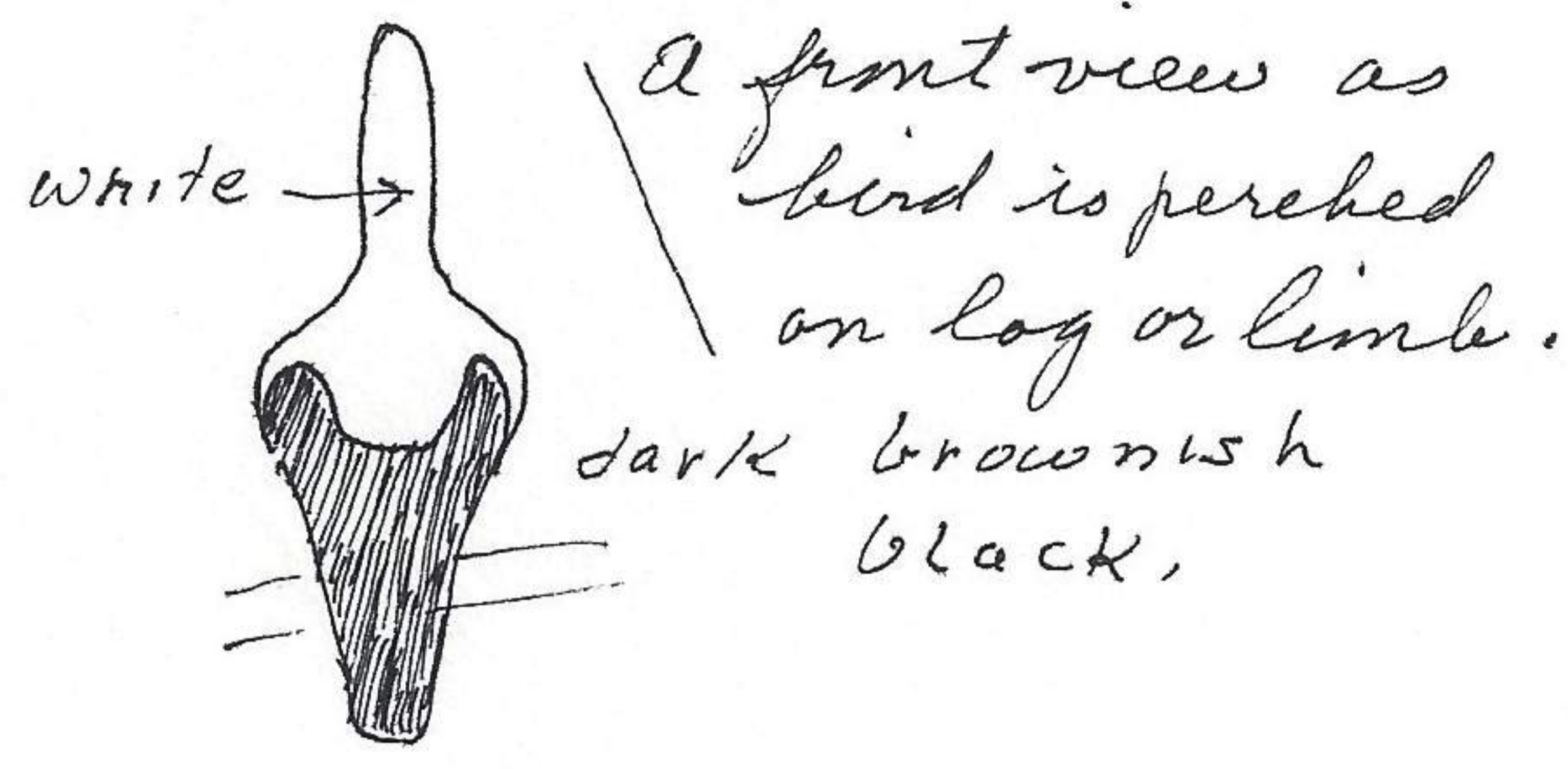


should be open grass meadows are now becoming forests with plantings by Corps of Engineers. The S side of this peninsula should be prairie. SW corner 8 coast only. Grasshoppers active. at 9:35 at NW corner counted 209 double crested cormorants, all resting on emergent logs except 30 which were feeding at random in the bay to W & NW. Some had necks and chests almost white and this varied to those in which the same area was dark brown to nearly black. Even though I drove the car on beach circle road the cormorant did not leave. 1600 loat rested on shore or emergent debris, another 500 feed at random in water beyond.



or rested on the water while 600 Franklin gulls searched the water from the air. The greatest concentration of waterfowl were farther up the NW Channel from the bend of the channel to the eastern limits of its course. From four positions on the north side of the peninsula made the following observations (see following map) of the area. In addition to the gulls noted above were approx 5000 Franklin gulls and 300 ring-billed gulls were resting on and near a spit of sand and mud. The Franklin gulls have noticeably darker backs and wings than the ring-billed or Bonaparte gulls. The posterior edge of wing is bordered by a white zone and the area between the upper surface of wing and black wing tips is white in the Franklin gull. 99% of Franklin gulls have black on heads from complete to bald front to reduction (1% or less) of black only around the eye. The 3 Bonaparte gulls all have a distinct black spot on a pure white head back of the eye. Dark legs separate Franklins from ring-billed gulls.

300 ring-billed gulls ^{in air} fed,

409 white pelicans rested on sands near water. at 1:45 they started to leave and formed long single lines just above the water as they flew down channel and 5 around point. All but 40 left in about 5 minutes and the remaining, except 3 left between 2:20 and 2:35 P.M. The pelicans flew only 2 or 3 feet above the Franklin gulls which did not react to their (pelicans) presence. as the initial group left one pelican walk thru gulls and swoon out of the area in the same direction taken by the pelicans in flight. One of the three remaining had a dark brownish material on upper edge of wing (when resting on ground. Pelicans have some darkening of this area but never this amount & intensity

