RESULTS of Sunset Seining Fish Survey

Saturday, July 10, 2021

Keyport Harbor - Cedar Street Beach

View full color email with pictures here: <https://mailchi.mp/b0fdff51d933/results-of-sunset-fish-survey-along-keyport-harbor-july-10>

Time: 8:00pm - 9:10pm (approx)

Moon Stage: New Moon

Air Temperature = 77 degrees F

Water Temperature = 82 degrees F

Winds = Light winds from south

Salinity = 21.5 ppt

Turbidity = 1 foot, very cloudy with lots of sea lettuce (Ulva)

Tidal Stage = Incoming tide (High tide - 8:59pm)

Seaweed = Sea lettuce (Ulva) - In great abundance along the edge of the beach!!

50+ Atlantic Silversides (Menidia menidia)

About a quarter of the catch were Young of the year (YOY) hatched from eggs within a week of the fish survey.

5 ~ Striped Killifsh (Fundulus majalis) all males

5 ~ Isopods: marine invertebrates that belong to the greater crustacean group of animals, which includes crabs and shrimp.

2 Grass Shrimps (Palamonetes species)

1 juvenile male Blue-claw crab (Callinectes sapidus)

1 juvenile male Blue-claw crab: soft-shell and in process of molting.

Lots of Copepods in the water. A member of the widely distributed crustacean subclass Copepoda. Copepods are of great ecological importance, providing food for many species of fish.

On the beach, we found the skull of an adult bluefish (Pomatomus saltatrix) and an adult Atlantic menhaden (Brevoortia tyrannus).

Save Coastal Wildlife conducts aquatic surveys to take the pulse of a local aquatic ecosystem. It's a way to gain an insight into the health of the near shore environment where many people swim and enjoy the water. It’s a chance to see what is living in local waters without harming sea life.