

Camped overnight at Canyon Glen. River temperature six inches from bank 2 inches deep, rocky core, flow not in direct current but waters agitated at 9:00 PM = 54° F. At 7:00 next morning same water in same place = 50° F. Waters slightly turbid. Lower in morning by 1 inch, quite clear & strong down canyon wind. Water angel flew up river singing.

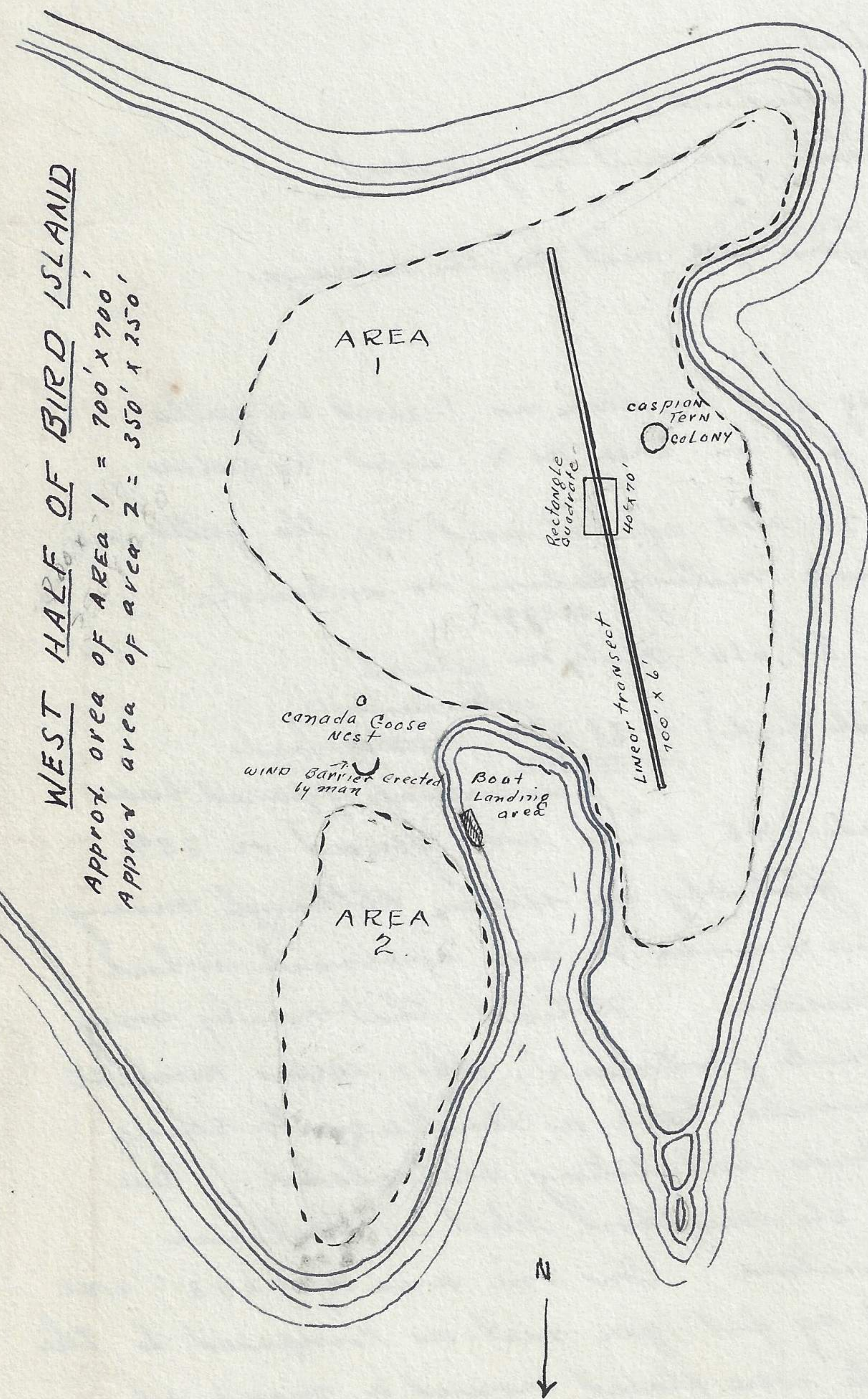
5/9/40

Great migration of warblers today & last few days. Great number of W. Evening Grosbeaks in same area from early morning to afternoon at first N. and 3rd east. These grosbeaks remained here in sycamore trees the two following days at all hours of the day.

Rock Island, at Lake. 5/10/40

Beck, Tanner, Hayward, Beddell and myself spent afternoon on Rock Island in Utah Lake. Left mouth of Provo River at 5:45. Forster tern resting at mouth of river. Water depth short distance out 6 1/2 feet. From then on to island gradually increased in depth to eight feet + just of N. end of island. Rock bottom in north bay 7 feet with 2 1/2 foot of mud. Plankton plentiful. Gulls mainly arriving at island, some winging & touching water and others flying higher. Day 88° F. Lake surface nearly a mirror. no wind. Several Gulls resting in water and on shore line on approach.

On island estimated number of nests and gulls present as based on specific count of 2 quadrats. One 40' x 70' quadrat was made in center of a well established and homogeneous surface area, made by staking off and placing a piece of paper in those nests counted so as to eliminate any error of duplication. The second



quadrant measured 700' x 6' and extended through a typical area. made by measuring a 700' distance and then with a six foot stick held at the end of a ruler. passed down the measured distance in a straight line and counted the number of nests that the 6' stick intercepted. The second