

Block Island Marine Program 2024 Field Season



Great Salt Pond

Beach Seine Survey



Fish Pot Survey



Bay Scallop Survey



6 projects

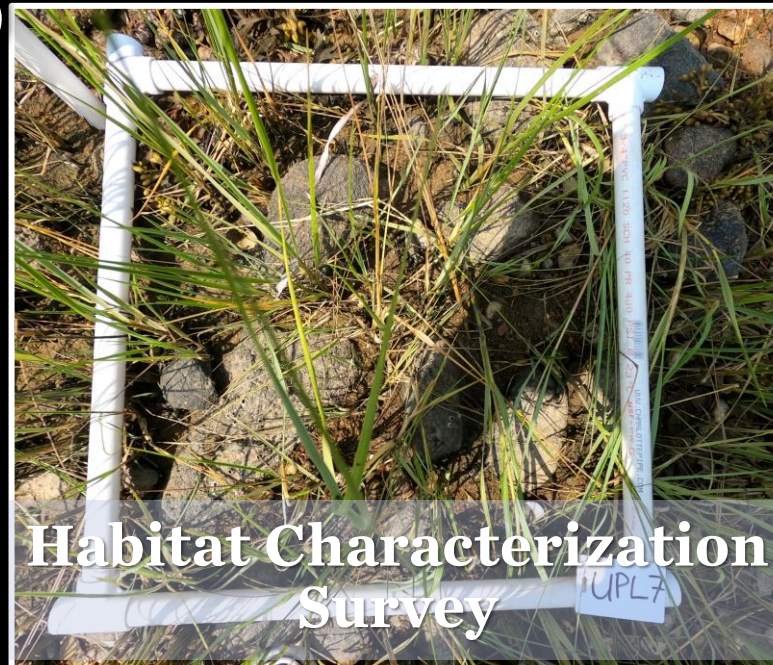
Salt Marsh Monitoring



Water Quality Monitoring



Habitat Characterization Survey





**All made possible thanks to
our seasonal staff!**

Beach Seine Survey



60 seine sets



A close-up photograph of a person's hand holding a small, yellow and white striped fish. The fish is positioned in the center of the frame, resting on the palm. The background is a blurred blue, suggesting water. The text is overlaid on the image in a large, white, bold font with a black outline.

**74 different species
caught in seine survey
19,482 finfish
566 invertebrates**

A person with dark hair tied back, wearing a dark t-shirt, is leaning over a white ruler and measuring a small, flat fish. The fish is held against the ruler's edge. The ruler has markings in both inches and centimeters. In the background, there is a body of water, a sandy beach, and some trees under a cloudy sky. The legs of other people are visible on the left and right sides of the frame. A purple bucket is partially visible in the bottom right corner.

**766 juvenile winter flounder
recorded for seine survey**



**71 blue crabs measured
during the seine survey**



Fringed Filefish



Spotfin Butterfly



Grey Snapper

**6 new species added to
time series list**



Snowy Grouper



Short Bigeye



Permit

11
years
of data



A black wire mesh fish trap is shown, filled with several fish. The fish are mostly silver with a pinkish-red tint, likely a species of wrasse or similar. They are packed closely together in the trap. Some seaweed and other marine debris are also visible inside the trap. The trap is set against a light-colored, possibly concrete, background.

