

They were feeding on wet sands of a sand bar and 3 feet from water. 3:30 A great horned owl was noted alighting in a tree and drainage entrance to left. It was awkward in adjusting to position. As we approach it flew S across river and carried a pilot blacksnake in its claws. The snake was held by its body and midsection. The owl alighted in a tree on S side, again awkwardly. 3:31. Mouth drainage where owl was first noted. 3:38 18 nests of the bank swallow. Nest on new bank slip. 3:39 first of large trees on bank. 3:40 rocks in center of river. 3:44 log jam and ♂ & ♀ woodduck in left channel. Noted a Baltimore Oriole on steep sand bank 100' from trees. An eastern Kingbird on log jam. 4:00 15 gadwalls, 6 bluewing <sup>and flew down river</sup> in one flock on S side river on sandbar at edge of river. Gadwalls left, teal remained. 4:08 ~~east~~ <sup>south</sup> end of bend and arched railroad bridge. A ♂ red-wing on down tree in middle of river. 4:30 approx 350 nests of bank swallow on south side of river on high-long sand cliff exposure. These nests were of one aggregate. Nests were being excavated but delayed departure of many birds after main group left cliffs would indicate nesting birds. The upper level was most extensively used and will be the more permanent slope in case of flood waters. At one moment as we rounded by, the greater number of swallows flew slowly overhead in close formation and nearer to our heads than normally and for about 8 second seemed to show an aggressive behaviorism toward the intruder. 4:38. 13 avocet, 2 spotted sandpipers, 4 gadwall ducks and 13 bluewing teal were together on edge of sandbar island (main channel side). The gadwalls left first, then the teal, then the spotted sandpiper. The avocets remained and as we approached to within 40' they all moved from the shallow water to the edge of the sandbar and remained there until we were within 30' to 20', at which time they all left, with first vocal call and flew slowly and gracefully and in formation down the sandbar to alight some 150' beyond. They preformed exactly the same way on our approach and when they left they flew in formation out <sup>toward</sup> into the river and thence up river past the conae. Their confident nature and dignity of flight is not the behaviorism of local fauna. They remind one of a tropical pattern of behaviorism. 4:46. beaver swam toward bank house. 4:58 mouth Soldier Creek. Continued up creek to railroad & ear bridge arriving at 5:10. Wind still strong and on one occasion it caught the side of the conae and forced it across the surface of the water. Wind have the

