

# Zooplankton abundance data from the 10m<sup>2</sup> MOCNESS from R/V Endeavor, R/V Albatross I, and; R/V Oceanus broadscale cruises in the Gulf of Maine and Georges Bank from 1995-1999 (GB project)

**Website:** <https://www.bco-dmo.org/dataset/2326>

**Data Type:** Cruise Results

**Version:** 1

**Version Date:** 2011-02-08

## Project

» [U.S. GLOBEC Georges Bank](#) (GB)

## Program

» [U.S. GLOBal ocean ECosystems dynamics](#) (U.S. GLOBEC)

Contributors	Affiliation	Role
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## Abstract

Zooplankton abundance data from the 10m<sup>2</sup> MOCNESS from R/V Endeavor, R/V Albatross I, and; R/V Oceanus broadscale cruises in the Gulf of Maine and Georges Bank from 1995-1999

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## Coverage

**Spatial Extent:** N:42.3 E:-65.848 S:40.45 W:-68.99

**Temporal Extent:** 1995-02 - 1999-06

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## Dataset Description

### Organism abundance derived from sampling by the 10 m<sup>2</sup> MOCNESS system

#### Important information:

- The catch from each net was subsampled and all animals in the subsample were counted.
- Due to the sheer volume of data, only those animals found were represented in these on-line data. *i.e.*, no animals with zero abundances were listed.

- The precision variation in the latitude and longitude numbers is as reported.
- Not all nets for all tows are represented here. Some nets came back empty.

**NOTE:** See the companion file containing the length measurements of the organisms screened. moc10data lengths (<https://www.bco-dmo.org/dataset/2327>)

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## Methods & Sampling

Zooplankton Data from the 10m2 MOCNESS.

## Data Processing Description

- The catch from each net was subsampled and all animals in the subsample were counted.
- Due to the sheer volume of data, only those animals found were represented in these on-line data. *i.e.*, no animals with zero abundances were listed.
- The precision variation in the latitude and longitude numbers is as reported.
- Not all nets for all tows are represented here. Some nets came back empty.

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## Data Files

File
<b>moc10_abund.csv</b> (Comma Separated Values (.csv), 1.85 MB) MD5:b896d8bf10d0fc91a50cb68b698347db Primary data file for dataset ID 2326

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## Parameters

Parameter	Description	Units
cruiseid	cruise identification	text
year	year, 4 digit year in YYYY format	unitless
month_local	month of year, local time, (01-12) in mm (01 to 12) format	unitless
station_std	standard station number	integer
time_of_day	Day or Night	text
time_start	time at start of tow, local time in hhmm format	unitless
time_end	time at end of tow in hhmm format.	unitless
lat	latitude (negative = South)	DD.D
lon	longitude (negative = West)	DDD.D
net	net number, one of 4 nets (1-4)	integer
depth_mid	depth at the midpoint of the opened net	meters
depth_interval	depth range sampled by the opened net	meters
vol_filt	volume of water filtered through the net	cubic meters (m <sup>3</sup> )
species	species name	text
phylum	organism classification by phylum	text
abund	species abundance in number of animals per 1000 cubic meters	number per cubic meters (n/1000 m <sup>3</sup> )
order	organism classification by order	text
family	organism classification by family	

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## Instruments

<b>Dataset-specific Instrument Name</b>	MOCNESS10
<b>Generic Instrument Name</b>	MOCNESS10
<b>Dataset-specific Description</b>	MOCNESS 10 meter square nets (3 millimeter mesh).
<b>Generic Instrument Description</b>	The Multiple Opening/Closing Net and Environmental Sensing System (MOCNESS) is based on the Tucker Trawl principle (Tucker, 1951). The MOCNESS-10 (with 10 m <sup>2</sup> nets) carries 6 nets of 3.0-mm circular mesh which are opened and closed sequentially by commands through conducting cable from the surface (Wiebe et al., 1976). In this system, "the underwater unit sends a data frame, comprising temperature, depth, conductivity, net-frame angle, flow count, time, number of open net, and net opening/closing, to the deck unit in a compressed hexadecimal format every 2 seconds and from the deck unit to a microcomputer every 4 seconds" (Wiebe et al., 1985).

