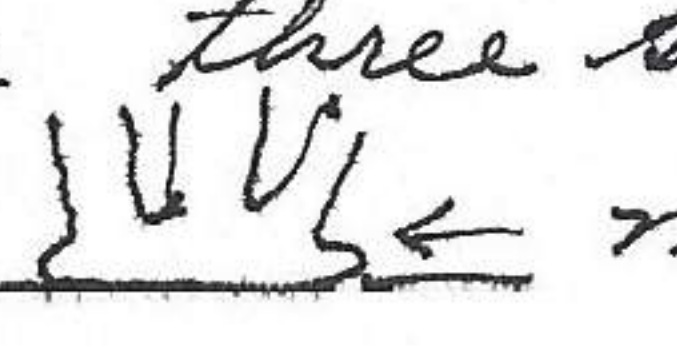


approx 1/10 mi. S is good cascades of creek that enters Rock Creek from the west, bluejay. moles have been observed along most of the route and are common in forest along bank, 2 crows, bluejay, 2 yellow warblers. no deer or raccoon tracks along river. 12:50 first riffle since cascades mentioned above, 3 bluewing teal left creek. 1:52 series riffles to bend and big tree. Stinging nettle 3 feet high. <sup>dead.</sup> Cottonwood along river 3'4' diameter, upper branches gone. mourning dove. 12:57 drainage from corn field near green field. 12:59 begin green field & creek to N, high soil bank SE side meander turn. Crow. 1:05 dead cottonwood 12' in cir., house wren. 1:07 N meander, 35' high dirt bank, Hackberry 12' cir. <sup>OF</sup> 35' high sycamore. Frogs average 1 per 200', in loves groups of 4-6. 1:08 hillside leading to N, bluejay, red-headed woodpecker. 1:16 drainage just before river to N. titmouse. 1:18 contact with hillside and drainage 1 ft per 3 sec. secondary drainage to E dry, cardinal, deer trails concentrated where creek parallels steep bank, usually up over top of bank. 1:21 highest bank on creek system, some slate collected at bottom of slope. 1:25 field. 1:28 Co. bridge. 1:30 drainage, no water, 2 black & white swallowtail butterflies (zebra), cardinal, 3 song sparrows and 2 Lincoln sparrows in brush pile area, red-headed woodpecker. 1:28 Corps Eng marker A. 7.14-18 E, 1975, cardinal. 1:40 Cottonwood 13'8" cir. (dead), several large oaks and sycamore in field that had been cleared of all smaller trees and now grown to grass, skunk odor, 1:43 drainage from E end of above field (which is a creek bottom), red-headed woodpecker. Sycamore just beyond <sup>(100ft)</sup> 10'3" cir. Corps Eng fence just beyond trends S up hill, red-headed woodpecker. 1:50 bluejay. 1:51 G.B. Heron. 1:52 three sycamore trees from one <sup>continuous</sup> base 21 feet circumference.  measurement of base, largest of the three trunks 11' cir., all alive. 1:53 solitary sandpiper left log in creek, flew 50' with a call, alighted on limb of another tree in the water. <sup>then in shrubs on bank.</sup> 1:58 white-breasted nuthatch, house wren, crow. There are many large trees on N side of creek on hill, S of creek flat and many young trees mainly elms, cardinal, red-headed woodpecker. 2:04 drainage, no water. Beginning of hill as river goes against bank and turns north. This is another very high bank and eroding ridge, soils gray below and reddish above, redtail called, bluejay. fence at top embankment, deer tracks concentrate as they traverse top bank, turkey vulture. water in Rock Creek a bathtub in 2 seconds. 2:15 drainage, no water, field beyond. 2 red-headed woodpeckers and a ♂ + ♀ Cowbird flew across open cultivated field.