Dataset name: **Salp size distribution and reproductive stages**

|  |  |
| --- | --- |
| Parameters: | * **Oral-atrial length per individual (mm)**
* **Reproductive stage determination per individual**
 |

PROJECT TITLE: **MOBYDICK**

Oceanographic cruise: **MOBYDICK**

Start date: **18/02/2018**

End date: **27/03/2018**

Project manager: **Bernard Quéguiner** bernard.queguiner@mio.osupytheas.fr

Address: **Mediterranean Institute of Oceanolography**

 **Institut Pytheas - Observatoire des Sciences de l'Univers**

 **Bâtiment OCEANOMED, Campus de Luminy, case 901**

 **F-13288 Marseille Cedex 09, France**

Chief scientist: **Ingrid Obernosterer** ingrid.obernosterer@obs-banyuls.fr

Address: **Laboratoire d’Océanographie Microbienne**

 **Observatoire Océanologique de Banyuls sur mer**

 **66650 Banyuls sur mer, France**

 Geographic information: **Indian sector of the Southern Ocean**

 Latitude: **49.5°S – 52.5°S**

 Longitude: **67,0°E – 74.5°E**

Parameter supervisor: **Evgeny Pakhomov**

Department of Earth, Ocean and Atmospheric Sciences, University of British Columbia,

Rm. 2039, 2207 Main Mall,

Vancouver, BC V6T 1Z4, Canada

epakhomov@eoas.ubc.ca

Dataset contact: **Natasha Henschke**

Department of Earth, Ocean and Atmospheric Sciences, University of British Columbia,

Rm. 2017, 2207 Main Mall,

Vancouver, BC V6T 1Z4, Canada

nhenschke@eoas.ubc.ca

# OPERATIONS

## Sampling device(s)

Samples were collected from the mesopelagic trawl tows.

## List of stations sampled

Midwater trawls: M1, M2\_1, M2\_2, M2\_3, M3\_1, M3\_2, M3\_3, M4\_1, M4\_2.

# INSTRUMENTS

Instrument Type: Pelagic trawl

Manufacturer: Le Drezen

Model: Mesopelagos

Instrument Features / Calibration: N/A

# DESCRIPTION of PARAMETERS

## Measurement details

*Salpa thompsoni* individuals were picked fresh from each sample, and depending on the catch size between ¼ of the sample to the whole sample was processed at sea for demographic analyses. Salps were counted, sexed into oozoid or blastozooid forms, measured for body length (oral-atrial distance), embryo length and staged depending on reproductive maturity.

## Analytical procedure

N/A

## Units

* m

## Sensor precision

N/A

## Post-cruise data analysis/treatment required

Statistical analysis of length distributions, cohort analysis and reproductive maturity.

## Estimated Date of Delivery

Statistical analysis – 15 December 2018

# BIBLIOGRAPHY

TBD