

Portaged canoe. 3:15 bridge N Eudora. dead skunk in river. Baltimore oriole singing. Eudora sewage effluent. a fisherman said gars are breeding. Below here the green algae is increasing. Eastern Kingbird and great crested flycatcher. Black willow ^{and cottonwoods} more common as we approach the Kaw River. Estimated 60 long-nosed gars in about 300' of river approx. 2/10 mile up Wakarusa from junction of Kaw River. Beyond this point they became generally distributed. The largest was approx. 30". Most of them were oriented with anterior end pointed down stream. Spotted sandpiper flew across river. water temp 85°F, air 88°F (in all temps, the reading is always in shade.) in Kaw River which we entered at 3:52 P.M. many Baltimore orioles in large Cottonwoods and more than along Wakarusa. Wind from NE at about 15 MPR. 4:00 Bank swallow colony of about 180 nests. Spoonbill? Great Blue heron. Current speed approx 3 MPR. Killdeer, Muskrat. 4:38 apex of meander at N end. Yellow-billed Cuckoo flew across river. 4:58 beaver in bank house. yellow-throat singing. 4:59 Now SE. Passing anticlines & synclines. 2-horned larks flew over river. Warbling vireo. At log jam were redwings, grackles and cowbirds. Redwings increasing. 5:25 Arched bridge just beyond Captain Creek. Water about 1 foot below apron of bridge.

Univ. Kansas, Lawrence, Douglas Co., Kansas

July 22, 1970

(Egyptian Spiny mice)

Prepared 2 adult (♂ + ♀) Alomys _____ and recorded the reproductive information accumulated so far.

700722-1 Alomys calirhinus ♂

700722-2 " " ♀

Presented to me by Clark, Director of Topcha Zoo in March of 1970. They were specimens used by E. P. Walker in his mammals of the world. Walker preferred live specimens for photographing. From this pair of animals the following young were produced:

April 3 2 young born (Removed from parents May 1)

May 12 1 young born (Removed from cage June 12)

May 13 Adults copulated.

June 20 2 young born

The periods of gestation of ^{each two} three sets of young are: 39 days, 38 days,