

680706-2 *Quadrula quadrula*. ^{raw and chalky} 680706-2b and also 680706-2c.
680706-3 " " (pair of shells)
680706-3a *Legumia recta latissima*.
680706-4 *Proptera alata*. (see next page)

These shells were from clay below sand cliffs and may be of Pleistocene age. No. 680706-4c *Quadrula quadrula* + recent at base of cliff

From large sand island collected the following series of *Crematogaster*: 680706-5 to 680706-13. They were on damp beech and damp to dry exposures of sands but rarely on hot exposures of pure sand. They leave ground and fly close to surface which makes capture difficult. Those on beach fly out over water & return, or up beach, or onto drier sands beyond beach. A diptera from this area 680706-14

Arrived mouth Captain Creek 2:45. At a point where large rock is in water of creek on S side, noted an adult ^(1/2 grown) *Marmota flaviventris*, in a blackwillow tree. It was 14 up in tree on a branch over water. From its position facing E over water it remained motionless until we pushed canoe directly below, at which time it descended on the inclined limb and then vigorously ran landward into the vegetation. 150' beyond in creek (up creek) were 6 young wooducks & an adult ♀. They swam up creek for approx 2/10 mile and then disappeared onto land & vegetation. Some times the female would fly certain section of the creek. At the bridge (county road) collected one buckeye butterfly 680706-15 from edge of creek in a dry retreat. Left bridge at 3:40 after having arrived at 3:30 and arrived car at Eudora (approx 2 1/2 miles along track) at 4:20 to return to bridge to pick up canoe.

Some observations of the trip along Kaw are:

2 turkey vultures. They are forced to use wings when winds are absent.

No redtails observed along river but one at bridge at Captain Creek. 3 pelliceers only, 2 of which were on sand bar W of the area where *Umanids* were collected.

7 spotted sandpipers (2 pairs & 1 of 3) along Kaw. 5 on Captain Creek.

Natrix generally around trees that have fallen into river. One measured approx. 3' long and 1 1/2" in diameter.

Turtles (soft shell) about 1 per 75' of river. Head about size of thumb. Other turtles with head about size dollar.