A Catastrophe for Wildlife

By Scott Thurber

In the brief period since Monday's tanker collision. volunteers in the Bay Area have picked up mowe oil-soaked seabirds than were rescued in the two months following the Santa Barbara oil spiif of

The oil is still on local waters. If it coats beaches. mudflats and tidepools in local wildlife areas, it could kill off substantial food sources of the surviving seabirds. These foods include ghost shrimp, clams, mudworms, and other small water organisms.

Bay Area wildlife experts and spokesmen for the still largely-uncoordinated wildlife rescue-and-protection effort offered some discomforting statistics yesterday

- · So far, about 2000 birds - admittedly a rough estimate - have been collected in shoreline areas and taken to various special centers for cleaning and protracted, treatment. The two-month figure in the Santa Barbara area was 1600, sources there said vesterday
- Although there have been relatively few deaths among the seabirds collected, cleaned, and treated in haps most - may die before the treatment is ended. In the Santa Barbara area. less than five per cent survived.
- fected bay and ocean-front periods to a minimum early



Mike Vardas of Daly City cleaned a duck at Stinson.

waterbirds were found in the vesterday afternoon. Santa Barbara area

still threatened-and it was recurringly threatened with each high tide-was Bolinas lagoon, one of the major seathe Bay Area, many - per-bird sanctuaries on the Pacific Flyway.

A combination of suspended "booms" across the channel entrance-interspersed · Nobody has made any with thick layers of absorbattempt to count dead sea- ent straw-kept oil-intrusion birds along the various af into the lagoon at high tide hopefully:

areas. More than 5000 dead yesterday morning and again

Clerin Zumwalt, a lagoon The major wildlife area expert who serves as naturalist for the nearby Audobon Canvon Ranch, said he spotted only a few small patches of thin oil on the lagoon surface near its south (seaward) side yesterday.

> traces of oil on the lagoon's moult." beaches-or oily birds along its shores.

-"So far, so good," he said

Inside the Bay, there ap-

peared no imminent threat to the most valuable areas initially threatened-in the Richardson bay section barring a return of the main oit slick.

Norman McIntosh, curator of the Audobon Society's big Richardson Bay Wildlife Sanctuary, said he was taking no chances.

Beaches around the sanctuary were covered with straw at low tides - to absorb any oil which might drift in of the high tides.

If the beach and mudflat areas should become coated with oil, he said, "in essence it would pave the beach and rocks just as though you put down heavy asphalt for a

He said it would cut off air so, that the "little creatures" in that habitat couldn't breathe.

Zumwalt said the oil spill posed little danger to fish. Most fish in the Bay Area, he said, are deep feeders and only surface - feeders he said there are a few of these, mostly carp, in the bay itself) would be threatened by the surface oil.

Dr. Lawrence Binford, ornithologist and assistant curator of the California Academy of Sciences said treated birds must be kept in captivity and under special care for months before they are He happily reported no released - "until they

It takes them that long to regain the natural oils in their feathers which insulate them and enable them to float, he said.