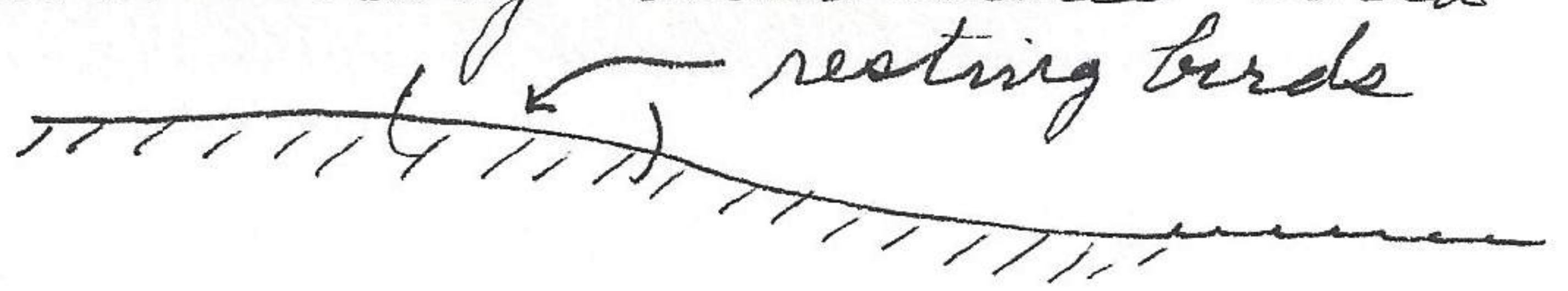


on the dry uplands 150' from water (lake). At times 80
 Dunlin also on the uplands and closely associated with
 the black-bellied plovers



Left ferry slip at Cedar
 Island at 1:00 P.M. Enroute
 to Ocracoke took photo 801120-1 of gulls following boat
 including ring-bills, laughing and herring gulls. Also
 801120-2^{and 3} of gulls and reflected water. Photo 801120-4
 of trailer. One group 10 Bonaparte gulls flew by
 one foot above water and in a single line. 6 others flew
 by over ferry. 18 cormorant passed by in single file.
 also 15 brown pelicans. Swales approx. 15' wide and
 4 feet high. Arrived Ocracoke 3:10 P.M. on Ocracoke
 Island. Across Ocracoke Island noted 17 sparrow
 hawks, 4 marsh hawks, 8 redwings, gull or gulls about
 1 per 3/10 miles, no view of ocean except by trail to water.
 no ponies, many gulls at ferry. Left Island 5:00 P.M.
 usual number birds but as we approached Hatteras
 there was a dramatic increase in all birds especially
 gulls and cormorants. Channel varied but well marked.
 Continued on to Sea and Sea & Surf soup grounds.

Sea and Surf Camp Grounds, about 4 mi. N E Hatteras City,
Hatteras Island, N. Carolina.

Nov. 21, 1980

Min Temp. last night 50°F. At 8:10 still raining.
 Clouds arriving from ocean and from mainland seaward.
 As the mainland clouds struck the landward winds &
 clouds they were turned back and reversed direction at a
 lower level. Even though raining, 6 gulls & 4 crows
 flew over camp. (60°F, 70% humidity, barometric temperature
 high). One flock 28 redwing blackbirds came into camp.
 3 brown pelican in air while raining. Left at 8:40 A.M.
 3 crows along road at Duxton. One group 20 crows, King-
 fisher. At Cape Hatteras Light house observed turnstone,
 4 willet, 4 sandwing & laughing gull. Raining hard.
 At light house climbed to top (274 steps). Surf in a
 belligerent mood and can see why so many ships have
 been lost in this area. Caretaker of museum said the
 wind direction deal was needing repairs as it was swinging
 from N to S until I informed her of the observations of