

# RESULTS of Full Moon Seining Survey

## Saturday, October 3, 2020

### Sandy Hook Bay

Location: Bayshore Waterfront Park, Port Monmouth section of Middletown Township, NJ.

Time: 8:30pm - 9:40pm

Moon Stage: Full Moon (98%)

Air Temperature = 57 degrees F

Water Temperature = 68 degrees F

Winds = NorthWest light

Salinity = 25 ppt

Turbidity = 3 feet, clear up to chest.

Tidal Stage = Incoming (high tide at 9:42pm)

Seaweed = Sea lettuce (*Ulva*), Red seaweed (*Callophyllis cristata*), Bladder Wrackweed (*Fucus*) - none in abundance.

100+ Salpes (*Salpidae*)

20+ Comb Jellies (*Ctenophora*)

20+ Atlantic Silversides (*Menidia menidia*)

\*\*\*1 silverside fish had a parasite.

2 juvenile Blue-claw crabs (*Callinectes sapidus*)

3+ Estuarine isopods (*Isopoda*)

1 Juvenile Striped Mullet (*Mugil cephalus*)

Along the edge of the beach was a long line of molts from Common Spider Crabs (*Libinia emarginata*).

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 and even some species of whales.

Save Coastal Wildlife conducts these 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.