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## Deployments

**EN261**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57401">https://www.bco-dmo.org/deployment/57401</a>
<b>Platform</b>	R/V Endeavor
<b>Start Date</b>	1995-02-10
<b>End Date</b>	1995-02-20
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

**EN263**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57403">https://www.bco-dmo.org/deployment/57403</a>
<b>Platform</b>	R/V Endeavor
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/en263/EN263.pdf">http://globec.who.edu/globec-dir/reports/en263/EN263.pdf</a>
<b>Start Date</b>	1995-03-13
<b>End Date</b>	1995-03-24
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

**EN265**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57405">https://www.bco-dmo.org/deployment/57405</a>
<b>Platform</b>	R/V Endeavor
<b>Start Date</b>	1995-04-11
<b>End Date</b>	1995-04-22
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### AL9505

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57371">https://www.bco-dmo.org/deployment/57371</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/al9505/al9505rot.pdf">http://globec.who.edu/globec-dir/reports/al9505/al9505rot.pdf</a>
<b>Start Date</b>	1995-05-09
<b>End Date</b>	1995-05-18
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### AL9506

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57372">https://www.bco-dmo.org/deployment/57372</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/al9506/al9506new.html">http://globec.who.edu/globec-dir/reports/al9506/al9506new.html</a>
<b>Start Date</b>	1995-06-05
<b>End Date</b>	1995-06-15
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### AL9508

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57373">https://www.bco-dmo.org/deployment/57373</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/al9508/a9508rp2.HTM">http://globec.who.edu/globec-dir/reports/al9508/a9508rp2.HTM</a>
<b>Start Date</b>	1995-07-10
<b>End Date</b>	1995-07-20
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### EN276

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57413">https://www.bco-dmo.org/deployment/57413</a>
<b>Platform</b>	R/V Endeavor
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/en276/EN276.pdf">http://globec.who.edu/globec-dir/reports/en276/EN276.pdf</a>
<b>Start Date</b>	1996-01-10
<b>End Date</b>	1996-01-22
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### EN278

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57414">https://www.bco-dmo.org/deployment/57414</a>
<b>Platform</b>	R/V Endeavor
<b>Start Date</b>	1996-02-13
<b>End Date</b>	1996-02-25
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### OC275

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57440">https://www.bco-dmo.org/deployment/57440</a>
<b>Platform</b>	R/V Oceanus
<b>Start Date</b>	1996-03-11
<b>End Date</b>	1996-03-22
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

**EN282**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57415">https://www.bco-dmo.org/deployment/57415</a>
<b>Platform</b>	R/V Endeavor
<b>Start Date</b>	1996-04-08
<b>End Date</b>	1996-04-20
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

**AL9605**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57375">https://www.bco-dmo.org/deployment/57375</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.whoi.edu/globec-dir/reports/al9605/al9605.html">http://globec.whoi.edu/globec-dir/reports/al9605/al9605.html</a>
<b>Start Date</b>	1996-05-06
<b>End Date</b>	1996-05-17
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

**AL9607**



<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57376">https://www.bco-dmo.org/deployment/57376</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.whoi.edu/globec-dir/reports/al9607/AL9607.pdf">http://globec.whoi.edu/globec-dir/reports/al9607/AL9607.pdf</a>
<b>Start Date</b>	1996-06-03
<b>End Date</b>	1996-06-13
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### AL9701

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57378">https://www.bco-dmo.org/deployment/57378</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.whoi.edu/globec-dir/reports/al9701/cral9701.htm">http://globec.whoi.edu/globec-dir/reports/al9701/cral9701.htm</a>
<b>Start Date</b>	1997-01-13
<b>End Date</b>	1997-01-20
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### OC298

