

point 5 of Skull (2 conifer tree knoll), ^{thence} straight E past the Boy Scout camp near the Peterson Farm. Started from Skull 2:06 at mileage 58.3. Temp 10° F. Day clear. 58.9 2 juncos, 59.9 2 tree sparrows. 60.1 2 tree sparrows. 60.5 (conifer knoll, now to E). 61.5 40 tree sparrows feeding in short native grass. 61.6 4 crows. 62.4 3 crows; 5 meadowlarks. 62.6 Deer Creek. 63.4 meadowlark 63.5 yellow-shafted flicker. 63.8 Coon Creek 35 tree sparrows 64.2 Clifford Coffman. sparrow hawk. 64.9 Boy Scout bridge 65.0 8 meadowlarks. 65.3 old house on ridge. towhee, 2 juncos, 1 song sparrow at house. 65.5 now to S past Petersons. 65.7 4 tree sparrows. 66.0 Rattlesnake Point. 67.0 now to E. American roughleg hunting in lowlands redtail on ridge to N, 67.2 2 meadowlarks. 68.2 N end dam. 68.5 Marsh hawk, hunted in field to N and after 5 dives in 3 minutes left to E and flew down riparian growth. Another marsh hawk in field to S feeding on mouse. 68.7 bridge. red-bellied woodpecker. 68.8 sparrow hawk 68.9 mourning dove. 69.0 18 mourning doves in cattle feeding yard; difficult to see on ground. 69.3 4 blue jays. 69.4 25 cowbirds. 69.5 song sparrow. 69.6 now to E. 69.7 12 juncos. 69.8 tree sparrow. 70.0 2 crows, 4 goldfinch, 2 juncos, 5 meadowlarks. 70.1 Sigel school. On way home about 2 mi. E of Sigel noted 50 tree sparrows + 30 juncos in one flock and another flock a mile beyond of 18 tree sparrows. Both flocks in open weed field. at Girl Scout camp road noted a marsh hawk.

Summary of birds observed:

juncos 2-2-12-2-
 tree sparrow 2-2-40-35-4-1-
 Crows 3-2-
 meadowlarks 5-1-8-2-5-
 yellow-shafted flicker 1-
 sparrow hawk -1-1-
 towhee 1-
 song sparrow 1-5-
 American roughleg 1-
 redtail hawk 1-
 marsh hawk 1-1-

red-bellied woodpecker 1
 mourning dove 1-18-
 blue jay 4-
 cowbird 25-
 goldfinch 4-
 not in research area but between Sigel & Lawrence.
 tree sparrows 50
 juncos 30
 tree sparrows 18.