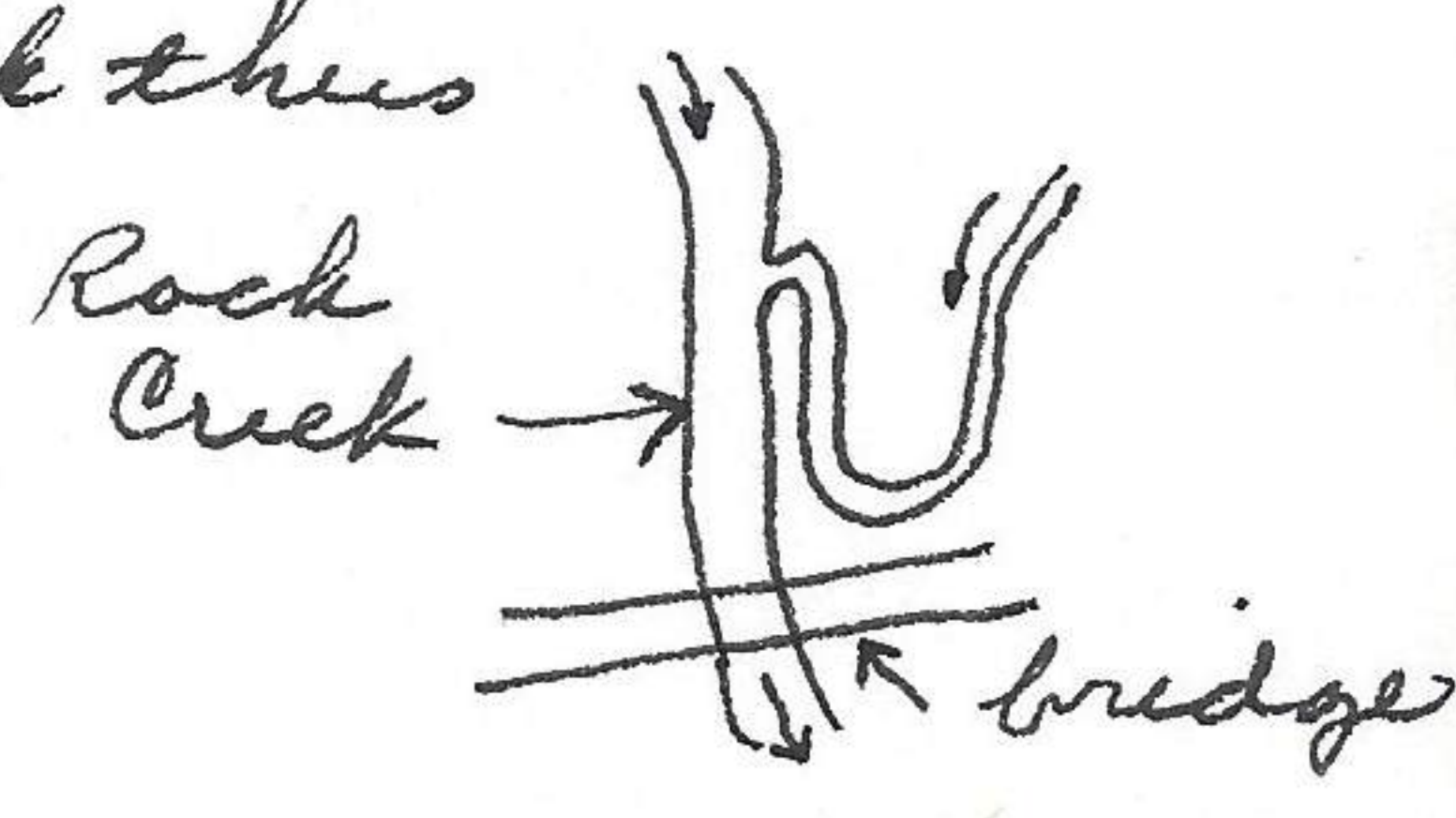


n-5 canyon. 2:10 head field. 3 b.c. chickadees. 2:11 redhead woodpeckers, cardinal low in creek. 2:13 3 redheaded woodpeckers, chickadee. 2:14 crossing creek. 3 b.c. chickadees, 1 redheaded woodpecker, 5 blue jays. 2:16 main road. 2:17 road at begin field, 3 slate-colored juncos. 2:08 blue jay, red-bellied woodpecker, 3 b.c. chickadees. Leaves among hillside trees are a colorful reddish brown. 2:20 downy, blue jay. 2:22 redbellied woodpecker. 2:23 downy, cardinal, 2 b.c. chickadee, winter wren. 2:28 2 blue jays, 3 slate colored juncos. Tent. caterpillars balls still in trees. 2:29 4 b.c. chickadees. Clouds (faint) now 3/4 across sky to E. 2:30 2 blue jays. 2:32 Car. temp 38°F. Left by car at mileage 54.0. With car closed I can smell a faint skunk odor picked up along trail but unnoticed until in close enclosure. 4 crows. 54.3 Rock Creek bridge. red-bellied woodpecker. Entrance of small creek thus 55.1 to E. 55.4 30 starling. 56.1 Main road at Collins, 57.6 Wacharusa bridge. 2 cardinal, 8 Eng. Sparrows, 4 tree sparrows. 58.1 redbellied woodpecker, 6 tree sparrows. 58.7 sparrow hawk, meadowlark. 58.8 Sigel school house and end of complete census.

Summary: (double census of identical route)



Time	flicker	redtail	Crow	juncos	Chickadee	titmouse	blue jay	blue bird	redheaded W	redbellied W	downy	Cardinal	w.b. nuthatch	b.b.	tree sparrow	goldfinch	rebnit	spurred	Robin	winterwren	J.C. Kinglet
10:53-2:23			2	7-3	6	1-4			1	1	1										
11:03-2:17				2-3	3	2			2	1											
11:13-2:14					3	2	1	1													
11:15-2:10					4	4	5	4									2				
11:27-2:04			5				3	1	1												
11:34-1:56					5-2		4	4				1					1				
11:54-1:35	1	1		2-3	1-5	2-1	2	2-5	1	1	1	1	1	1	1	1				1	
12:18-1:30				2-7	3		1	1	1	1							2				
12:30-1:21					5	4-2		1				2									
12:33-1:15	1			2	4	1		4	1												1
12:43-1:12						1		1	4												
12:46-1:09				8-5	2			1													
12:53-1:06	2	2-2		4	2	1	2	2									2				
12:59-																					

Less correlation of birds on the move.
 Some correlation of semipermanent birds
 Numbers and species average out along a line of census.