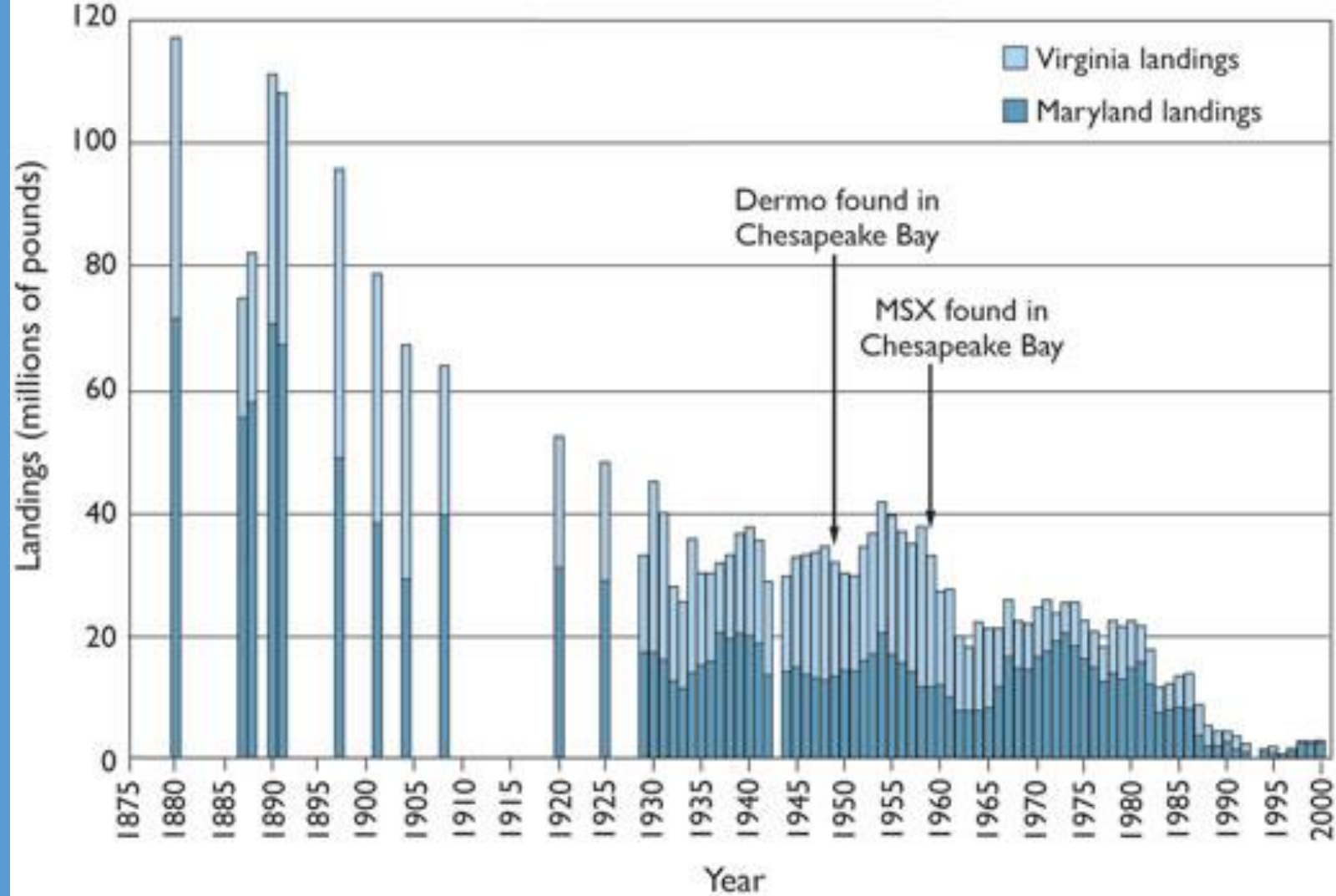
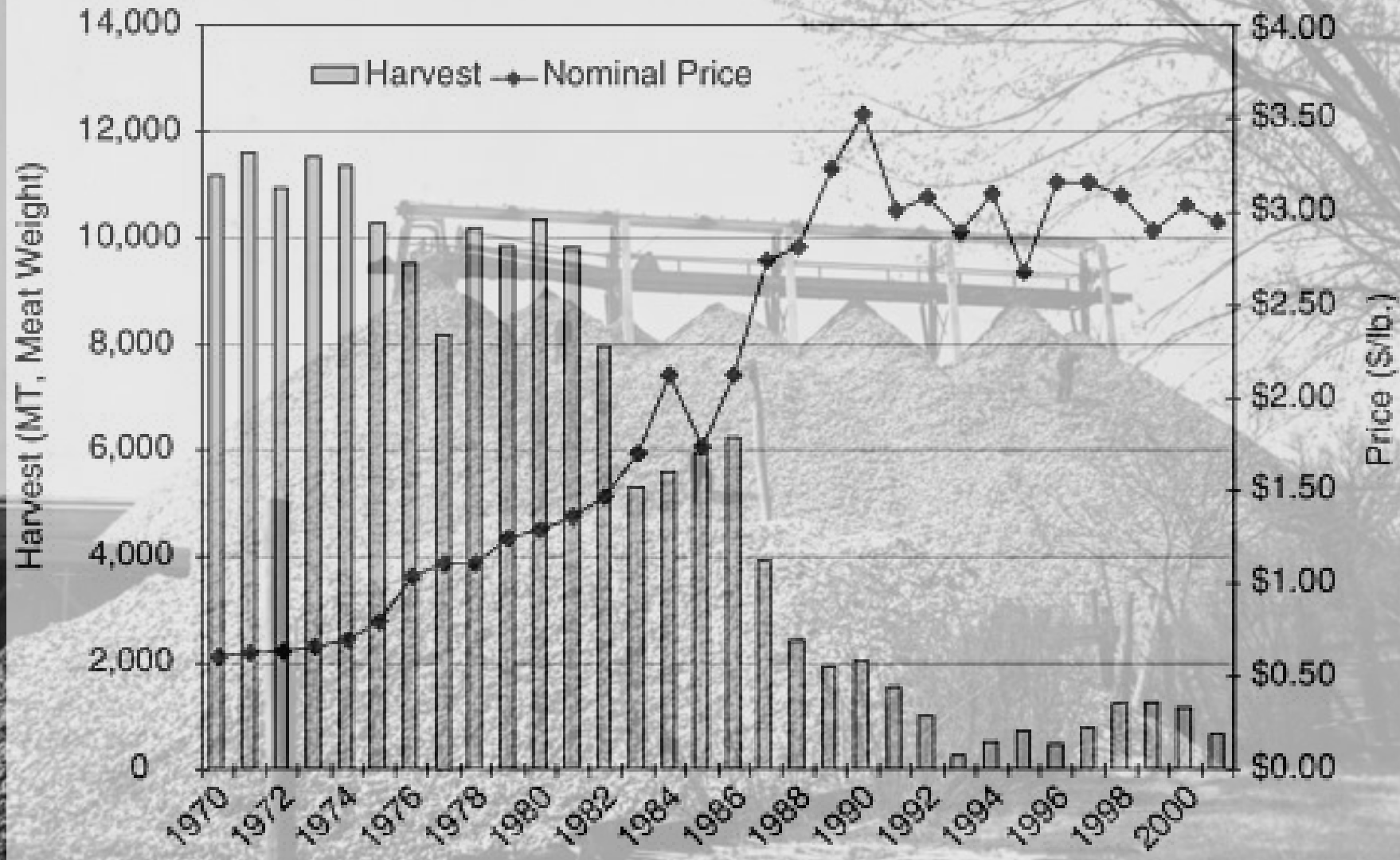
An underwater photograph of a rocky reef. The rocks are covered in green algae and oysters. The water is slightly murky, giving the scene a greenish-yellow tint. A blue rectangular box is overlaid on the lower half of the image, containing white and yellow text.