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57444">https://www.bco-dmo.org/deployment/57444</a>
<b>Platform</b>	R/V Oceanus
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/oc298/cruisereport.html">http://globec.who.edu/globec-dir/reports/oc298/cruisereport.html</a>
<b>Start Date</b>	1997-02-11
<b>End Date</b>	1997-02-23
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

### OC300

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57446">https://www.bco-dmo.org/deployment/57446</a>
<b>Platform</b>	R/V Oceanus
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/oc300/oc300rpt.mr7.html">http://globec.who.edu/globec-dir/reports/oc300/oc300rpt.mr7.html</a>
<b>Start Date</b>	1997-03-16
<b>End Date</b>	1997-03-28
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

### OC302

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57448">https://www.bco-dmo.org/deployment/57448</a>
<b>Platform</b>	R/V Oceanus
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/oc302/oce302.html">http://globec.who.edu/globec-dir/reports/oc302/oce302.html</a>
<b>Start Date</b>	1997-04-22
<b>End Date</b>	1997-05-02
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### AL9705

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57379">https://www.bco-dmo.org/deployment/57379</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/al9705/al9705.html">http://globec.who.edu/globec-dir/reports/al9705/al9705.html</a>
<b>Start Date</b>	1997-05-19
<b>End Date</b>	1997-05-27
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### AL9707

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57380">https://www.bco-dmo.org/deployment/57380</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/al9707/al9707.html">http://globec.who.edu/globec-dir/reports/al9707/al9707.html</a>
<b>Start Date</b>	1997-06-18
<b>End Date</b>	1997-06-28
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### AL9801

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57382">https://www.bco-dmo.org/deployment/57382</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/al9801/al9801.html">http://globec.who.edu/globec-dir/reports/al9801/al9801.html</a>
<b>Start Date</b>	1998-01-07
<b>End Date</b>	1998-01-19
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### OC317

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57451">https://www.bco-dmo.org/deployment/57451</a>
<b>Platform</b>	R/V Oceanus
<b>Start Date</b>	1998-02-06
<b>End Date</b>	1998-02-19
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

### OC319

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57452">https://www.bco-dmo.org/deployment/57452</a>
<b>Platform</b>	R/V Oceanus
<b>Report</b>	<a href="http://globec.whoi.edu/globec-dir/reports/oc319/oc319new/oc319rpt.8april98.htm">http://globec.whoi.edu/globec-dir/reports/oc319/oc319new/oc319rpt.8april98.htm</a>
<b>Start Date</b>	1998-03-15
<b>End Date</b>	1998-03-27
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

### OC322

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57454">https://www.bco-dmo.org/deployment/57454</a>
<b>Platform</b>	R/V Oceanus
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/oc322/oc322.html">http://globec.who.edu/globec-dir/reports/oc322/oc322.html</a>
<b>Start Date</b>	1998-04-15
<b>End Date</b>	1998-04-27
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### AL9806

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57384">https://www.bco-dmo.org/deployment/57384</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/al9806/al9806.html">http://globec.who.edu/globec-dir/reports/al9806/al9806.html</a>
<b>Start Date</b>	1998-05-13
<b>End Date</b>	1998-05-22
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### AL9808

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57385">https://www.bco-dmo.org/deployment/57385</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/al9808/al9808.html">http://globec.who.edu/globec-dir/reports/al9808/al9808.html</a>
<b>Start Date</b>	1998-06-16
<b>End Date</b>	1998-06-26
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### AL9901

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57386">https://www.bco-dmo.org/deployment/57386</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/al9901/al9901.html">http://globec.who.edu/globec-dir/reports/al9901/al9901.html</a>
<b>Start Date</b>	1999-01-12
<b>End Date</b>	1999-01-24
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### OC336

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57459">https://www.bco-dmo.org/deployment/57459</a>
<b>Platform</b>	R/V Oceanus
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/oc336/oc336cruise-report.html">http://globec.who.edu/globec-dir/reports/oc336/oc336cruise-report.html</a>
<b>Start Date</b>	1999-02-11
<b>End Date</b>	1999-02-23
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

