



Trails more numerous <sup>on east side of dike</sup> than on west side. The trails are continuous

on both exposures on all surfaces of the dike except the groveled top. These runways, at least

some of them are used but not as completely as say a month ago when snow covered the slope.

The runways indicate beneath snow activity.

Runways on slope show erosion from water.

many trails extended over grasses by mudlike

soils. Photo 790320-7 show condition of trails without

overhead protection. Some shallow diggings have cores of soil and grass stems extending from excavation as if forced into snow tunnel

soil and plant

material. Some trails built up at edges with soil and plant material. Others excavated into soils. Grass stems 1 1/2 inches long in trails. Soils damp on east side dike, drier on w side. Adjacent winter wheat up to 3" high, grass on dike slope 9"-10". No evidence of winter wheat being eaten. No digging by predators. Few grass nests lined with fine grasses.

at gate thru dike water level 80 ft. mark. Top dike 100 ft. Frogs calling. In old creek channel

12 wood ducks, 8 bluewings, 5 mallards. In flooded young cottonwoods 8 mallards, 3 bluewings. In river (1/10 up river,

3 boldpates, 30 mallards. Along Kaw a muskrat swam down river and climbed on log 10 feet away from me without noticing. It finally saw me & left underwater.

10.45 Arrived at beaver cutting about 1/10 mi from mouth mud creek. Took photo 790320-1 of beaver cutting, 790320-2 of river framed with branch, 790320-3 of general cutting by beaver, 790320-4 near mouth of mud creek of grass in foreground & down river in background, 790320-5 of mouth of mud creek to E down river. River without noise.

Cardinals singing, one red-bellied woodpecker. Coot swam down river and up mud creek. Duck up river feed down river with current then fly back to original position. Good surface of dry leaves on forest floor. Stinging nettle 3" high, a bladed plant up to 6", grasses to 9 inches. One large deer track measured 76mm.

Cicindellids (brown + white blotched) active in sandy areas.

In riparian forest a large area inundated. Did not find the bald eagles in area. Also no

geese. Returned to car 1:40 P.M. From N side mouth mud creek photo 790320-8 of Kaw to S thru fine pattern of tree limbs.

