

meadowlarks, grackles, redwings, Cowbirds. At the lake, noted 9 turkey vultures circling at S end of lake, 7 willet flying around lake and calling as searching for a place to land. They must have circled (10' to 100' above water) for 15 minutes and covered the NW part of lake. 79 lesser scaup ducks formed a raft in center of lake near dam. 33 were males and 46 were females. In counting in linear aspect did not count over 5 females before intercepting a male nor were there ever more than 3 males without separated by females. 2 shovellers and 1 coot were in this group. 12 coot formed another group. 1 pied-billed grebe at NW part of lake in essentially the same position as noted on last trip. Barn swallows come to water ^{to} feed for about 20 minutes at sundown. 3 spotted sandpipers and a killedeer were also noted at NW part of lake.

Douglas Co. State Lake, Douglas Co., Kansas
 May 13, 1967

Checked the lake in late afternoon and noted 18 black tern, 2 pied-billed grebes, 2 green herons, 1 gadwall in flock of 13 coots, 1 spotted sandpiper, 2 killedeer, barn swallows, chimney swifts. These birds were all observed ^{from} at the SW end of the dam. The barn swallows fed continuously along east side of dam while the chimney swift arrived and after drinking left the area. The killedeer & spotted sandpiper call at late twilight for the first time. Driftwood was collected at one angle of the dam and indicated influence of water circulation at the angle of the dam. I have observed that dyes also react the same way in that the surface waves move the water to the dam and then the water moves along the greater angle of the dam until it arrives at the bend of the dam where the water then moves down to greater depths and returns counter flow into the lake. Six godwits (?) left area at twilight as did one green heron. The bluegill and green sunfish most common species along dam. Collected the following insects near the water and in the deciduous forests surrounding lake (see opposite page)

