

12:42 head of bay. fox sparrow, 4 black-capped chickadees, no
 raccoon tracks in sands of drainage. main stream into bay approx.
 1 quart per six seconds. Good jumpers on bench to east. Green
 vegetation associated with abandoned hornesites and are crop associated
 plants. Racks of ridge rounded. Fishermen have used this area and
 have left debris. Red-headed woodpecker, 2 tree sparrows, 12:45
 E entrance of bay. juncos 12 (S. color), 12:48 fence line near end of trees,
 bald eagle soaring to east. water clear & blue, no white caps because
 of protection here. 150 beyond is a rock fence that comes down to the
 lake. The trees that extend into lake are an extension of this fence line.
 3 black-capped chickadees, downy woodpecker, song sparrow, 2
 cardinals, 12:56 west gate of ^{secondary} bay with solid rocks at head. Slush 80%
 in this side bay. 12:58 head of this bay to W. The solid rocks turn
 out to be a bridge. downy, redhead woodpecker. This road is the
 old road that crossed the valley to the E. Large deer track 73 mm
 crossing bridge. The road 100' beyond bridge to E turns to N.
 kingfisher. 1:00 east part of bay, yellow-shafted flicker, red-bellied
 woodpecker. 1:05 ^{old} county road crossing, cardinal, 5 slate-colored
 juncos, 14 tree sparrows, 1 field sparrow. now following along level
 road at edge of bay. no coyote tracks. 1:13 leaving road and
 following along edge of bay. 1:16 tree line going across bay and is
 former road. 2 tree sparrows, 15 sculp flying out of bay to S, beaver
 cuttings. 1:18 old road bed into bay. many microtine runways on
 road bed and in ungrazed field to N. 1:20 2 green-winged teal (♂♀)
 in protected edge of bay. Field sparrow. 3 mallards. 2 green-wing
 teal. 2 male green-wing teal. 1:25 gate or construction of bay. tree
 sparrow. 1:29 head of bay. This arm has pond at head. Red-headed
 woodpecker, 2 tree sparrows. This area has unique character of trees
 and topography. water clear, red-bellied, 1:32 north gate good microtine
 area, many small openings in matted grasses for microtine sun bathing. muskrat
 entrance. Ice leave action along side of lake. Tree sparrow, 1:38 convergence
 large bay to narrows of river channel. now directly east of red house on
 hill to west. 1:40 crow, field cleared for horse racing course, cardinal,
 coyote (live), 5 cardinals, 12 tree sparrows, 2 black-capped chickadees.
 7 tree sparrows. 5 cardinals, 1:47 5 tree sparrows, song sparrow, 13 tree
 sparrows, 20 tree sparrows. 1:50 fence line just beyond inlet bay.
 1:53 end of continuous field and bay extending into field slopes from
 W drainage. redtail. The drainage near the heels to W is 10 feet
 deep. It is necessary to cross this drainage at point where it leaves
 slope of hills. The farther away from inlet the deeper the entrenched
 drainage. 2 redbellied woodpeckers. At crossover noted a
 white breasted nuthatch, 4 black-capped chickadees. Raccoon tracks in