

sailed the entire E-W valley to the W side of valley where it descended to about 6' above water before gliding up to alight in a tree. Left 1:40. 2 chickadee, 1 tree sparrow. Only one boat in river. 1:43 song sparrow, at deep water channel from river. 15 tree sparrows. 1:45 ♂ + ♀ green-winged teal in secluded channel just beyond the one noted at 1:43. The green-wing teal are frequently found in quiet waters of channels leading from main river. This second diagonal channel leads SE to a major drainage that at one time has supported a road but now eroded back from river as a channel with abrupt <sup>ground</sup> wall. 1:47 head of channel of above drainage. 14 juncos raccoon tracks common in muds wherever mud is exposed. 4 chickadees. 1:49 7 tree sparrows, 1 cardinal, 2 song sparrows. 1:50 3 tree sparrows. 1:51 5 tree sparrows. 1:52 approx. 30 tree sparrows generally distributed in a section of weeds. 1:53 5 tree sparrows. 1:54 boat ramp into river. 1:55 4 tree sparrows. 1:56 5 tree sparrows, 4 song sparrows. 1:58 first drainage E of boat dock or ramp. 2:00 from this position can see 4 marsh hawks in valley to N. 5 juncos. 2 song sparrows + 8 tree sparrows. The flooded valley to N (30% open water, the rest in weeds which could be inundated) can see 12 new muskrat house averaging 3 feet high. This dry area of last year has been rapidly invaded by muskrats with inundation with water and would indicate that the river can support just so many animals with the surplus deleted by limits of population by space & food. Now new areas are available and this surplus can expand and perpetuate themselves. I would judge there to be many times more muskrat house than can be seen from this vantage point. From hill on N side valley one can see more of the flooded valley. 2:05 river now in contact with ridge and flat valley and weeds are not represented. Will follow hillside to point where river leaves ridge and then again follow weeds. Above on top of ridge is a vantage point where road has been developed as a circle drive. 2:12 cardinal, 2 chickadees. 2:13 8 cardinal, 6 juncos. I am surprised that there is not ducks in open water of valley to N. 2:16 double drainage. 28 tree sparrows, 12 song sparrows + great horned owl, 4 chickadees, 2 cardinals, 6 Harris sparrows. One small oak (3 1/2' high and in protected gully with red leaves and only tree in area with color. 2:18 vantage point beyond double drainage at circular <sup>road</sup> turnoff where a structure is being constructed. This point