extremely light colored. An imbred ruddy left edge of lake and swam in full view for 30' and then submerged for 38 seconds to place him well out into lake. A female bufflehead in channel about 150' farther up same channel as noted yesterday and as on previous occasion swam down channel for a hundred feet or so and then returned up stream again. Birds observed not observed yesterday were titmouse, mockingbird, cooper hawk, great blue heron. Wind to white caps in A.M but subsided by 1 o'clock and by 3 P.M changed from WSW to NE. Temp. <sup>sky clear</sup> approx. 60°F. It would be of value to correlate natural movements with wind velocity (Example. height + width of waves, bending of certain species of grasses etc.) A comparison of numbers of ducks of last 3 days observations are as follows:

	<u>Nov 24</u>	<u>Nov 25</u>	<u>Dec 2</u>
Lesser scaup	92	128	80
greater scaup	0	2	5
redhead	3	7	6
canvas back	2	5	4
ruddy	4	7	9
bufflehead	3	3	0
gadwall	3	40	43
mallard	0	14	97
ringnecked	0	2	0
haldpate	0	8	7
coat	121	78	52
horned grebe	0	2	1
red bill grebe	2	0	1
	<u>230</u>	<u>296</u>	<u>305</u>

Sperogyra in some areas completely covering floor of lake including sinking logs etc. It does not form covering on surface of water as it does in other times of the year.

Kaw River, Leecompton to Lawrence, Kansas (Jefferson & Douglas Co.)

(INSERT)

(solo) Nov. 24, 1967 (should follow Nov. 23, 1967)  
 Made canoe trip from Leecompton bridge to Lawrence bridge. Left 8:45 A.M. Air + water both 40°F. Sky clear now but overcast earlier. Slight wind from W. blowing directly down river channel. 5 beaver trails in first 1/10 mi on left. all to corn fields. Will keep on left side of river all the way. 8:50 18 mourning doves on bank in low in trees. This is the usual position in morning. Country side quiet. Flicker call only. 8:57 2 crows to 5. Blue jay + night call. 9:05 flicker crossed river and deviated to check house. Few juncos on bank, bluebird calling + 6 goldfinch. Complete census of water birds and large birds only (crows, hawks, ducks, herons etc). 9:12 wind