

Temperatures all day between 40°-42° F.

8:45 James R killed a crow, (601030-1) along side of river directly across river from City refuge area. It measured:

It was one of 2 crows and 400 starting. as the crow left the refuge area, the starling formed a close flock. Approx 40 of the starling left flock and accompanied the 2 crows across the river. While James R was stalking the crows, one sparrow hawk arrived and harassed the birds. One blue jay also come to the area. When the crow was shot the calling stopped and a kingfisher then arrived to investigate. These crows certainly demand attention by a great variety of birds.

9:20 first flock of goldfinch flew by calling.

9:25 2 killdeer, crows calling

9:35 small sparrows along bank

9:35 1 kingfisher

10:00 fork of river (took N course), goldfinch & crows calling
 nine crows flew west, high and calling. Crickets calling along river in grass above mud bank. These crickets called the entire trip wherever grasses found.
 Colors of autumn leaves: willows along river bank with yellow but predominantly green - some still all green - others with considerable yellow. Cottonwoods 60% yellow and some tree with most of leave gone or losing leaves.

11:00 yellow billed cuckoo collected in willows along bank (601030-2) save brain tissue only. When it fell into the water it called continuously and with head & beak held upright, swam 15 feet to the edge of the river. When approached, it called vigorously but did not strike when picked up from the water.

11:05 started to rain - cold and windy, 2 killdeer, one *Peromyscus* caught in debris at water edge attempted to climb bank of river and failing 3 times took refuge in hole in the bank. One spruce goose which had been killed and drifted to edge of river.

12:30 Arrived at Eudora bridge, still raining. No ducks in last four trips.