Zooplankton cubic meter count data collected in the 1-m2 MOCNESS during R/V Albatross IV, R/V Endeavor and R/V Oceanus broadscale cruises in the Gulf of Maine and Georges Bank from 1995-1999 and processed at GSO/URI (GB project)

Website: https://www.bco-dmo.org/dataset/2333
Data Type: Cruise Results
Version: 1
Version Date: 2012-10-02

Project
» U.S. GLOBEC Georges Bank (GB)

Program
» U.S. GLOBal ocean ECosystems dynamics (U.S. GLOBEC)

Contributors	Affiliation	Role
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Casas, Maria C	University of Rhode Island (URI-GSO)	Scientist, Technician
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Abstract
Zooplankton cubic meter count data collected in the 1-m2 MOCNESS during R/V Albatross IV, R/V Endeavor and R/V Oceanus broadscale cruises in the Gulf of Maine and Georges Bank from 1995-1999 and processed at GSO/URI

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Coverage

Spatial Extent: **N**:43.718 **E**:-65.645 **S**:40.278 **W**:-69.76
Temporal Extent: 1995-05-09 - 1999-04-16

Dataset Description

Zooplankton Meter^3 Data - MOCNESS Only

The Zooplankton Meter^3 Database for the Georges Bank GLOBEC project was originally located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It was accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI. The data were cached and are served from the local computer.

A description of the original URI database is available online and includes the design and variable definitions. A version of this document is shown here.

Note: Our program's Data Acknowledgement Policy requires that any person making substantial use of a data

set must communicate with the investigators who acquired the data prior to publication and anticipate that the data collectors will be co-authors of published results.

The following documentation applies to the data found locally on the WHOI GLOBEC Data Server. The data are served as a hierarchy. The least changing variables are in higher order levels (e.g., cruise id, year, month, etc.), while variables that change the most are in the lower order levels (e.g., time of collection, net number, taxon collected, etc.) There are six levels within the database; variable names and descriptions are given in the metadata.

Most column variable names and instrument names were taken from the U.S. GLOBEC Georges Bank data thesaurus; those that were not follow the GLOBEC data protocols. The taxonomic code variable (taxon_code) is from the National Oceanographic Data Center's Taxonomic List, version 8. Taxonomic information is built into these ten-digit codes as they reflect the systematic nomenclature.

You may contact BCO-DMO for additional help.

Data Processing Description

02 Oct 2012 - BCO-DMO re-formatted data, adding the stage and count columns.

Data Files

File
zoo_cubic_meter.csv(Comma Separated Values (.csv), 120.58 MB)   MD5:c5c1c40c678c074c11101aa1c2d878de   Primary data file for dataset ID 2333

Parameters

Parameter	Description	Units
cruiseid	Cruise Identifier. (e.g., AL9607, EN276, OC275)	text
cruise_type	Type of cruise. BSS - Broad scale Survey; PRO - Process Cruise; MOR - Mooring Cruise	text
year_cruise_begin	Year at start of cruise. in YYYY format	unitless
month_cruise_begin	2-digit month when cruise began.	mm (01 to12)
day_cruise_begin	2-digit day of month when cruise began.	dd (01 to 31)
year_cruise_end	Year when cruise ended. in YYYY format	unitless
month_cruise_end	2-digit month when cruise ended.	mm (01 to 12)
day_cruise_end	2-digit day of month when cruise ended.	dd (01 to 31)
station	Consecutive station number during cruise.	unitless
station_std	Standard Broadscale station number.	unitless
depth_w	Water depth, in meters.	meters

