

Sarcobatus, Atriplex, Artemisia spinescens, 400503-65 and many others which I was unable to identify. No Artemisia tridentata at this level at least. 4:55 mourning dove and 2 shrike. Return to point where we left Lincoln highway at 6:00 and then continued south along main Lincoln highway which is of course a poor excuse for a highway. However the sign markers are still in existence. 6:15 N. end of Sugway mt. just beyond the 2nd Government well. 6:30 2 horned lark. 6:35 Falcon. 6:40 Raven. Failed to keep accurate record for remainder of trip because of darkness setting in an interruptions along the way. Arrived at Fish Spring at the time. Prepared supper and then to bed.

Station 1. Fish Springs.

up before sun on marshes. Sandhill called a few times S. E. of cabin at 5:10 A.M. just 25 minutes before sun struck the marshes. This early morning calling proved to originate at about the area where crane nest was later discovered. Only one birds seemed to participate in the calling. Had breakfast and left the ranch at 6:30 A.M. with the intention of recording by hour and half hour periods of time. Whenever recording in marsh area one cannot but help duplicate the more evident forms which continually move about such as the marsh hawks etc. Our plan was to systematically cover as much of the area as possible in the west and south end of marsh. One soon realizes the hopelessness of systematically covering the entire marsh land when only one pair of birds are to be found in the area. If however the search is selective one can cover the more favorable areas in one day. A general consideration of the area discloses the following. From the east side of Fish Spring mountain at our particular section one finds a series of large springs issuing at the beginning of the flat areas of the valley, which, are found at the distal edge of the outwash talus slopes of the mountain. These large springs trend to the east and are soon dissipated. The first zone then is deep creeks with vegetation closely bordering the stream. Next one finds the zone of shallow waters where main spring water has left the main channels and are flowing through a ramification of small channels which have replaced the large main stream. These smaller channels soon end and ephemeral ponds continue. These ephemeral ponds support a dry dead appearing scirpus while the ramifying channels support green scirpus. In general then the areas nearer the spring heads are green while those of the distant ponds are dry. It is between the first & second zone where nest of sandhill crane was located.