Large-Scale Oyster Restoration and Ecosystem Services

Sean Corson
NOAA Chesapeake Bay Office





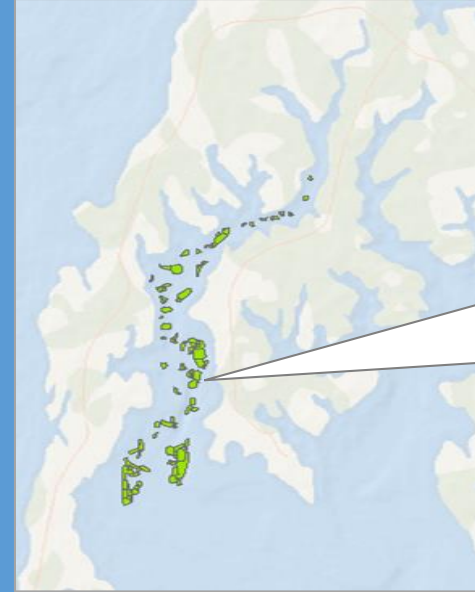
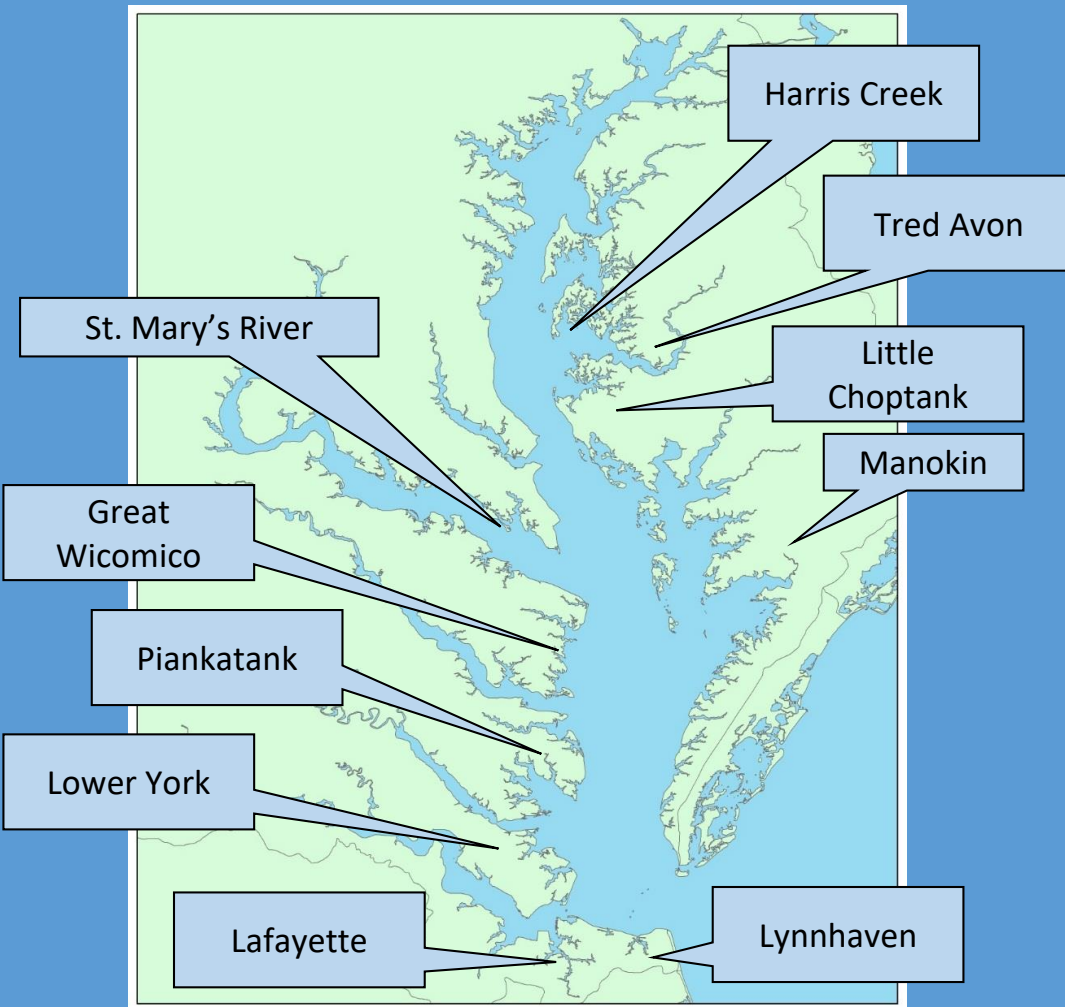