event	Event or operation number. Unique ID.	unitless
inst	Instrument used to collect or process data. MOC1 - 1 meter square MOCNESS Bongo - 61 cm diameter Bongo Pump - zooplankton pump	text
tow	Tow or haul number.	unitless
lat_begin	Latitude at Beginning of measurement, in decimal degrees. (south is negative)	decimal degrees
lon_begin	Longitude at Beginning of measurement, in decimal degrees. (west is negative)	decimal degrees
year_utc_begin	Year (UTC) at the beginning of the measurement. in YYYY format	unitless
month_utc_begin	2-digit month (UTC) at the beginning of the measurement.	mm (01 to 12)
day_utc_begin	2-digit day (UTC) at the beginning of the measurement.	dd (01 to 31)
time_utc_begin	Time (UTC) at the beginning of the measurement.	HHMM
year_utc_end	Year (UTC) at the end of the measurement. in YYYY format	unitless
month_utc_end	2-digit month (UTC) at the end of the measurement.	mm (01 to 12)
day_utc_end	2-digit day (UTC) at the end of the measurement.	dd (01 to 31)
time_utc_end	Time (UTC) at the end of the measurement.	HHMM
allsort_flag	Flag for sorting. Default = 'n'. When all nets for particular tow are sorted, flag = 'y'.	unitless
net	Net number.	unitless
vol_net	Volume of water filtered by net, in cubic meters.	cubic meters
depth_begin	Depth of sampler at beginning of measurement, meters.	meters
depth_end	Depth of sampler at end of measurement, meters.	meters
gearcode	Gear Code - used by NMFS. Three digit code that specifies gear and mesh size of net. 1M1 - 1 meter square MOCNESS, 150 um mesh 1m3 - 1 meter square MOCNESS, 335 um mesh P35 - Pump, 35 um mesh P50 - Pump, 50 um mesh 6B2 - 61 cm diameter Bongo, 200 um mesh 6B3 - 61 cm diameter Bongo, 335 um mesh	text
count_flag	Counting method flag for sorting. Default = 'none'. none = not sorted at present time all = All species/taxa enumerated Top_Five = Cal_only = only Calanus spp. counted stemple = subsampled with Henson-Stemple pipette. (Only Calanus finmarchicus counted.)	text
counter	Initials of sorter and date sorted.	text
taxon	Taxon name.	text
taxon_code	Taxonomic Code. Ten digit number from NODC Taxonomic List, v. 8.	unitless
stage	Taxon stage: m3_fem = copepod females. m3_mal = copepod males. m3_cop = Total Copepodites. m3_c1 = Copepodite stage 1 (C1). m3_c2 = Copepodite stage 2 (C2). m3_c3 = Copepodite stage 3 (C3). m3_c4 = Copepodite stage 4 (C4). m3_c5 = Copepodite stage 5 (C5). m3_npl = Total Nauplii (N1-N6). m3_n1 = Nauplius stage 1 (N1). m3_n2 = Nauplius stage 2 (N2). m3_n3 = Nauplius stage 3 (N3). m3_n4 = Nauplius stage 4 (N4). m3_n5 = Nauplius stage 5 (N5) m3_n6 =Nauplius stage 6 (N6). m3_not = non-copepod taxa.	text
count	Count of taxa per stage per cubic meter.	unitless

Instruments

Dataset-specific Instrument Name	MOCNESS1
Generic Instrument Name	MOCNESS1
Dataset-specific Description	1 meter square MOCNESS
Generic Instrument Description	The Multiple Opening/Closing Net and Environmental Sensing System or MOCNESS is a family of net systems based on the Tucker Trawl principle. The MOCNESS-1 carries nine 1-m2 nets usually of 335 micrometer mesh and is intended for use with the macrozooplankton. All nets are black to reduce contrast with the background. A motor/toggle release assembly is mounted on the top portion of the frame and stainless steel cables with swaged fittings are used to attach the net bar to the toggle release. A stepping motor in a pressure compensated case filled with oil turns the escapement crankshaft of the toggle release which sequentially releases the nets to an open then closed position on command from the surface. -- from the MOCNESS Operations Manual (1999 + 2003).

