

400112-2 forces that change and effects the config-
uration of the shore line and also the punishment inflicted
upon the shore line vegetation. Picture 3-1-12-39 shows a
typical pile of ice at this time of year with the Wasatch range
in the distance, covered with moderate blanket of snow. The
picture 4-1-12-39 shows the restricted and limited 'open water'
surface where some of the diving ducks were feeding. Recogniz-
ed the Am. Golden Eye but without aid of binoculars could
not define the more distant birds resting & feeding at the outer
edge of the open water. Lake frozen solid as far as one could
see. Tamarisks ^{and willows} nearly cleared by C.C.C. boys in preparation
for new \$1,000,000 recreation center to be established here.

1-14-40

male and female woodduck on river about 3 miles down
river from Charleston where road comes nearest to road.
Observed at 11:30 A.M. On return at 4:30 found 5 golden eye
at Williams Fisherman home some 4 blocks down canyon from
Swain Park.

1-16-40

Aloues calling in Pravo City near B.Y.U. not the mating call.

1-18-40

13 Bohemian Waxwing in trees on B.Y.U. campus. Snowing
at the time but clear blue skies promised. These birds
seemed to be resting.

(see 9-28-40 for complete notes) 1-21-40

Made a few observation of the duck life at the mouth of
Pravo river where water from river enters the lake, creating
an opening in an otherwise frozen lake. The Golden eye,
Buffle head, mallard, Gadwall, Pintail were represented. Others
not identifiable. Also one Great Blue Heron and several gulls.
Several Am. Pipit feeding on edge of ice where water deposited insects on ice.

1-26-40

Bees and bumblebee bugs out on window sills. Day fine.

1-28-40

Made another census at mouth of Pravo river. Lake frozen
but open water at mouth of river. On arrival found one
Red billed grebe in river. Instead of diving it gradually
submerged and completely disappeared. The process was
not abrupt but gradually. This was most interesting when
compared with the more forceful and deliberate dives of other
water birds. At mouth of river proper at 11:30 found 13
Great Blue Heron. They were generally distributed around the
edge of the open water, resting upon the ice. At 1:30 P.M. only
eight birds ^{herons} remained and still resting with necks in wings.
Birds represented were: 10 mallards, 6 pintail, 4 Gadwall,
28 Golden eye, 10 Bufflehead, 2 Am (?) merganser, 13 great Blue Heron