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between chin and base of tail, tail could be banded but not red, a smaller hawk than the redtail. Another one was flying toward hillside to S and 200' from the bird pitching. ^{4 redwings attacked this hawk.} Two redtails circling on ridge directly S. From here can see 8 turkey vultures in 150° angle above ridge and circling (1-2-2-3). 2 dickcissels, 2 mourning doves, nest of 2 young Cottontails at bridge. Now returning to car. Fox tracks in clay. 2 grasshopper sparrows one with insects in mouth for young. The grasshopper sparrow is characterized by unstreaked breast, extension posteriorly of whitish eye streak and 3-4 dark lines against light back near neck. The dog approached the sparrow and the sparrow flew into the grass 10' away. The dog flushed the sparrow which returned to original position, then left & flew around me to return to the same area, all the time carrying the insects in its mouth. No calls. At 1/2 hr before sunset birds more active in song. 8:25 back to car. Sundown 8:35 P.M. On hill where barrier is placed is a layer of conglomerates not found in valley proper. 38.7 middle of Clinton. 397 g. h. owl flying across open field. meadowlarks, grackles, g.c. flycatcher most active but 40.3 Wabarusia bridge. 41.3 Coon Creek at 8:48. meadowlark, grackles, robin most active. Great crested flycatcher one of the last birds to call. 42.8 school house on Peterson road at 8:55 P.M. At 9:00 P.M. all birds inactive except 5 cowbirds and on g.c. flycatcher. Home at 51.4. at 9:15 P.M.

Clinton Reservoir (proposed), Douglas Co., Kansas

May 27, 1974

and Rock Creek valley

Surveyed S side of valley of the Wabarusia, from S end of dam to bridge ^{over Rock Creek} S of Clinton. Left base of NE ridge at 10:25^{A.M.} (W of Banning Corners). Day clear, hazy, wind from S., some clouds moving in from north on horizon. Day cool. Will make complete list of all birds and mammals. From marshlands to E can hear ⁴ redwing blackbirds, ² meadowlark and ² grackles. At base of hill NE extension can hear 2 chipping sparrow, ² cardinal, 2 redtails soaring at top of ridge. 10:30 Top of terminal NE ridge. red-eyed vireo, cardinal, Cardinal, Cardinal, house wren, field sparrow, eastern wood pewee, unusual amount of Sphagnum on N exposures.