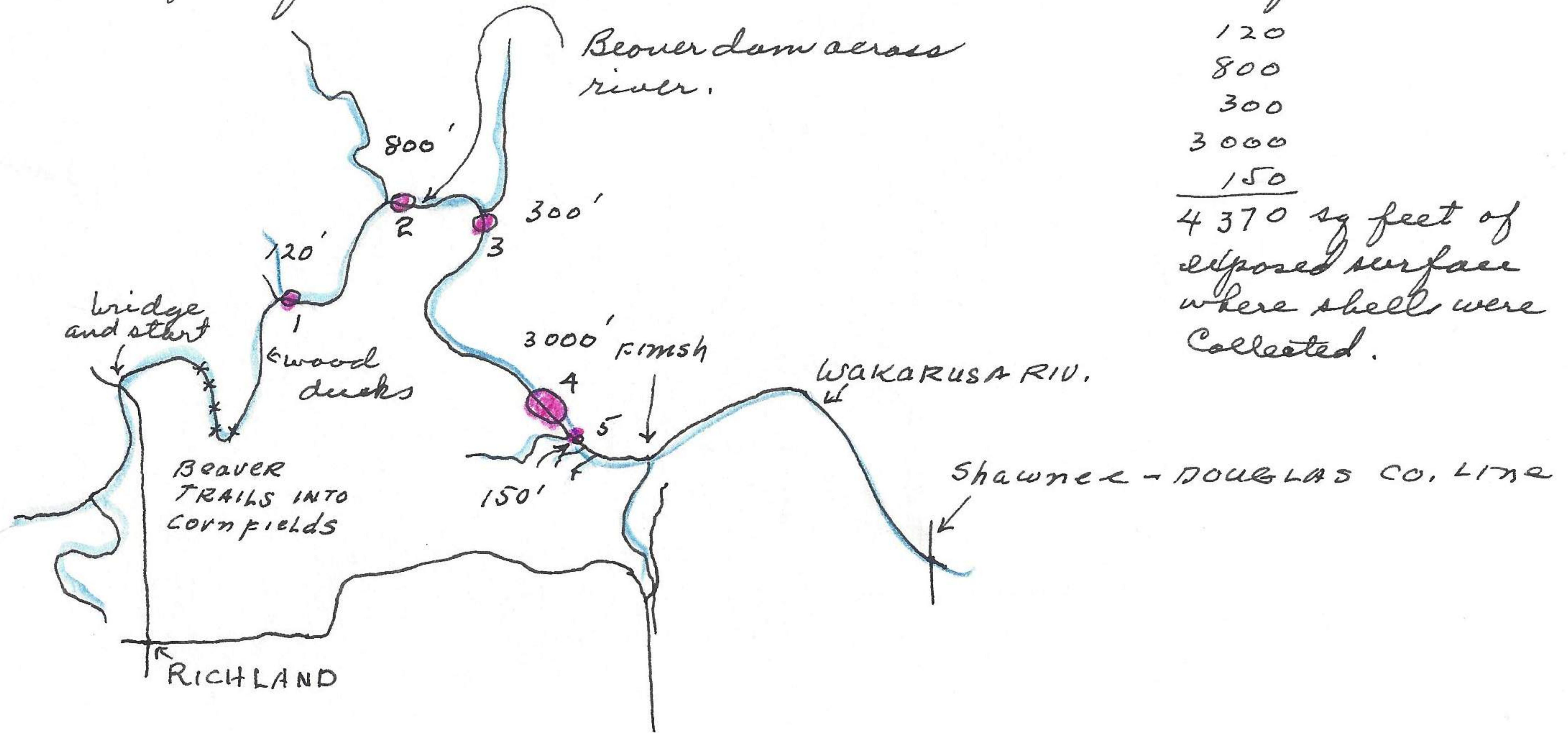


Wakarusa River, Richland, Shawnee Co., Kansas

Oct, 23, 1966

Temp. 64°F 11:45 A.M. Slight wind, high Cirrus, Strato-cirrus + Cumulo-cirrus. Segel School 51.2 mourning dove; 52.5 blue jay; 53.0 N end proposed dam (old); junco (Peterson tells 90% free of leaves, along river about 10% gone & still yellow & green); 54.8 Wakarusa bridge, water clear & about same as last trip. 56.0 Patton bridge passing, chickadee; 56.3 junco; blue jay, red-breasted woodpecker; 56.4 new to S thru forest; 56.6 junco; 57.2 main road to W; Beaver bridge 57.9; 58.3 crow; 58.7 to S chickadee; 59.7 to W, sparrows sp?; flicker; 60.2 to S; 60.4 8 crows one group; 60.8 bridge, blue jay; 61.3 2 meadowlarks; 62.0 along river) blue jay; 63.1 bridge new to S; 64.0 Elk Cr, ponds intermittent; crow; 64.8 sparrow sp?; 65.6 Top hill into valley below; osage orange all upright leaves & apples conspicuous; 65.8 turn off to river but continue to Richland bridge; 66.4 red-tail hawk; 66.7 7 crows; 66.9 Richland) 4 Eng. Sparrows; bridge N of Richland 67.4, 12:45 P.M. Will leave for river



will keep record of birds observed enroute. Left by foot from Richland bridge N of town. Red-bellied woodpecker, downy woodpecker, 4 juncos & 2 crows here. At points on map marked with x are well developed trails, better than those leading to wood resources, were evenly spaced and leading into corn field as far as 50'. Trails worn smooth & depressed. This area of Wakarusa in deep ponds (continuous) and except for 5 or 6 rapids are between start & finish are easily navigated by beaver.