Fish Pot Survey



28 eel
pot
hauls



**11 different species
caught in fish traps
826 fishes
445 invertebrates**



**708 black sea bass caught
in eel pots**

**261 green crabs caught in eel
pots**



9 years of data





Bay Scallop Survey



**514 bay scallops observed
along transects**



18 years of data

Salt Marsh Monitoring



**24 fixed vegetation plots
surveyed**





**4 bird
surveys
conducted**

9 years of data





Water Quality Monitoring

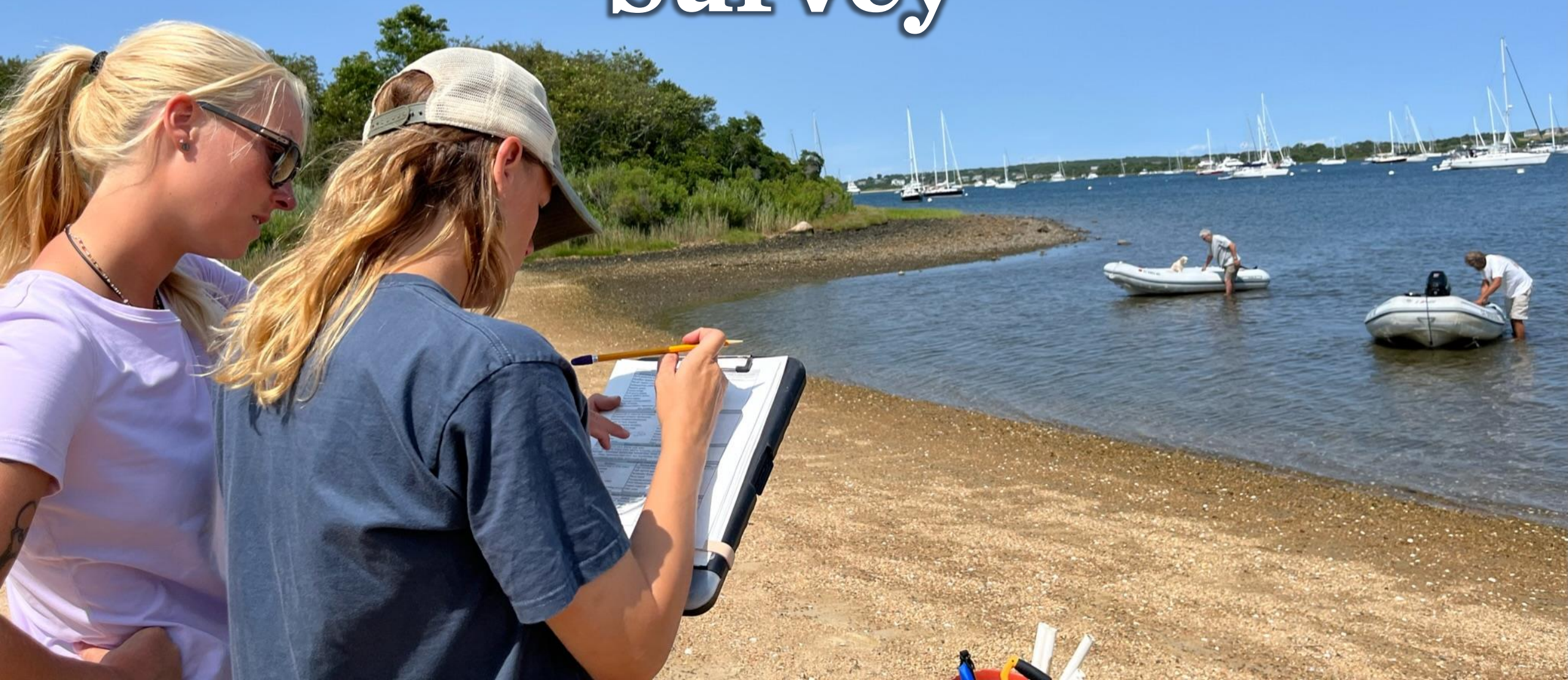
**1,356 data
points
recorded for
temperature,
salinity,
dissolved
oxygen**

