

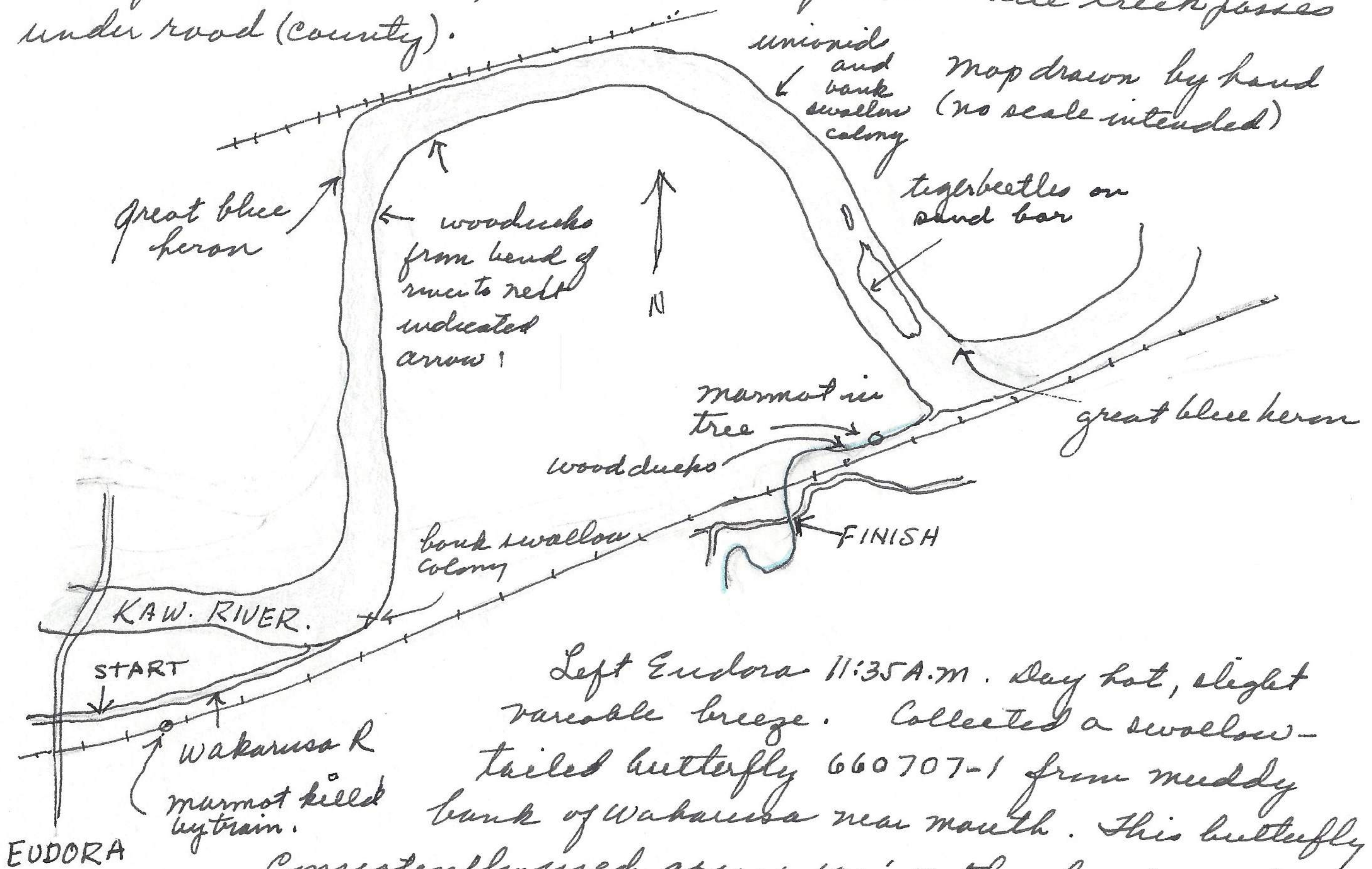
680701-96
Collected the following insects from this quarry:

- 680701-1 _____ brown butterfly
- 680701-2 _____ small brown & yellow butterfly
- 680701-3 _____ alfalfa butterfly
- 680701-4 _____ dark black (small) butterfly
- 680701-5 _____ tick

Kaw River, Eudora to Captain Creek, Douglas, Johnson and Leavenworth Cos., Kansas

July 6, 1968

Caroline Malseed and I made canoe trip down Kaw River from a point on the Wakarusa River below bridge N of Eudora to a point on the Captain Creek at point where creek passes under road (county).



Left Eudora 11:35 A.M. Day hot, slight variable breeze. Collected a swallow-tailed butterfly 660707-1 from muddy bank of Wakarusa near mouth. This butterfly consistently used approx 100' of this bank and remained in same area for 10 minutes until captured. at (12:00) curae of river (Kaw) counted 185 bank swallow nests. 40 ^{adult} birds in air
12:38 ♀ wood duck and 8 young 1/2 size and capable of moving on water with feet & wings. They moved down stream for approx 2/10 mile and then entered vegetation on land at which time the ♀ moved out away from the bank to center of river and then flew to opposite side of river beyond. As soon as the young left the water she moved away from the area. Airtemp 86°F, water 80°F
From bank of clay at water edge collected the following unionids: