

aggregate of beetles. Just beyond the above 4 groups are 15 groups (300-500 beetles each) in 200' of river length. Butterflies uncommon but occasionally a Colorado Anglewing type kind observed. 11:33 2 bluejays. 11:38 now crossing red line on topo map, just before next meander turn to W. The water beetles are still in river and about same intensity at least to red line and will check beyond. No fish feeding on these beetles. 11:43 apex of bend, now straight S. Cottonwood felled by beaver into water (^{leaves still green} 18" diameter). 5 trees in same area have been cut by beavers. At this bend extensive log jam (200' long, bank to bank). 12:55 now thru log jam. Log jam is at mouth of a creek, that comes in from the N end of the N-S stretch, just before curve. In vicinity of the 870' marker on map. Bluejay. morning lights are best for photographing river. 1:00 P.M. 2 bluejays. There is more water beetles below the log jam than above it. 1:08 great blue heron, 6 wood ducks. Turtle with head out of water. After crossing log jam and beyond must revise my above statement and say there are ~~was~~ many beetles above the log jam as below. There must be millions of these beetles. Temp. 78°F in sun. Downy woodpecker, yellow-shafted flicker giving the summer call. 1:16 2 flickers and one red-bellied woodpecker flew down river in one group. Blue heron first seen has been dislodged 5 times as I proceeded up river. (up to 1:30). Red-bellied woodpecker. 84°F in sun. 1:32 on westernmost pair of adjoining hairpins, now going E. 2 bluejays. considerable beaver activity along bank. 1 bank house. 1:45 now E end of opposing hairpin meanders. 1:50 ♀ raccoon and 3 ^{3/5 size adult} young working on mud bank. This is just beyond apex of E hairpin curve (meander) ^{12' away}. 200' beyond beaver cut 3 black willow trees, one clear across river. River becoming coated with a green skum now for first time occupying entire river from bank to bank, prior on one side only. No beetles in this area, bluejay. 2:00 3 redheaded woodpecker on high dead tree. 2 bluejays, 2 more redheaded woodpeckers, 2 yellow-shafted flickers, 2:12 great blue heron in lateral drainage. 2:13 new Corps of Engineer road over river. Bullfrog captured and ate smaller frogs of another species. Sun under cloud. 3 crows 2:17 redtail hawk. 3 bluejays. Some white flowered Polygonium on bank here that is 8 feet high (Polygonium). Not much along river. The above 4 feet from water and 2 feet high on bank. 2:25 great horned owl left trees and flew up river. Turkey vulture overhead.