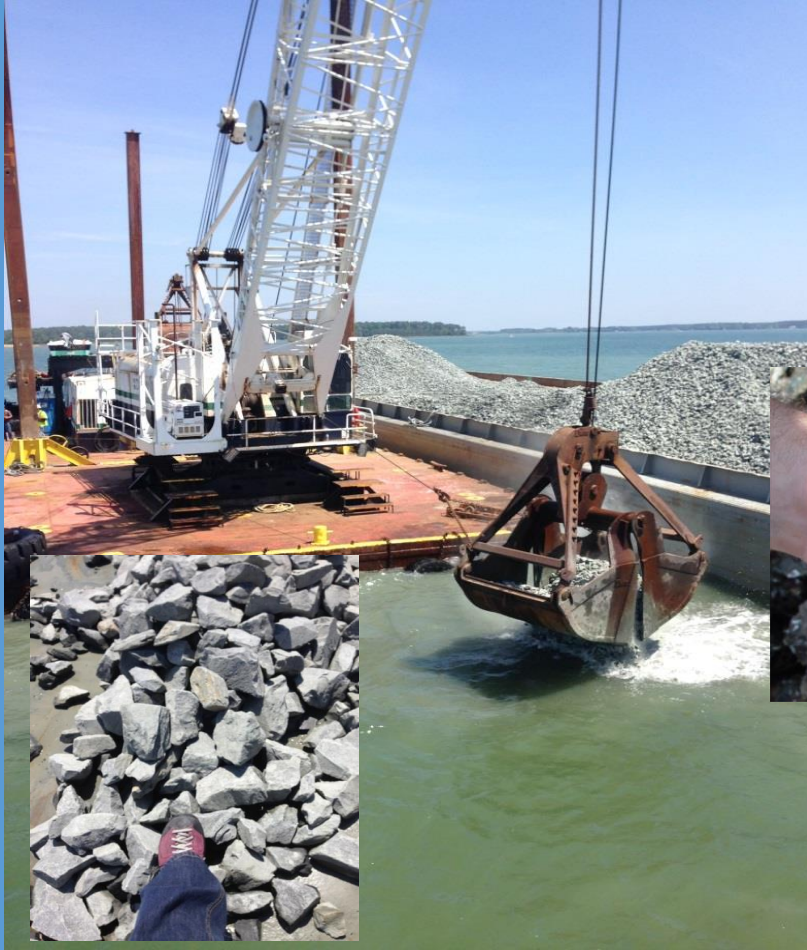
Chesapeake Bay Watershed

- 64,000 square miles
- 11,684 miles of shoreline
- 150 major rivers & streams
- Home to over 18 million people

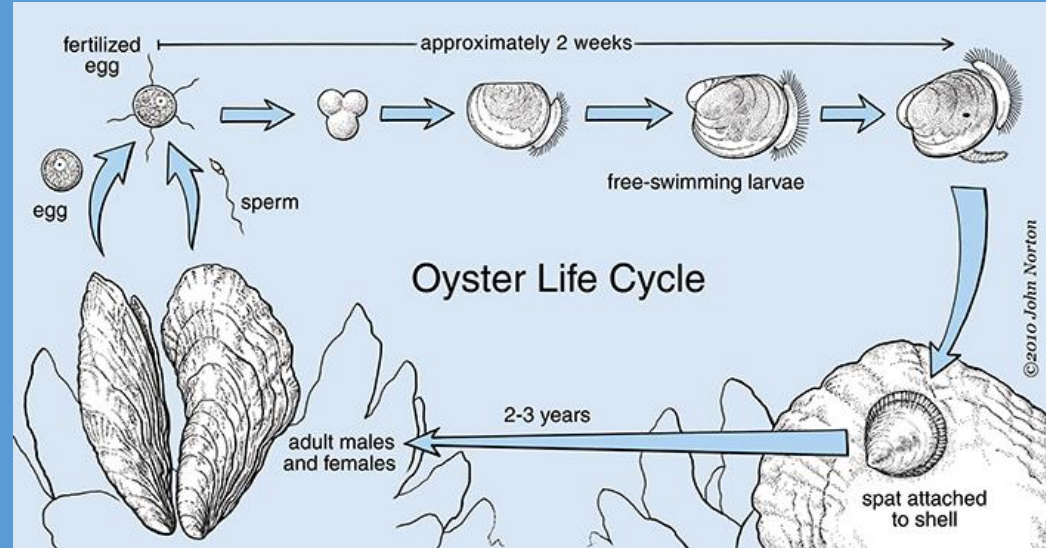
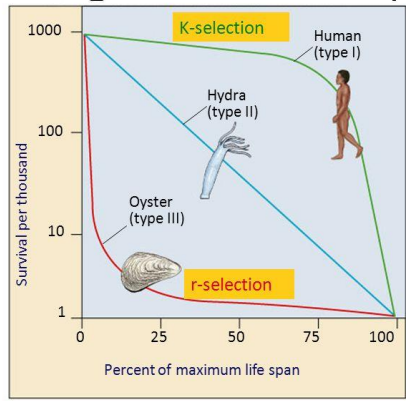