### EN320

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57427">https://www.bco-dmo.org/deployment/57427</a>
<b>Platform</b>	R/V Endeavor
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/en320new/en320mda.htm">http://globec.who.edu/globec-dir/reports/en320new/en320mda.htm</a>
<b>Start Date</b>	1999-03-10
<b>End Date</b>	1999-03-23
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

### OC341



<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57464">https://www.bco-dmo.org/deployment/57464</a>
<b>Platform</b>	R/V Oceanus
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/oc341/reptoc341.html">http://globec.who.edu/globec-dir/reports/oc341/reptoc341.html</a>
<b>Start Date</b>	1999-04-16
<b>End Date</b>	1999-04-27
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### AL9904

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57387">https://www.bco-dmo.org/deployment/57387</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1999-05-19
<b>End Date</b>	1999-05-27
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

#### AL9906

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57388">https://www.bco-dmo.org/deployment/57388</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://globec.who.edu/globec-dir/reports/al9906/al9906rpt.html">http://globec.who.edu/globec-dir/reports/al9906/al9906rpt.html</a>
<b>Start Date</b>	1999-06-14
<b>End Date</b>	1999-06-24
<b>Description</b>	<p>broad-scale</p> <p><b>Methods &amp; Sampling</b> Zooplankton Data from the 10m2 MOCNESS.</p> <p><b>Processing Description</b> The catch from each net was subsampled and all animals in the subsample were counted. Due to the sheer volume of data, only those animals found were represented in these on-line data. i.e., no animals with zero abundances were listed. The precision variation in the latitude and longitude numbers is as reported. Not all nets for all tows are represented here. Some nets came back empty.</p>

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## Project Information

### U.S. GLOBEC Georges Bank (GB)

**Website:** [http://globec.who.edu/globec\\_program.html](http://globec.who.edu/globec_program.html)

**Coverage:** Georges Bank, Gulf of Maine, Northwest Atlantic Ocean

The U.S. GLOBEC [Georges Bank](#) Program is a large multi- disciplinary multi-year oceanographic effort. The proximate goal is to understand the population dynamics of key species on the Bank - Cod, [Haddock](#), and two species of zooplankton ([Calanus finmarchicus](#) and [Pseudocalanus](#)) - in terms of their coupling to the physical environment and in terms of their [predators and prey](#). The ultimate goal is to be able to predict changes in the distribution and abundance of these species as a result of changes in their physical and biotic environment as well as to anticipate how their populations might respond to climate change.

The effort is substantial, requiring broad-scale surveys of the entire Bank, and process studies which focus both on the links between the target species and their physical environment, and the determination of fundamental aspects of these species' life history (birth rates, growth rates, death rates, etc).

Equally important are the modelling efforts that are ongoing which seek to provide realistic predictions of the flow field and which utilize the life history information to produce an integrated view of the dynamics of the populations.

The U.S. GLOBEC Georges Bank [Executive Committee \(EXCO\)](#) provides program leadership and effective communication with the funding agencies.

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## Program Information

### U.S. GLOBal ocean ECosystems dynamics (U.S. GLOBEC)

**Website:** <http://www.usglobec.org/>

**Coverage:** Global

U.S. GLOBEC (GLOBal ocean ECosystems dynamics) is a research program organized by oceanographers and fisheries scientists to address the question of how global climate change may affect the abundance and production of animals in the sea.

The U.S. GLOBEC Program currently had major research efforts underway in the Georges Bank / Northwest Atlantic Region, and the Northeast Pacific (with components in the California Current and in the Coastal Gulf of Alaska). U.S. GLOBEC was a major contributor to International GLOBEC efforts in the Southern Ocean and Western Antarctic Peninsula (WAP).

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## Funding

Funding Source	Award
National Science Foundation (NSF)	<a href="#">unknown GB NSF</a>
National Oceanic and Atmospheric Administration (NOAA)	<a href="#">unknown GB NOAA</a>

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