

in thick lices, 2nd bench relatively free of lices which is not the usual arrangement which is current of first bench, less on slope &, as usual few fewer on second bench; 2:28 road, beyond road the area is again grazed and partly cleared, tit-mouse calling; 2:30 point, an osage tree in middle of point and about a foot and a half in diameter; bench broad and cliffs poorly developed, slope have at one time been cleared and now replaced by osage orange & grass and hickory and others; 2:33 crossing double drainage, stopped to change reels leaving at 2:38; 2:39 hairy woodpecker; 2:40 red-bellied woodpecker; 2:41 point, red-bellied woodpecker, 2 red-headed woodpeckers, good patch of green ground moss 100 feet beyond point; 2:42 head of drainage, standing water in creek but intermittent, sail damp; 2 goldfinches flew by, red-bellied woodpecker, bench and general area partly open, grass; 2:44 point, 2 bluejays; 2:45 drainage, old pretentious looking house to W, 2 juncos; 2:46 2 bluejays; 2:47 wire fence line E-W, this east exposure is warm and comfortable, N & W exposures cold & windy, soil here dry, black and ground 95 covered with leaves, second benchland with remarkably few down logs on ground; 2:49 2 red-headed woodpeckers; 2:50 end of rock ledges consisting of 5 ledge masses dispersed at the very end of ledge. The bench continues N for 310 feet, terminating gradually to a point. The ledges as superstructure and the flat bench to a gradual point looks like a battle ship and point will be so named "Battle Ship Point". From end of ledges is a nest of a red-tail or owl 100 feet to W, 3 red-heads here, 2:56 continued to point and then returned to rock terminal and leaving at 2:58. It would be interesting to study these cliffs in relation to mammals to different types of cliffs and especially according to exposure. There is considerable green mosses on north exposure rocks. 2nd bench with steep slope between brink of first bench and floor of second bench. Several *Neotoma* nests in upper cliffs and considerable mammal activity in cliffs between 1st & 2nd bench; 3:00 secondary cliff outcrops on bench or they could be masses of ledges displaced from upper ledge. Navigation is ~~impossible~~ in many places up & down. This stretch is definitely the most interesting cliff exposure; 3:02 bench and slope almost all solid rock; 3:03 large slabs almost all across bench, one large den under upper