

1970-77

700606-77

	2:00	2:40	2:54	3:15	3:40	4:10	5:30	6:00	6:08	6:20	6:26	6:30
orchard oriole					2							2
y. b. cuckoo					1		1				1	3
yellowthroat					1							1
redtail					1							1
starling							5			6		11
red-b. woodp.							1					1
bluebird, e.								3	1			4
bobwhite									1			1
killdeer									1			1
	52	118	26	98	30	7	34	9	17	16	4	
41 species												TOTAL 410

Lawrence, Intake City Waterworks, Douglas Co., Kansas
 June 9, 1970

Checked edaphic riparian climax of cottonwood bordering river and Santa Fe railroad tracks. Most conspicuous feature is the undisturbed condition so near the city. I know of no other area of equivalent condition between LeCompton and De Sota. There is a surprising number of robins and grackles in this community and a relatively few kinds or numbers of other birds. The dog jumped into a creek bottom filled with mud from recent flooding and required help for extraction. These deep muds may be important traps for large and small mammals.

June 13, 1970

checked riparian community as above at 5:00 P.M. to 7:00 P.M. In the edaphic climax noted only grackles, robins, great crested flycatcher and blue jay. In the cut-over area were the usual birds including Baltimore oriole, warbling vireo, indigo bunting, mourning dove, chickadee, pewee, robin, Eng. sparrow, cardinal and titmouse. while observing a female yellow-billed cuckoo at 50' with 10x50 binoculars, a male arrived, courted the female and then copulated. The male alighted first on the horizontal limb, then immediately mounted the female, both birds on a horizontal axis. The female reacted with vibrating wings. This position and behaviour was maintained for 8 seconds and then the