

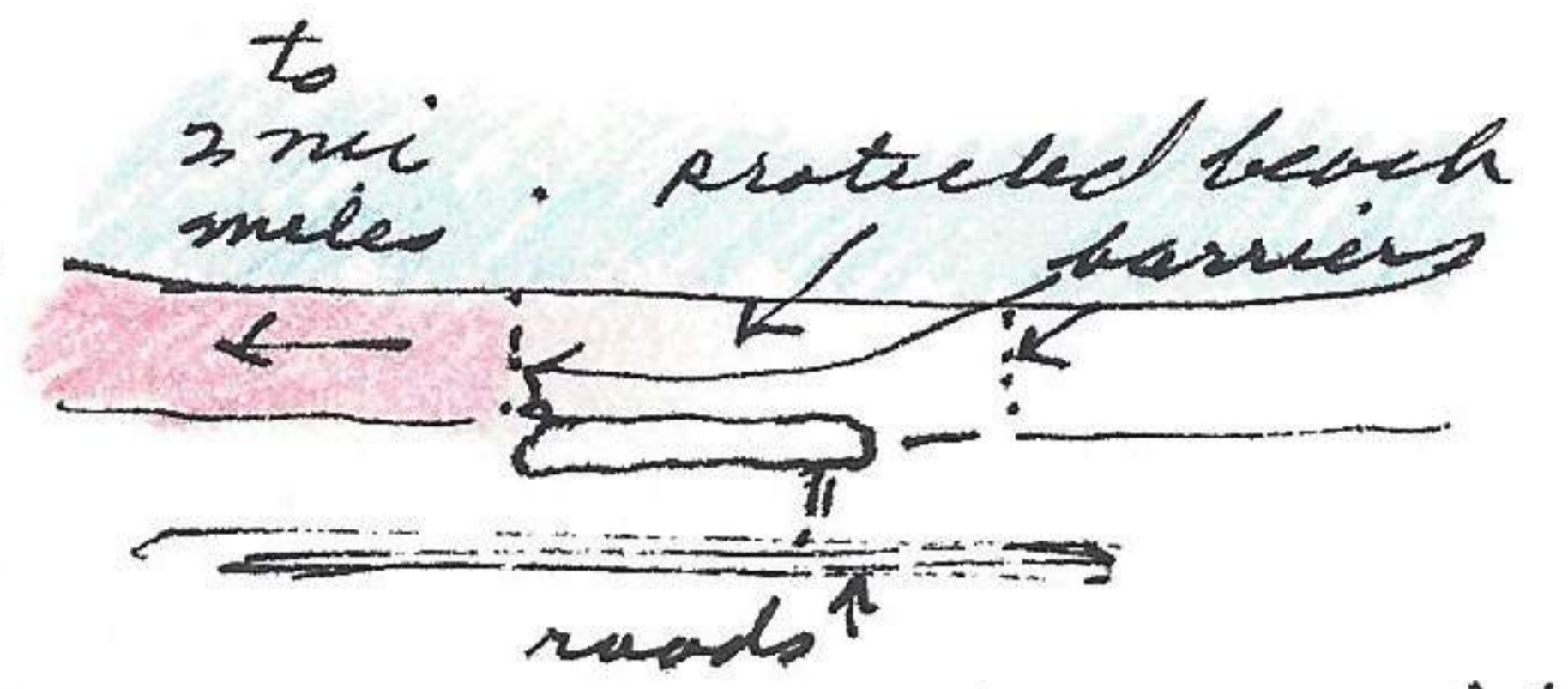
line of movement, sometimes chasing an individual away from group. My logic was that it was a psychologically irritated individual as one time it went landward some 80' from group and pursued its ghost adversary. This activity late evening and continued for 20 minutes at least. The members of the group did not retaliate but accepted the aggressiveness and always maintained group formation after each attack.

Window at rear of Barth measures 32 x 16 1/2 elliptical.

D. Ray Harrington Beach Unit of the Sea Rim State Park, Jefferson Co., Texas.

10:30-11:00 April 6, 1982

Rechecked the area east of protected beach and found the bird composition and population as was yesterday evening.



It had not been disturbed by campers. In addition the tree swallows had increased last night dramatically to a population of 20,000 in 2 miles, the same beach area as census was made yesterday evening. With binoculars looking down beach, they appear as a mass of mosquitos. They were found 20' n of vegetation beach contact and 20 out onto the beach and seldom over 15' above the surface of the ground or vegetation. They were principally confined to actual contact of vegetation and beach where the greatest concentration of mosquitos were found. The general movement was from E to W as they hunted for food. Air nearly calm, ^{wind from N.} surf normal but active yesterday & evening. Swallows not feeding in marshland n of beach.

Left 211.6 at 12:00. First Barth we have seen coming from W. Will keep complete census. Sparrow hawk, 4 b.t. grackles. Above average tree swallows than we have seen on previous days. They are occurring in groups of 200-500 birds, all feeding at contact of beach and vegetation, some feeding down into stems of tall grasses. Between these concentration of tree swallows were fewer birds but more than we observed on previous days. Some birds were resting in middle of road and 3-5 road hill birds were found. The Fadden marsh wildlife Refuge at 213.5 at beginning of closed road. The area beyond has been officially closed for the last 2 years, but we were informed that it was passable. Redwing, b.t. grackle, tree swallows in this area. 215.7 Tree swallows continuous but some area they are absent as much as 1 mile. Striped skunk road kill, redwing.