

Wakarusa River, NE Clinton, Douglas Co., Kansas

Sept 18, 1966

Collected population of uniconid molluscs on Wakarusa River this ^{3:00} P.M. Enroute observed the following: mileage at S end of proposed dam of Clinton Reservoir 39.0. Red-tail hawk circling above point to S; 29.8 2 meadow larks; 29.9 *Sagmodon* ran across road (Public Health Official claims that *Sagmodon* most numerous this year than at any other time, more children have been bitten this year by these mice than ever recorded from Lawrence); 29.9 meadowlark; 40.2 Rock Creek; 40.6 now to N at Collins corners; 40.8 meadowlark; 42.0 bridge over Wakarusa River, now to W; 42.4 meadowlark; 43.0 English sparrows (8); 44.1 now to S to Wakarusa River arroyo at mileage 44.4.

Collected the entire population of uniconids from the river (exposed surfaces). This area (abrupt bend at 4 sycamores) is approx 2400' N and 100' W of the SE corner of sec 14, R18E, T13S. Rock barriers (natural) separated the deeper pools. Approx. 3 gal per second flow. Rocks up to 6 inches in diameter S beyond bend, some

at bend up to 1 1/2 feet in diameter. many half buried stumps in water which are covered when water at near normal level.

At bend the river channel is wide from erosion action during high flood periods. Beyond the last ripples of 75' there was fewer rock barriers. many live uniconids from rapids where water flowed over the ^{small} rocks. It

would be of value to test the amount of water flowing at different parts of the river course to test for difference of evaporation etc.