Deployments

AL9505

Website	https://www.bco-dmo.org/deployment/57371
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9505/al9505rot.pdf
Start Date	1995-05-09
End Date	1995-05-18
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9506

Website	https://www.bco-dmo.org/deployment/57372
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9506/al9506new.html
Start Date	1995-06-05
End Date	1995-06-15
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9508

Website	https://www.bco-dmo.org/deployment/57373
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9508/a9508rp2.HTM
Start Date	1995-07-10
End Date	1995-07-20
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9513

Website	https://www.bco-dmo.org/deployment/57374
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9513/AL9513.pdf
Start Date	1995-10-30
End Date	1995-11-08
Description	long term mooring deployment **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9605

Website	https://www.bco-dmo.org/deployment/57375
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9605/al9605.html
Start Date	1996-05-06
End Date	1996-05-17
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9607

Website	https://www.bco-dmo.org/deployment/57376
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9607/AL9607.pdf
Start Date	1996-06-03
End Date	1996-06-13
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9612

Website	https://www.bco-dmo.org/deployment/57377
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9612/al9612c.html
Start Date	1996-11-04
End Date	1996-11-08
Description	process **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9701

Website	https://www.bco-dmo.org/deployment/57378
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9701/cral9701.htm
Start Date	1997-01-13
End Date	1997-01-20
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9705

Website	https://www.bco-dmo.org/deployment/57379
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9705/al9705.html
Start Date	1997-05-19
End Date	1997-05-27
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9707

Website	https://www.bco-dmo.org/deployment/57380
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9707/al9707.html
Start Date	1997-06-18
End Date	1997-06-28
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9801

Website	https://www.bco-dmo.org/deployment/57382
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9801/al9801.html
Start Date	1998-01-07
End Date	1998-01-19
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9806

Website	https://www.bco-dmo.org/deployment/57384
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9806/al9806.html
Start Date	1998-05-13
End Date	1998-05-22
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9808

Website	https://www.bco-dmo.org/deployment/57385
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9808/al9808.html
Start Date	1998-06-16
End Date	1998-06-26
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9901

Website	https://www.bco-dmo.org/deployment/57386
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9901/al9901.html
Start Date	1999-01-12
End Date	1999-01-24
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9904

Website	https://www.bco-dmo.org/deployment/57387
Platform	R/V Albatross IV
Start Date	1999-05-19
End Date	1999-05-27
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

AL9906

Website	https://www.bco-dmo.org/deployment/57388
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9906/al9906rpt.html
Start Date	1999-06-14
End Date	1999-06-24
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN259

Website	https://www.bco-dmo.org/deployment/57399
Platform	R/V Endeavor
Report	http://globec.whoi.edu/globec-dir/reports/en259.html
Start Date	1995-01-10
End Date	1995-01-22
Description	process zoology **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN261

Website	https://www.bco-dmo.org/deployment/57401
Platform	R/V Endeavor
Start Date	1995-02-10
End Date	1995-02-20
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN262

Website	https://www.bco-dmo.org/deployment/57402
Platform	R/V Endeavor
Report	http://globec.whoi.edu/globec-dir/reports/en262/EN262.pdf
Start Date	1995-02-23
End Date	1995-03-10
Description	process zoology **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN263

Website	https://www.bco-dmo.org/deployment/57403
Platform	R/V Endeavor
Report	http://globec.whoi.edu/globec-dir/reports/en263/EN263.pdf
Start Date	1995-03-13
End Date	1995-03-24
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN264

Website	https://www.bco-dmo.org/deployment/57404
Platform	R/V Endeavor
Report	http://globec.whoi.edu/globec-dir/reports/en264.html
Start Date	1995-03-26
End Date	1995-04-08
Description	process zoology **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN265

Website	https://www.bco-dmo.org/deployment/57405
Platform	R/V Endeavor
Start Date	1995-04-11
End Date	1995-04-22
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN266

Website	https://www.bco-dmo.org/deployment/57406
Platform	R/V Endeavor
Report	http://globec.whoi.edu/globec-dir/reports/en266/EN266.pdf
Start Date	1995-04-26
End Date	1995-05-08
Description	process zoology **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN274

Website	https://www.bco-dmo.org/deployment/57412
Platform	R/V Endeavor
Report	http://globec.whoi.edu/globec-dir/reports/en274/EN274.pdf
Start Date	1995-09-29
End Date	1995-10-05
Description	long term mooring recovery **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN276

