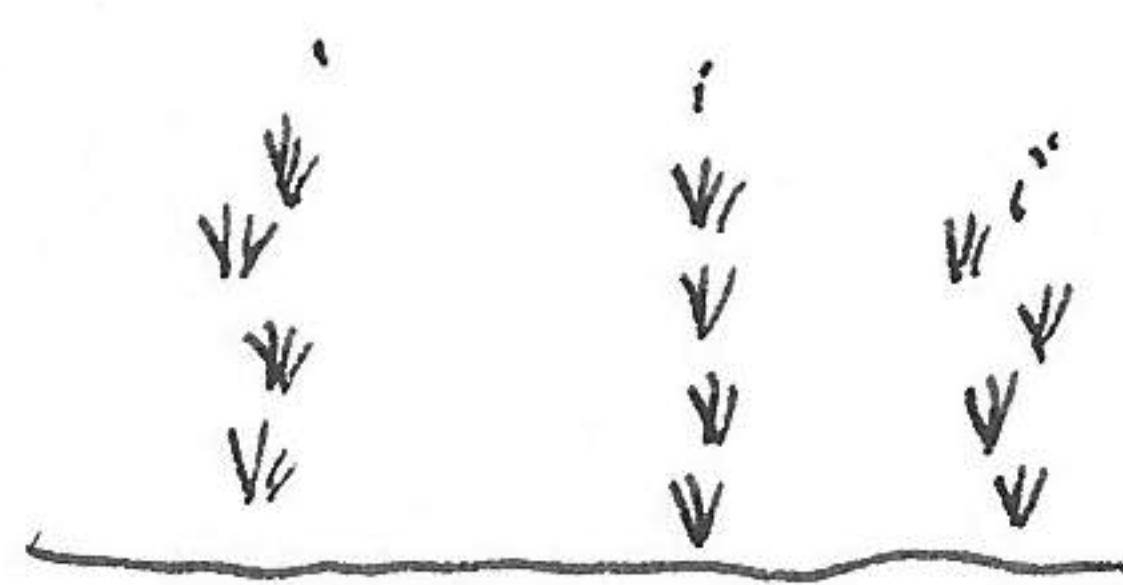


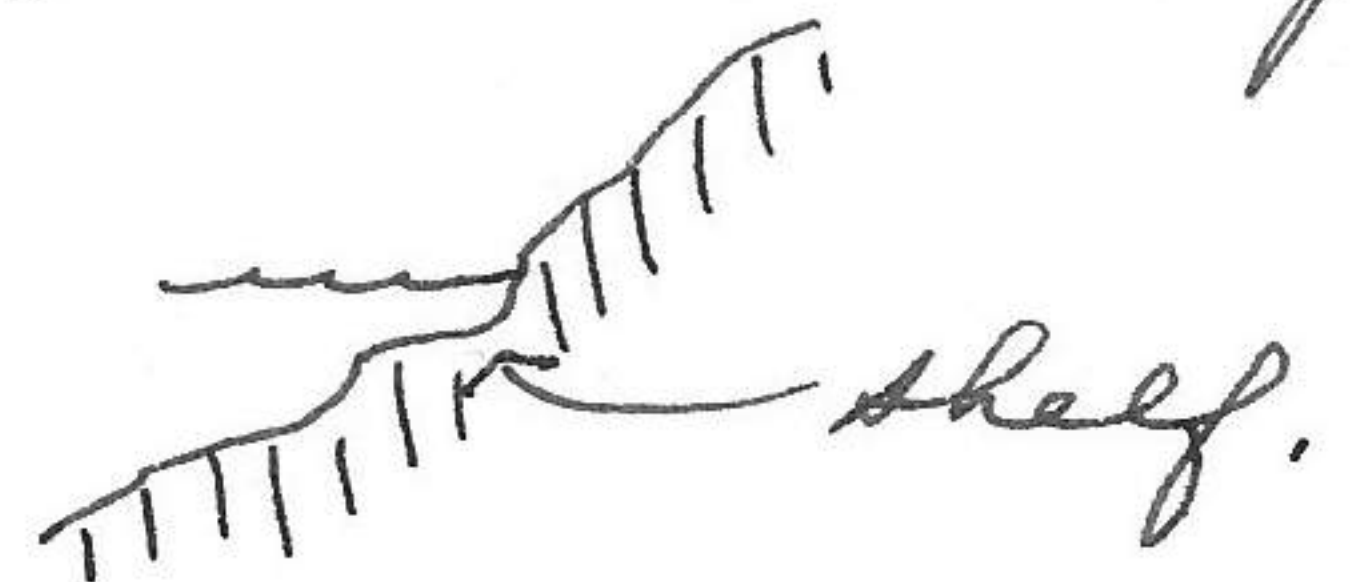
downy woodpecker - 14
 red-bellied woodpecker - 18
 flicker - 4 (yellow shafted)
 hairy woodpecker - 11
 red-wings - one along edge of river, small groups, in trees.
 Oregon juncos - small groups
 slate colored juncos - " "
 eastern phoebe - 12 generally distributed, some associated
 with winter groups of small birds.
 blackcapped chickadees - small groups.
 nuthatches - few
 Kinglets? heard only
 Great horned owls. 9 singles, 1 pair
 killdeer - 1
 titmouse - 28 generally distributed and singing
 meadowlark - heard 3
 no starting

Eng Sparrows - few at farm houses - 1 fresh
 racoon - tracks generally distributed. The characteristic
 track pattern is sets of perpendicular imprints up steep slope.



Raccoon feed along edge of river and at
 certain points move up bank to check material
 and then return to water edge. At most places
 along river there is a ^{submerged} shelf of eroded soil
 which is made, I believe, and used by

racoon. The shelf is at water level.
 These animals are not as common in this
 stretch of ~~river~~ river as below Richland.
muskrat. Did not see but evidence especially seat on logs
 at water level.



Beaver. did not see but evidence. They are not as common
 here as on lower stretches of Wakarusa.

bees - 2

gnats - in quiet parts of river

fish - not much evidence of surface feeding

fox squirrels - 15 singles, 5 pairs. One squirrel crossed over
 trees from one side of river to other side. Some pairs chasing each
 other

No butterflies

measured Wakarusa at Louisiana Bridge, Lawrence as 25'7"

