

From: Reidar Toresen

1 HMS

Nothing observed or reported.

2 Activities and comments

Today, we deployed a drifter, which will be sending data in 6-12 months. The drifter dives to 500 m and slowly moves to the surface. It sends data on temperature, salinity, fluorescence, oxygene to a lab on shore. It drifts with the currents.

We regularly trawl for fish. When we see fish on the echosounder, we trawl applying a fine meshed pelagic trawl. We have only seen mesopelagic fish so far, but it is a very interesting group of fish. It is widely spread over large areas of the oceans. It will be interesting to see if we will have registrations of mesopelagic fish all over the ocean.



Observing for larger plastic particles in the surface.



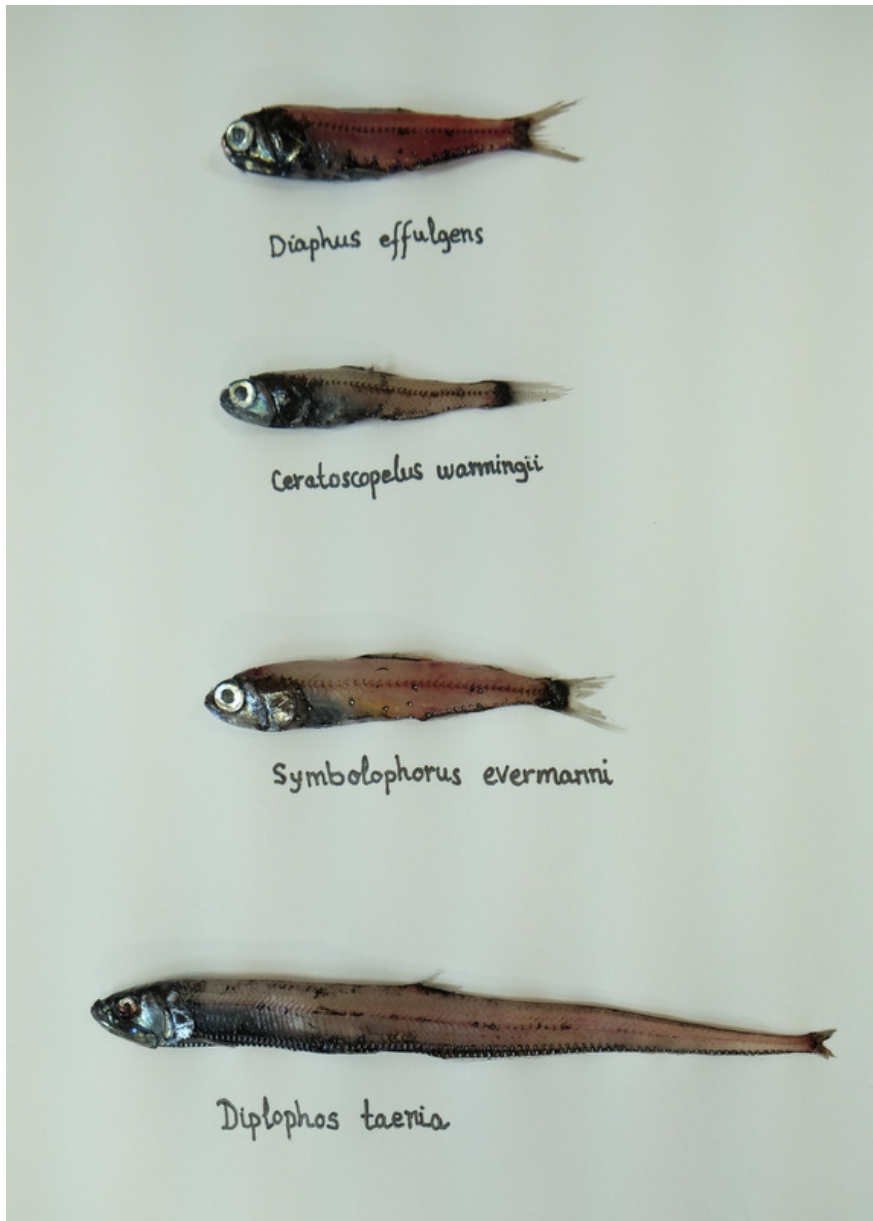
Deploying a drifter for collection of oceanographic data, “Dr Fridtjof Nansen, 5. July 2015

3 Weather

Temp 25°C,
Wind: light breeze from east, sunny
Waves 3

4 Tomorrows schedule

Steaming towards west, along the 20th degree S. Doing sampling every 150 nautical miles, Trawling for mesopelagic fish in between the ecological stations.



The species of mesopelagic fish which occur most often in the trawl catches.

5 Prognoses

We are now entering the south Indian Ocean gyre, and it will be interesting to see if production, plankton, fish change as we move westwards.

6 Problems during field work

No problems today.

7 Future plans

We plan to do stations all the way to Mauritius.