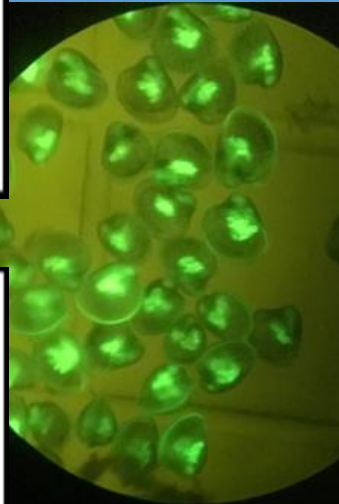
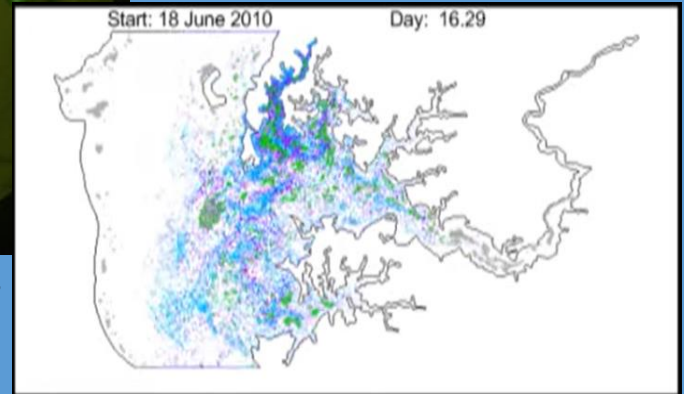
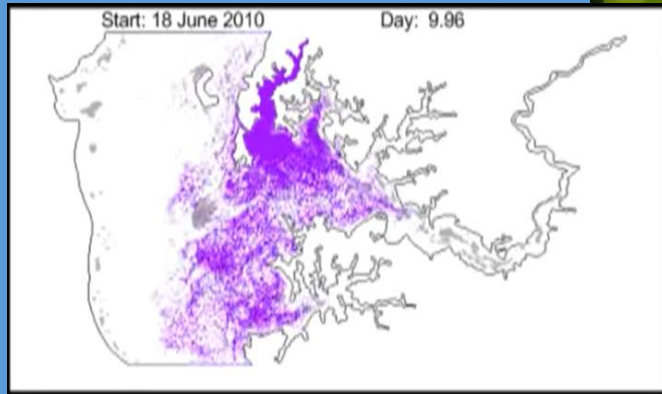
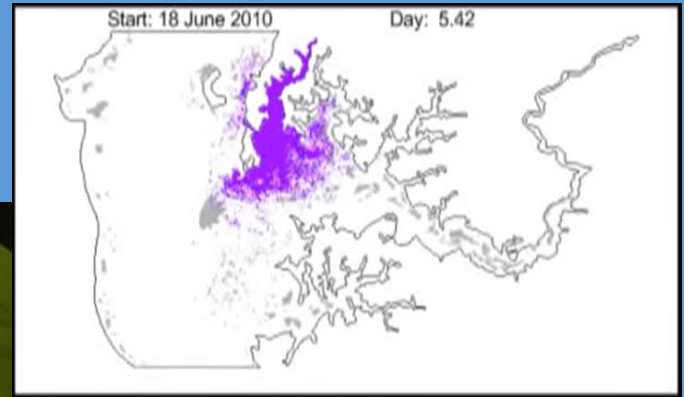
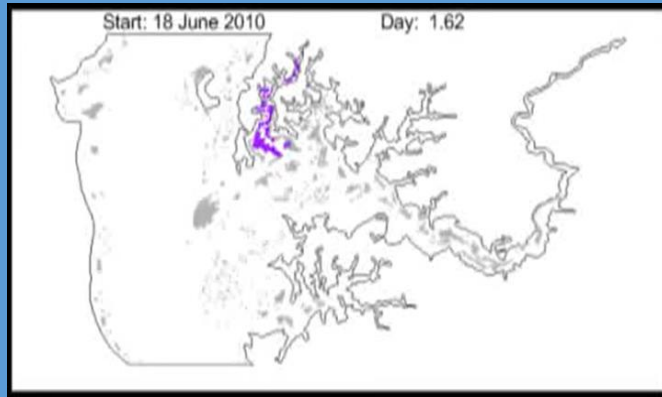
Photo: Oyster Recovery Partnership





