

a marine turtle was found where sands had blown away and left an early surface exposed. Collected neural bone and some other bones from the disarticulated skeleton fragments.

Birds at channel at NE end of State Park: 8 sandwing, 1 black skimmer, 4 greater yellowlegs, 4 dunlin, 1 reddish egret, 1 little blue heron, 1 green heron, 1 Louisiana heron, 3 snow egret, 1 dead black-bellied plover, 1 least sandpiper, 1 royal tern.

noted oysters to 2" on granite breakwaters.

Collected largest Atlantic cockle 117 mm greatest diameter. One 115 traced. Largest pen shell 226 mm.

There were no birds on beach from camp NE to channel. 150 cormorants flew by over water.

while checking birds this A.M. made the following photos:

831230-1 ice on facet at camp.

831230-2 ibid.

831230-3 plastic trash SW bank of channel NW of highway bridge which is NE of camp. Most plastic bags of garbage dumped by people driving over bridge. Current carried NW instead of out to gulf.

831230-4 representative fish species from late low temp kill in shallow bays, including 2 species sea trout, box fish, sheep head, perchlike fish, etc.

831230-5 pen shell SE end breakwater channel. Recorded outline of largest.

831230-6 miscellaneous low temp fish kill at water edge SE end breakwater canal. These are different from those NW of bridge. They are:

831230-7 group placed starfish temp killed in same area as above

831230-8 large fish 3' long on main beach just SW of breakwaters.

831230-9 grasses on sand on dune.

831230-10 ibid.

Oil on beach, largest 10" and 1-4" thick and at least every 3'. This oil also on rocks of breakwater and on shells and inland from beach. Mainly from tankers cleaning tanks.

Left camp and drove to Corpus Christi. Enroute observed 2 marshhawks. One group in pond of 8 redheads, 10 baldpates & 6 coot. Crossing causeway counted 15 great blue herons, 10 on W side & 5 on east side. Also 2 reddish egrets, 8 gulls, approx 4000 ducks and many shore birds. After visiting Corpus Christi. Drove to Padre Island National Seashore.