

Plankton net

Profession: Collect microplankton organisms from sub-surface at night



Target : Microplankton (20 - 200µm) organisms



Fleming Rio de Janeiro (BR)

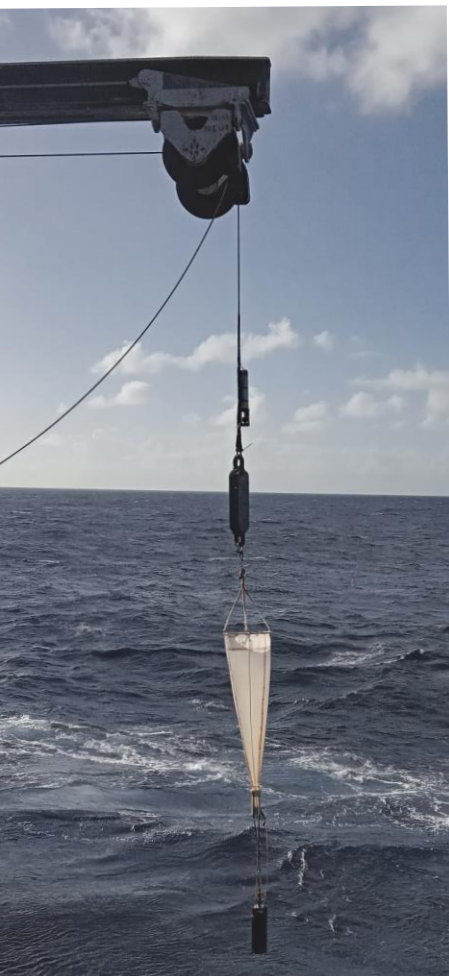


Underwater



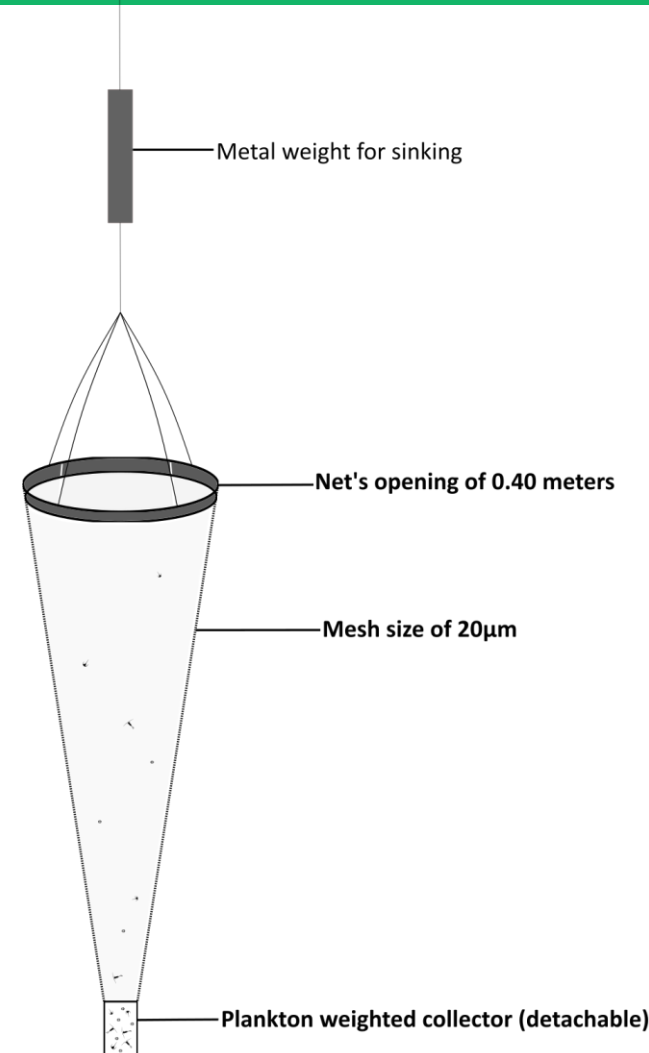
400 €

Professional overview



Phytoplankton net getting pulled back to the ship © Luis Chomienne

1. **Deployed with a crane.** A **metal weight** keep the net **straight up** in the water column.
2. **Filtering** water between the surface and **200 meters** depth.
3. **Collect microplankton** (size from 20µm to 200µm) in the water column.
4. **Cleaned** with water to retrieve organisms remaining attached to the net.



Education

- Since the invention of Nylon, the plankton net became cheaper (as it was made of silk before) and more accesible

Skills highlights

- Collect phytoplankton for further **counting** and **identification**
- It allows us to know the distribution of **phytoplankton taxa** in the water column
- Species can be **isolated** for **DNA analysis**

Interests & curiosities

Similar nets for Microplastic collecting

Other devices can be attached under the net (ex : Fluoroprobe)

Can also be used for zooplankton collecting

Can be deployed at any depth