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sand bank and could be a kingfisher roost. The first kingfisher noted is still preceding us down river. They usually do so and then fly out around or across the ~~low~~ river. 10:15 male mallard left side of river. 10:18 red-tail hawk circling, temp 54°F. 10:30 beaver activity. There has been minor beaver activity all along the way. 10:33 drainage from right; kingfisher; an unusual amount of Equisetum. 10:38 creek from right that enters and east end of ridge to S. Collected a male greater scaup from edge of river on S side. It chose to swim along edge of river rather than fly. This duck 661120-1 measured 19 inches total length and weighed 730 gms. The head was rounded and had a faint greenish tinge. The white band of the secondaries extended out into the primary feathers without a break. The sand bars along this area have considerable more gravel than elsewhere and may be due to adjacent hillside of limestone. There is also more green scum on bottom of river than I have noticed in previous years which could be due to late seasonal warm temperatures and stabilized waters from Tuttle Creek. 10:45 Creek from N and newly eroded banks. 10:55 3 crows; 11:00 2 redtail hawks. 11:13 selected the channel to left. Considerable beaver activity in young willows. Trails muddy from last night. 11:15 marsh hawk 11:20 drainage from N. 11:30 at bend and now to S. 11:35 group of 28 mergansers, 10 of which were definitely male American mergansers. These 10 remained partially isolated from the other mergansers which were noticeably smaller and consisted of 18 female red-breasted mergansers. I am not positive about the 18 but they could be the ♀♀'s of the American, although there is not the size difference between the ♂ + ♀ American as evidenced here. These mergansers were extremely alert and nervous and reacted while we were 2/10 miles away. At about 1/10 mile they all left in one group and flew down river alighting 3/10 miles beyond. Their calls were typical and called while on water. 2 kingfishers flew across river. 11:45 bend of river (E of Bruner) and stopped for lunch on E side. Bone in sands highly polished & blackish-brown. Left 12:33. at 12:44 the 28 mergansers (noted first at 11:35) left river again & flew downstream. They flew only 2 feet above the water and again were very nervous and left some 2/10 miles down river