

Lawrence, Douglas Co., Kansas

Oct 1, 1969

noted migration of nighthawks from 1620 T. sun. These birds were distributed from at least the E end of mt. Oread to as far E as I could see with 10x binoculars which represented a distance covering the wooded section of the city. At any one time could see 7 or 8 birds, some 200 or so feet apart, others 2/10 mile apart. They were all moving S and with the least amount of feeding. They would beat wings 3 or 4 times and then sail for 4 or 5 seconds. Time 5:20 P.M. to 5:50 P.M. First noted at 5:20 but <sup>they</sup> could have been in air previous to that time.

Lone Star Lake, Douglas Co., Kansas

Oct. 1, 1969

at late twilight, 2 groups of nighthawks (one group of 12 and one of 30) flew S across dam. They were of one group and distributed evenly across the full extent of the dam. Groups separated by 10 minutes. A great blue heron arrived from N at about same time and as it passed over dam lowered hind feet and gradually circled downward to within 15' of water but they left and again bring feet to a horizontal position. Neck held curved at all times. I have on previous occasions observed herons with neck fully extended upon approach to landing area. 2 wood ducks flew S at late twilight.

[see opposite page for Oct. 3, 1969]

Univ. Kansas Campus, Lawrence, Douglas Co., Kansas

Oct 4, 1969

Group 13 robins, one singing, 2 scolding and several with call of 5 or 6 abrupt notes.

Oct 6, 1969

First cold wave of autumn and a few trees with leaves turning yellow, some indication of reds. There has been considerable wind associated with this cold wave but this year has been characterized by lack of drying effect on leaves. One noticeable effect of the wind was the release of dead pine needles (especially white pine) and dead cones. Some pine trees produced an inch of dead needles on ground.