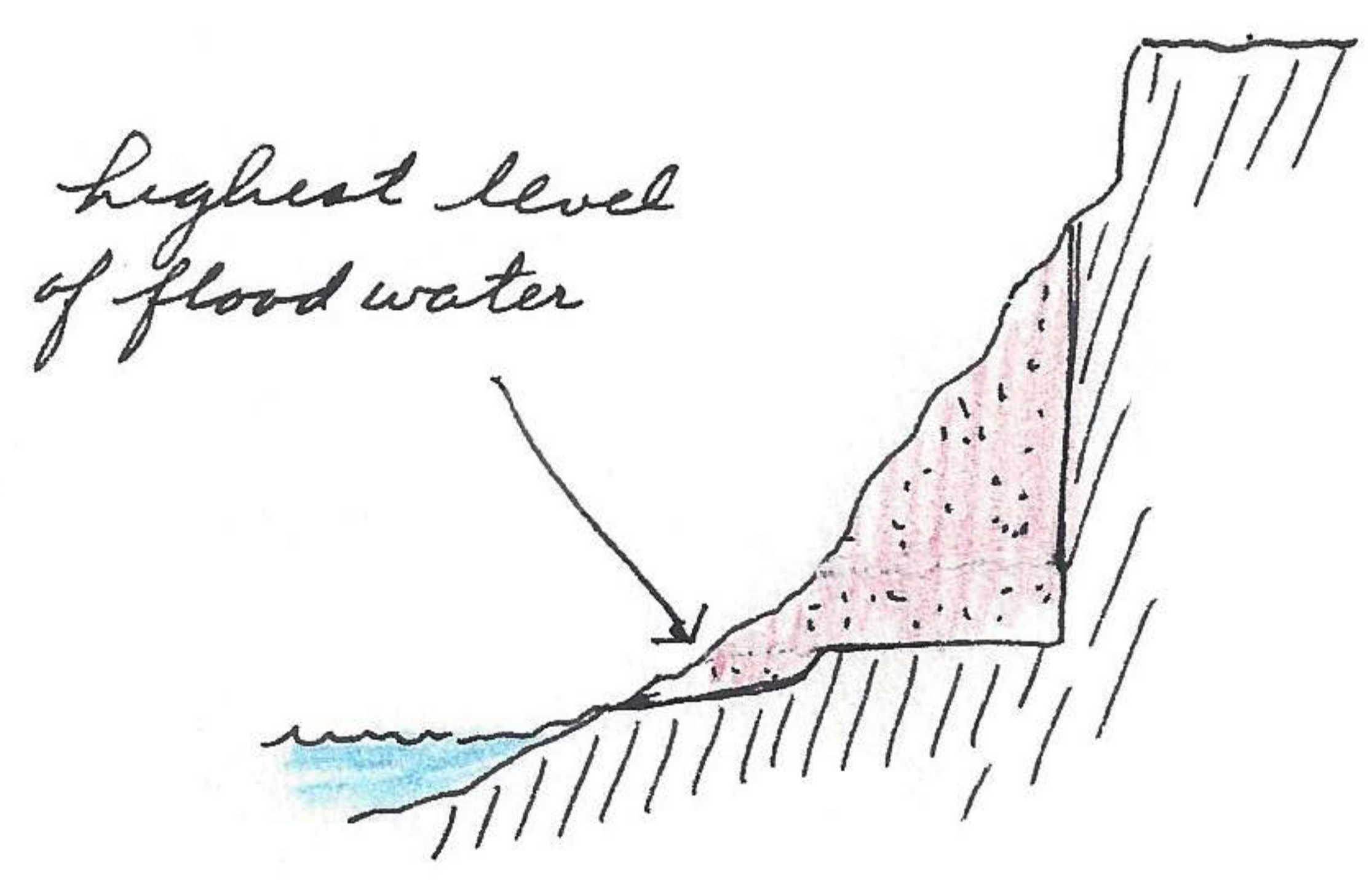


Excavation site. When I approached to within 150, they left and returned in 3 minutes. They are silent when they leave the cliffs, but call occasionally while flying beyond the nesting site. They travel in a group and sometimes completely disappear from sight. When they return to nests they by-pass the holes several times before stopping, at which time the calling begins and is continuous and vigorous. They never remain at nests for prolonged periods but leave periodically. My presence, call of spotted sandpiper <sup>and blue jay</sup> <sup>tree</sup> were ~~these~~ external factors that caused them to leave, all other times I could not account for. Birds in holes leave about 3 seconds after main group departs, which is in unison. Some remain in nests from one group approach to another approach. Departure is always by dropping down from nest. Generally two birds are at hole, one inside and one outside. I have observed 5 in one hole. Excavations from deep holes to holes just slight concavities in the bank. Area marked by white sand below nesting holes. Sand being excavated is damp & darker than associated sand. The site consisted of 38 holes in various stages of completion and all within approx 20 linear feet. 6 other holes about 15 feet beyond. There were no other holes in sand cliffs. The number of birds in area was 4 times the number of holes. Two birds alighted on <sup>exposed branches of a</sup> submerged tree, 8 feet away. 10:07 beaver activity, and bark cleaned from trees that had fallen into water, (N side). 11:14 spotted sandpiper on log in middle of river. Wind now of velocity to slow canoe so will assist by paddling. 11:16 spotted sandpiper. 11:20 Harris sparrow. 11:30 dead snapping turtle on bank, head upstream and on belly. It measured 28 inches total length. This attracted my attention to this turtle. State of decomposition would place it as a victim of last flood. 11:39 dead beaver in water, ♀, 48 inches total length. State of decomposition more advanced than turtle. 11:42 Copsie Point. This area is gradually being eliminated by erosion. The profile of cliffs upstream from Copsie point on S side is reformed by last flood (April 23) and cliffs are perpendicular and beach is broad. The sands and clays that had sloughed off during the winter are now removed and clean sands of original banks are exposed. This area supports



the highest and most perpendicular cliffs, in this stretch.

11:53 2 spotted sandpipers. 11:55 at entrance of channel. Several small trees have eroded into river. An American Coot feeding on N side of river some 50 feet from shore. Observed first large turtle on log. About 8 inches & flat (green).