

(weeds, willow etc) begin and at this time the river edge is green to water. Different color root systems are conspicuous (yellow, orange, pink). 9:08 Killdeer calling. In 5 minutes of travel did not see bank swallow above water. 9:09 mouth of FMC water outlet. 9:24 ♂ + ♀ Baltimore Oriole chased blue jay for 150', then another 50' before returning to nest area. 9:25 two adult barn swallows feeding and alighting on dead limb of tree over water. A young was at center of activity. No calls until within 20' and then vigorous while passing directly under the young bird and for 100' beyond. The young was in the shade and could fly. 9:30 fresh beaver and raccoon tracks. Yellow warbler & robin. 9:34 fresh beaver digging in bank. 9:40 passing under high utility power lines. First hell frog 6" on bank and out of water. 9:44 opposite main drainage from right. Noted a Natrix (some red on sides) on log and 2 feet above water and in shade. At 10' it gracefully dropped into water rather than dive headfirst. About the only way to collect these Natrix is by gun. 9:50 red-bellied woodpecker (the new birds are being recorded as they appear for first time on trip). 10:00 first eastern pewee calling. 10:01 Kingfisher. 10:02 stopped to check bank swallow colony on S side river just east of last continuous stand of riparian forests. Counted 359 holes, 60 adults in air at colony, 19 young at entrance of nests of which 11 were single, 5 doubles and 3 with 3 young. Adults were entering and leaving other nests where young were not at entrance. The young were just slightly smaller than adults. Most adults fed in field to S, some over river. Left Colony 10:30. 10:48 an eastern Kingbird left S shore and flew across river to inspect me at 20'. 10:52 Capsize Point (gradually being eroded away). 10:55 Bank swallow colony on south side river approx 1/10 mi. E of Capsize Point. Consisted of 470 nests with greatest concentration in one central surface of cliffs and the rest of the nests placed laterally. Approx 98 adults in air at colony. On N side of river approx 40 rested on sands of sand bar. One can generally determine nesting areas by presence of birds either resting or flying near by. Left colony 11:05. 11:13 pirate channel to S ~~at~~ Good bend at back. Bobwhite called, yellowthroat warbler called, 11:18 opposite entrance of Mud Creek. Fewer grockles now than in town. 11:35 mouth of Pirate Channel (lower) ^{at Logjams}. No water in channel. Killdeer and 2 spotted sandpipers here. 11:38 south end of