

This A.M. 4 ♀ and 1 ♂ redwing blackbirds feed for 1 1/2 hrs at feeder. One meadowlark returned, no white crown sparrow, Cowbirds still in area. Cloudy this morning but clear this afternoon. Temp. at 1:00 P.M. = ^{wind from S.} 24°F. Observed one male Eng. sparrow chase all other Eng. sparrows from feeder and maintained dominance for at least 3 minutes. The greatest aerial flight display was with a female. It did not challenge starlings. Harris sparrow periodically at feeder. many Eng sparrows & starling dusted in friable soils exposed by wind. Even when temperature were - 9 Eng sparrows dusted.

Clinton Reservoir, Douglas Co., Kansas

Jan. 16, 1979

at 8:30 A.M. observed a sparrow hawk capture a tree sparrow. While driving S on Lone Star road 3/10 mi. N of turnoff road to S end dam a sparrow hawk was noted flying parallel to car some 80' off road. It continued S at same speed as car (30 R.P.M.) at about 5 feet above the ground and after 2/10 miles dropped into a drive way and captured one of 5 tree sparrows. It adjusted its prey in claws and then flew back in same direction as it came. Continued to W S end dam but drifts were so high near top of hill that snow plows were unable to clear. Lake frozen and covered with snow.

402 Yorkshire Dr. Lawrence, Douglas Co., Kansas

Jan 17, 1979

This morning correlated arrival time of birds to feeder with time and light intensity (weston exposure meter). ^(sky readings) at 6:50 daybreak, 3/4 moon, Temp 12°F, no wind, snow covered all ground. Light .2. 7:00 light .4. 7:07 first bird (tree sparrow), light .6. 7:08 second tree sparrow. 7:10 light .6, first tree sparrow left. 7:13 slate-colored junco. 7:13:30 tree sparrow at light .8. 7:14 tree sparrow. 7:15 tree sparrow, Harris sparrow. 7:16 meadowlark, light 1.0. 7:20 light 1.6. 7:21 first Eng. sparrow. 7:23 light 1.6 - 3.2 (between), 4 more Eng sparrow. These sparrows stretched and preen feathers as if just out of roosting areas. 7:25 cardinal ♂ at light 3.2. Birds at the feeder now are: 8 Eng sparrows, Cardinal, meadowlark, 6 tree sparrows, 2 juncos, Harris sparrow. 7:30 clouds pink tinted to east, light 6.5, 2/3 of ^{usual} full complement at feeder. Eng. sparrows arrive as singles, twos or threes and from different directions. Birds feeding on ground rather than on top of feeder. 7:35 light 13. 30 Eng sparrows now at feeder, some adjustment in numbers. meadowlark prefers mels. 7:40 light 25. 2 starling & bluejay arrive separately, when birds temporarily leave feeder all go except meadowlark.