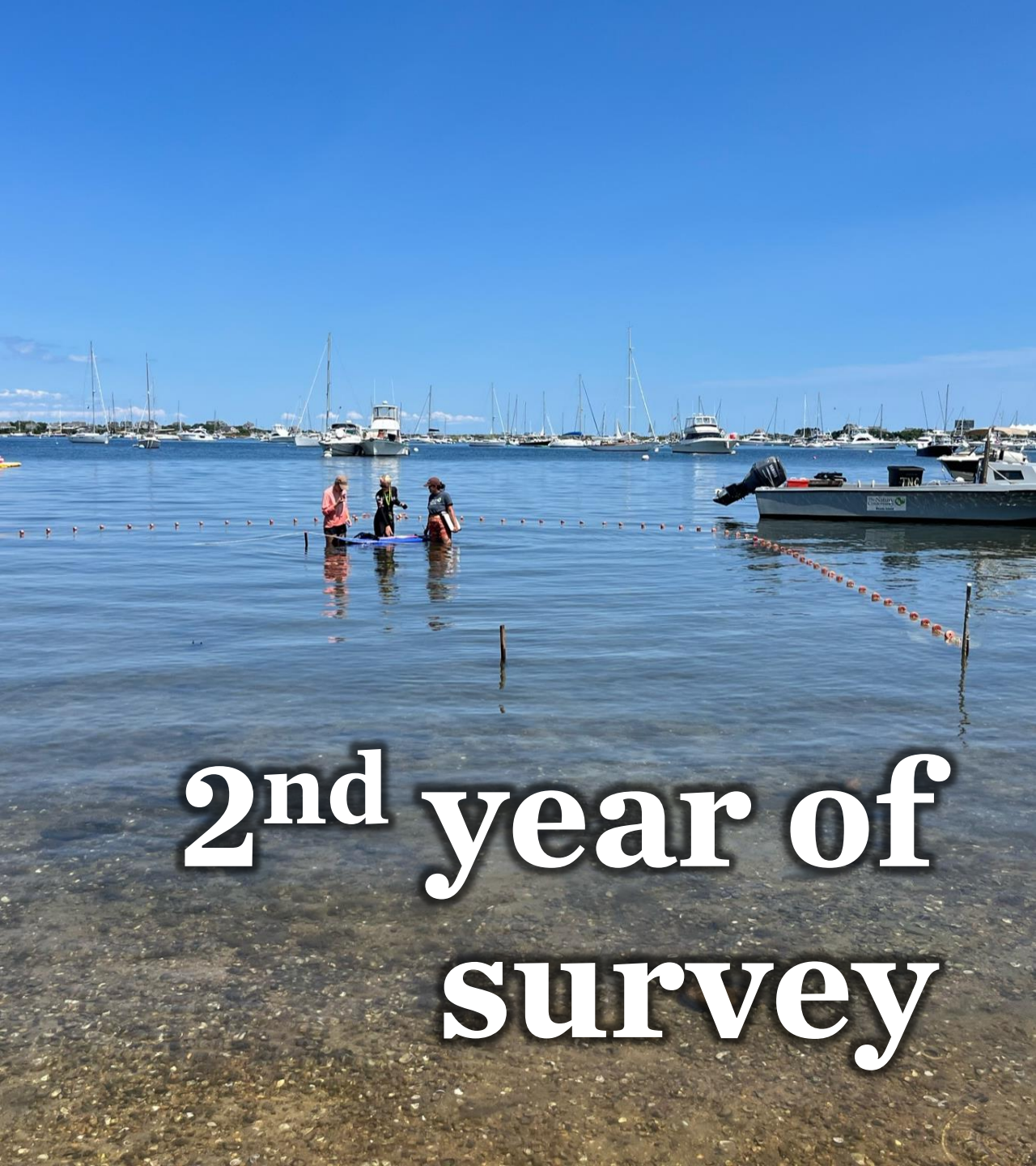


8 years of data



Habitat Characterization Survey







Nature Programs



11 marsh mucking programs



14 marsh mucking programs

