

a few minutes at a time. within 20 minutes the clouds completely disappeared and temp rose to  $66^{\circ}$  F. As I say, this has been a very unusual atmospheric change. At S. end of arm can hear 3 bluejays, 5 crows, 2 redbellied woodpeckers, 1 yellow-shafted flicker, 3 fox squirrels in area. The bluegills and green sunfish decrease (100' before S end) as one approaches the shallower end of lobe. Some remain in deeper channel. Continued <sup>(+0.5)</sup> up main center channel to bridge. This channel is beautiful with overhanging willow trees. The average depth is 3 feet and bottom lined with small pebbles. Fish predominantly ~~bluegill~~ green sunfish. Considerable muskrat activity and one beaver house on W bank about 100 feet from entrance of channel. 2 willow trees, one of which is approx. 1 foot in diameter, barked and chewed by beaver. <sup>5 flatbacked turtles in this channel.</sup> Returned to mouth channel. Area beyond channel about 1' deep. Between the mouths of the two channels stopped and tested the old breeding grounds of the blue gills (see previous notes) and found water only about 8" deep, clear and with undisturbed mud & moss covered bottom. no fish in this area. Continued W & then up the abandoned channel. At 1/2 way mark noted a 3 1/2 foot Natrix swimming N along W bank (10' away) It moved full length of lobe with concern and when I placed the line and fly across its path, submerged and was not observed again. 50' away observed a fox squirrel travel down a log that was down toward water, being submerged at its distal or outer end. The squirrel followed the log to the submerged portion, continued along the submerged log which gradually took the squirrel deeper & deeper into the water. At a point in which it lost footing with the log, it left uninteruptedly and swam 10' to an emergent log where it climbed over the barrier and then again, gracefully and without losing rhythm of movement continued another 10' of deep water to the east shore of the channel. This squirrel behaved like a muskrat in gracefulness of swimming. The head and most posterior part of tail were