

Wakarusa River, Clinton Reservoir, Douglas Co., Kansas

June 18, 1978.

James K, Debbie and I made canoe trip up Wakarusa River from old bridge N of Clinton. Left 9:30. at mouth of Deer Creek ran into a heavy concentration of butterflies *Asterocampa celtis* (B & Lee), hackberry empress. This butterfly is from 2 to 2 1/4 inches wingspread with wings light (faded) brown. Front wings have mostly light or clear spots from the middle of the wings to the margin, while hind wings have the brown spots of various sizes. at one time there were 35 individuals on the canoe, 200 per 50 feet in air, logs completely covered with the butterflies. They alighted and covered our head and shoulders. Also observed 2 wood ducks, 2 great blue herons, 1 green heron. The butterflies were localized on river (1/10 mile concentrated, few before and beyond.

Clinton Reservoir, Douglas Co., Kansas

July 2, 1978

made canoe trip on Wakarusa River from old bridge N Clinton, to most distant projection of land NE Bloomington between Rock Creek and Wakarusa valley. Left home (462 Yorkshire Str.) at mileage 318.8 at 8:20 A.M. after 25 minute loading of canoe and equipment. 20 minutes to put in at old bridge over Wakarusa N of Clinton. Left on canoe 9:00 A.M. Will keep complete list of animals. Both air and water temp 80°F, no clouds. Redwing blackbird chased yellow-billed cuckoo, redwing, duckcussel, 2 redwings, redwing, duckcussel, 3 redwings, 3 redwings, 2 redwings, redwing, 3 redwings, 2 redwings, 3 redwings, duckcussel, redwing. 9:30 mouth of Coon Creek, 8 grackles at mouth, great blue heron left Coon Cr. and was chased by redwing but the heron did not react to near contact several times, 5 redwings, gentle breeze from E. Redwing, cowbird, 2 redwings, redwing, 2 redwings. 9:40 embayment along hillside, bobwhite, barn swallow, yellow-billed cuckoo flew S across valley. 3 redwings, redwing, 2 redwings chased grackle. 9:50 Petersons pond or lake (now drained and being modified for swimming area. Weeds beginning to grow in mountain of sand brought in for beach, 3 crows. 10:53 beginning trees along river in valley (first island of trees), great blue heron, 2 red-headed woodpeckers at old tree (dead), black-capped chickadee, brown thrasher, 15 grackles one group, yellow-billed cuckoo, 2 red-headed woodpeckers, great blue heron chased by redwing and flinched and called all along the chase.