

only two cases  
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- white 401117-195  
 Cr. Sparrow<sup>2</sup>  
 Song Sparrow 82 (mainly in singles but found in flocks of 3-5-7-8)  
 Mallard 44 (one flock of 40, the rest singles)  
 Pintail 150 (one flock of 148, two singles)  
 Gadwall 15  
 Shoveler 13  
 Killdeer 7  
 Crow 42 (in following grouping 8-3-3-10-1-1-1-15)  
 B. Blackbird 34 (" " " 15-10-1-1-1-1-1-1-1-1-1)  
 Tule wren (?) 1  
 Pipit 31  
 G. W. Teal 300  
 Marsh Hawk 2  
 Baldpate 10  
 Red-wing blackbirds. 2500 in one flock  
 muskrat 1

On the return trip counted specifically the song sparrows only. mainly in cattails along railway grade. They number 102 and were generally distributed wherever favorable habitat was found. This figure compares with 82 on trip over and could be a difference of time of day or more concentrated effort in counting these forms alone. Also observed on returned trip 5 pheasant, 1 flicker and 8 English Sparrow as well as 1000 Crow which were not observed on route over. Crow had moved into area.

12/29/40

observing  
 Two hours in the field. Made trips from Provo Round House to Hubble Creek and return via lower railway tracks. Trip identical as above. Left 12:00 A.M. and returned 4:00 clock in afternoon. Kept record on one way only. Weather dull, occasional rain. Observed following.

R. N. Pheasant. Approx. 12, some running across open fields, others along vegetation growth along railway right of way.

Crow. Approx 900 in one aggregate. Many others generally distributed from Bullock Fur Farm south to Hubble Cr River bridge. Found mainly in pastures and fields used by winter fed stock and were concerned mainly with dung. Others found around haystacks, corn fields, blackwillows but mainly on ground. In fact one could look in any direction and see birds in evidence. They called continually. Observed the above flock of 900 and the manner in which they travelled from one part of the country to the other. They keep moving from area to area but not in mass formation. From the time the first bird leaves an area until the last bird leaves involves in this case