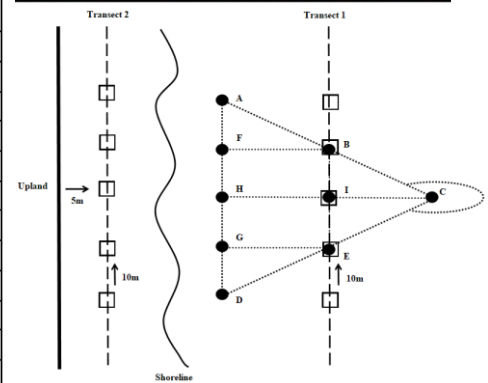
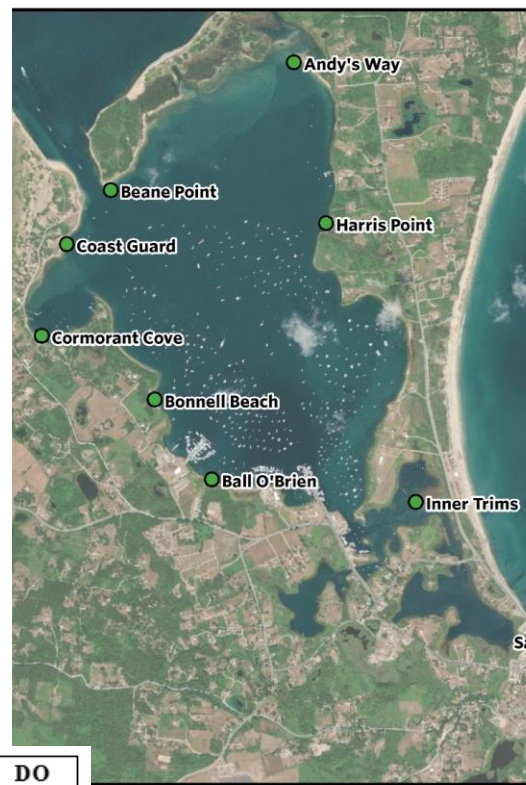
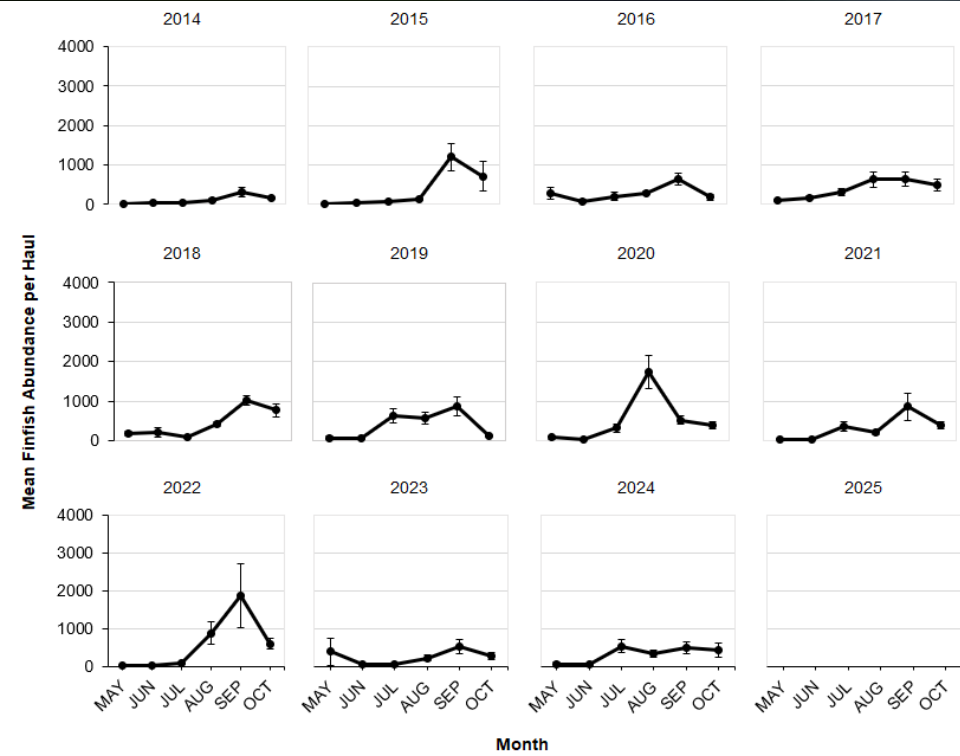
16 seine programs in Old Harbor



