

12:10 highway bridge across Waharusa. Eng sparrows only birds at this busy crossing. 12:10 cardinal. 12:11 g. horned owl left trees and flew down river and alighted in tree overhanging river. 3 robins attacked the owl. Titmouse, 2 cowbirds, Baltimore Oriole, house wren. 12:15 2 robins, 6 grackles, cowbird, redwing, brown thrasher. 12:18 great crested fly. Beaver have eaten bark from cottonwood that tk had eroded into stream since April 23. 12:21 Baltimore Oriole, 3 bluejays. 12:21 Carolina wren, cardinal, 2 robin. The maple is the dominant tree along edge of river. 12:26 Railroad bridge. Baltimore Oriole, 3 robins, 2 phoebe. 12:29 Baltimore Oriole, cardinal. Old bridge piling have formed a barrier, catching debris. 12:33 Baltimore Oriole, redbellied woodpecker, Titmouse. 12:42 Cowbird, cardinal, 3 grackles. small natrix swimming across river, one large adult approx. 60' beyond. The adult was working ^{in water} among branches of a fallen tree and when approached it surfaced and expanded body and then with a quick jump forward dove under water. 12:50 downy woodpecker, Eng. sparrow, green heron. 12:53 Baltimore Oriole. 12:56 bridge w of Eudora. 8 goldfinch in top of tree, 3 bluejays, 2 chickadees. 4 grackles, Baltimore Oriole. 12:58 30 English sparrows at wood or sectioned tree dump. also one mourning dove and 4 ♂ redwing blackbirds. 1:08 Eudora sewage, Titmouse, redheaded woodpecker, Natrix in water, 3 grackles. 1:12 first large bullfrog (5 inches body). It was lifted from mud & water at edge of river and only after about 10 seconds did it jump from puddle. Kingfisher flying high. The two Kingfishers noted so far have been flying high. 1:20 2 cardinals. 1:23 ♂ woodcock. It flew down river into Kaw. Titmouse, chickadee & Baltimore Oriole. 2 large flat turtles. There has been other turtle activity in lower reaches of the river. 1:30 2 spotted sandpepers. 1:32 Baltimore Oriole. Arrived mouth of Kaw River at 1:35 and because of strong NE wind, landed to N side of Kaw and stopped on ^{head of} high sand cliff (1:40) for lunch. At this point collected 2 toads. nos 680504-12 and 680504-13. They were within 3 feet of each other and were the only toads along 200 of edge of river examined. They jumped into water and immediately swam to shore and unlike frogs, gained sand bank instead of remaining in the water. Left 2:20 with strong wind. 2:30 first duckcissel of season. It was singing from a tree on right bank just before large single tree on same bank. Fought wind to N curved and then by following on N side river were free of wind. Utely lines crossing river in middle of bend at 3:15. 3:17 railroad bridge ^{and drainage} to left. 3:20 Coot left bank, flew out into river and return to bank some 200' down river on same side. 3:28 3 sandwing.