Life strategies & survivorship curves





Casein marker exp: J. Spires

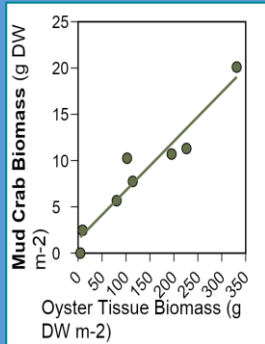
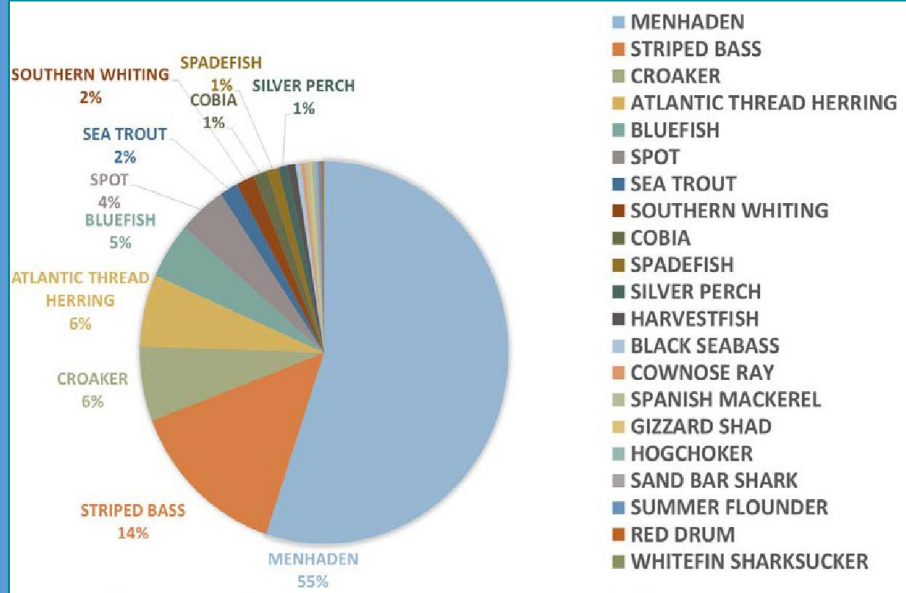
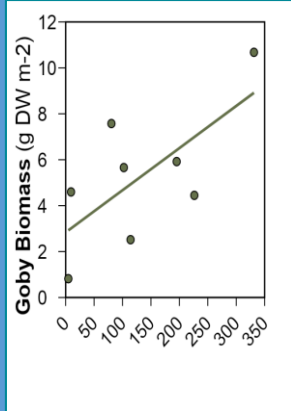
Score = 0

Score = 1

Score = 4

Score = 2

Score = 3



Silver Perch Mean Daily Consumption Rate

Month	Habitat	Consumption (S.E.)
July	Reef	0.020 (0.007)
	Control	0.011 (0.006)
Sept	Reef	0.018 (0.005)
	Control	0.003 (0.001)

Macrofaunal Biomass =
Oyster Volume $R^2 = 0.39$ $p < 0.0001$

