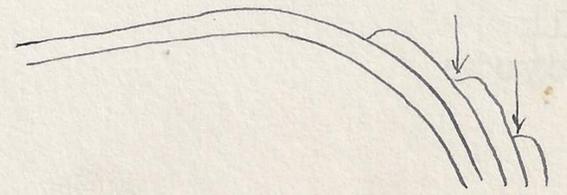


of the gyrations was the closing of wings and dropping abruptly downward, and then an upshoot sending the bird to its maximum height without a flapping of the wings. Then by directing them downward again, they continued the same performance. They appeared to be on good terms most of the time, however at times one bird would close wings and dart down upon the companion who resented by turning over or to one side. One of the most interesting things about this west exposure of Timep. was the faulting along our course. Several places we decided were made in a most recent time. It appeared to me to be merely a slipping of one stratum upon another along the west limb of the anticline. These blocks have merely slipped along their contact surfaces with their underlying base. The new exposed escarpment carries alone for several hundred feet at the base of the foot hills. Several Slate colored Fox Sparrows were seen in sage brush along way and in both instances the three birds were fighting and scraping. Near our destination found the long crested and Woodhouse Jay associating with each other. Their calls are distinct when heard together. The long crested on the one hand has developed the mimic call of the screaming red-tail marmot and other natural calls. Our only flock of Juncos were met with at the end of our tramp; a flock of about 75-100 of mixed Gray-headed, Shufeldt, Pink sided and possibly the Montana Junco. Many were singing on our approach. Collected a hemiptera (27) under a rock and several flies in a water box. The flies were massed together upon the water surface.



#### Record of Census

Weather- See notes

Number of birds and animals observed- 222

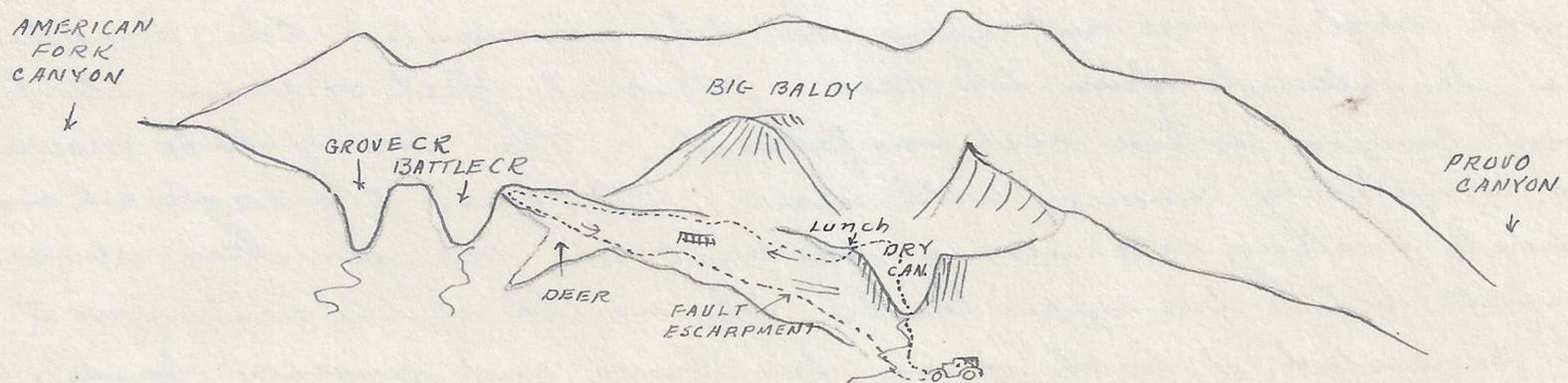
Species recorded- 22

Time in the field- Approximately 8 hours.

Distance covered- From  $3\frac{1}{2}$  to 4 miles.

Number of observers- Three

#### Course Followed



#### Census List

Juncos	85	Mixed flock (see notes)
R.N. Pheasant	5	
Am. Magpie	6	
L.S. Towhee	28	Evenly distributed
Red Tail Hawk	7	Possible duplication
L.C. Jay	11	Three lone and one group of seven
Woodhouse Jay	6	Associated with the L.C. Jay
G.H. Owl.	1	Possible nesting
R.C. Kinglet	2	
T. Solitaire	1	