

3:10 Loggerhead shrike left perch on dead tree limb and flew low over plowed field to opposite side.

3:15 Beaver cuttings along river.

3:25 Collected 1 of 2 downy woodpeckers (601231-8) from dense tree growth (40' high) in river bottom. Few raccoon tracks. Gopher diggings in field.

4:10 yellow shafted flicker + 2 b.c. chickadees.

4:30 Collected one hairy woodpecker (601231-9) from edge of Kaw in dense tree growth.

4:40 Arrived at Eudora bridge. 4 starling in trees at edge and 6 English Sparrows + 4 pigeons on bridge. Kaw River is clear of ice the entire route from Lawrence to Eudora. Frozen above dam at Lawrence.

Measurements of birds collected today:

- (601231-1) Certhia familiaris, t.L. 135 mm, 8.5 gms; ♀.
- (601231-2) Parus atricapillus, t.L. 135 mm; 12 gms, testes 1 mm; ♂
- (601231-3) Certhia familiaris, t.L. 145 mm, 9 gms, ♂
- (601231-4) Junco hyemalis, t.L. 165 mm, 20 gms, ♂.
- (601231-5) Centurus carolinus, t.L. 265 mm, 84 gms, ovary 7 mm, ♀
- (601231-6) Parus atricapillus, t.L. 140 mm, 13 gms, testes 1 1/2 mm, ♂.
- (601231-7) Melanerpes erythrocephalus, t.L. 252 mm, 82 gms, ♀
secondaries with 2 rows of dots and head with approx 30 small red feathers mixed in with darker feathers. Juvenile.
- (601231-8) Dendrocopus pubescens, t.L. 117 mm, 26.5 gms, egg mass 1 mm.
- (601231-9) Dendrocopus villosus, t.L. 235 mm, 71 gms, testes 2 3/4 mm.