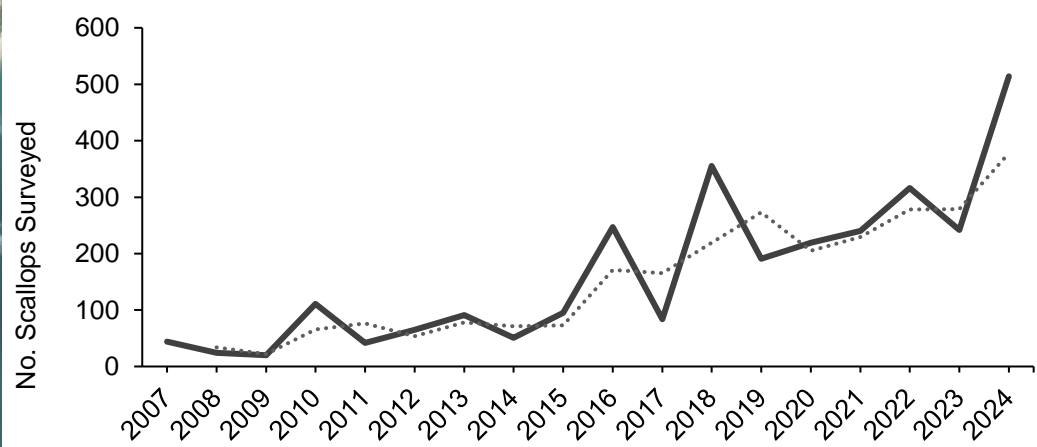


All photos are courtesy of ©TNC

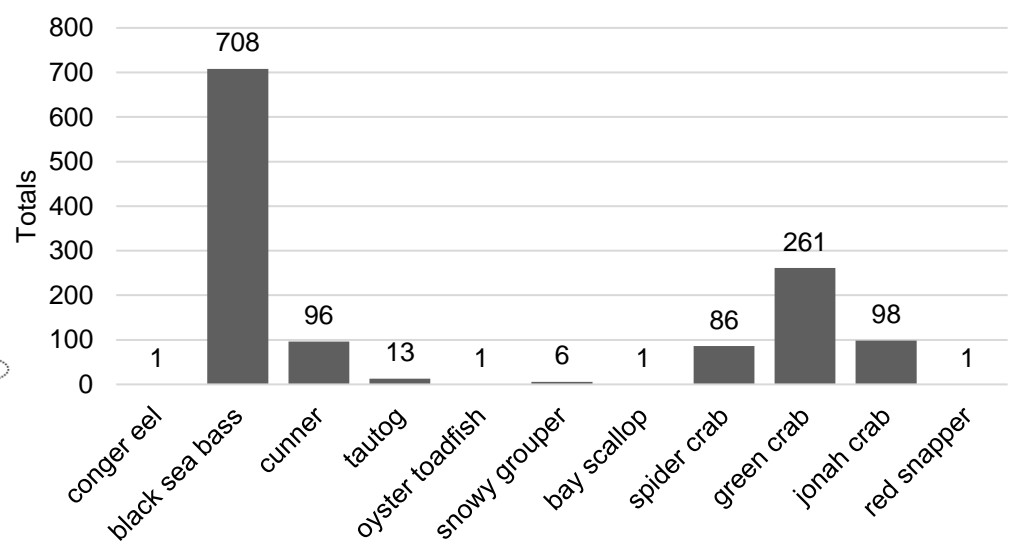
Time Series Outcomes



Bay Scallop Survey Totals, 2007-2024



2024 Fish Pot Species Abundance



Site	Month	Temp. (°C)	Sal. (ppt)	DO (mg/L)	Site	Month	Temp. (°C)	Sal. (ppt)	DO (mg/L)
Harris Point	MAY	14.3	28.32	9.11	Cormorant Cove	MAY	14.8	28.84	9.08
	JUN	14.4	29.58	8.88		JUN	14.0	29.72	8.96
	JUL	25.2	30.11	7.14		JUL	21.0	30.16	8.03
	AUG	29.9	28.89	8.60		AUG	23.8	28.23	8.22
	SEP	24.5	30.93	7.82		SEP	22.7	30.51	7.95
Andy's Way	OCT	19.3	29.87	8.69		OCT	18.3	29.92	8.71
	MAY	16.1	28.24	9.12	Bonnell Beach	MAY	14.8	28.93	9.01
	JUN	14.4	30.11	8.67		JUN	14.5	29.76	8.84
	JUL	25.5	30.85	7.91		JUL	22.1	30.14	8.13
	AUG	24.7	30.04	8.40		AUG	24.0	30.01	9.00
	SEP	24.8	31.00	7.99		SEP	24.8	30.49	7.98
	OCT	19.9	29.92	8.72		OCT	19.1	29.66	8.81