Website	https://www.bco-dmo.org/deployment/57413
Platform	R/V Endeavor
Report	http://globec.whoi.edu/globec-dir/reports/en276/EN276.pdf
Start Date	1996-01-10
End Date	1996-01-22
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN278

Website	https://www.bco-dmo.org/deployment/57414
Platform	R/V Endeavor
Start Date	1996-02-13
End Date	1996-02-25
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN282

Website	https://www.bco-dmo.org/deployment/57415
Platform	R/V Endeavor
Start Date	1996-04-08
End Date	1996-04-20
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN319

Website	https://www.bco-dmo.org/deployment/57426
Platform	R/V Endeavor
Report	http://globec.whoi.edu/globec-dir/reports/en319/en319rept.html
Start Date	1999-02-21
End Date	1999-03-04
Description	process zooplankton vital rates **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN320

Website	https://www.bco-dmo.org/deployment/57427
Platform	R/V Endeavor
Report	http://globec.whoi.edu/globec-dir/reports/en320new/en320mda.htm
Start Date	1999-03-10
End Date	1999-03-23
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN322

Website	https://www.bco-dmo.org/deployment/57429
Platform	R/V Endeavor
Start Date	1999-04-17
End Date	1999-05-02
Description	process **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

OC275

Website	https://www.bco-dmo.org/deployment/57440
Platform	R/V Oceanus
Start Date	1996-03-11
End Date	1996-03-22
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

OC298

Website	https://www.bco-dmo.org/deployment/57444
Platform	R/V Oceanus
Report	http://globec.whoi.edu/globec-dir/reports/oc298/cruisereport.html
Start Date	1997-02-11
End Date	1997-02-23
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

OC300

Website	https://www.bco-dmo.org/deployment/57446
Platform	R/V Oceanus
Report	http://globec.whoi.edu/globec-dir/reports/oc300/oc300rpt.mr7.html
Start Date	1997-03-16
End Date	1997-03-28
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

OC302

Website	https://www.bco-dmo.org/deployment/57448
Platform	R/V Oceanus
Report	http://globec.whoi.edu/globec-dir/reports/oc302/oce302.html
Start Date	1997-04-22
End Date	1997-05-02
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

OC317

Website	https://www.bco-dmo.org/deployment/57451
Platform	R/V Oceanus
Start Date	1998-02-06
End Date	1998-02-19
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

OC319

Website	https://www.bco-dmo.org/deployment/57452
Platform	R/V Oceanus
Report	http://globec.whoi.edu/globec-dir/reports/oc319/oc319new/oc319rpt.8april98.htm
Start Date	1998-03-15
End Date	1998-03-27
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

OC322

Website	https://www.bco-dmo.org/deployment/57454
Platform	R/V Oceanus
Report	http://globec.whoi.edu/globec-dir/reports/oc322/oc322.html
Start Date	1998-04-15
End Date	1998-04-27
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

OC336

Website	https://www.bco-dmo.org/deployment/57459
Platform	R/V Oceanus
Report	http://globec.whoi.edu/globec-dir/reports/oc336/oc336cruise-report.html
Start Date	1999-02-11
End Date	1999-02-23
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

OC341

Website	https://www.bco-dmo.org/deployment/57464
Platform	R/V Oceanus
Report	http://globec.whoi.edu/globec-dir/reports/oc341/reptoc341.html
Start Date	1999-04-16
End Date	1999-04-27
Description	broad-scale **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN267I

Website	https://www.bco-dmo.org/deployment/57407
Platform	R/V Endeavor
Report	http://globec.whoi.edu/globec-dir/reports/en267/EN267.pdf
Start Date	1995-05-22
End Date	1995-06-05
Description	process zoology **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

EN267II

Website	https://www.bco-dmo.org/deployment/57408
Platform	R/V Endeavor
Report	http://globec.whoi.edu/globec-dir/reports/en267L2/EN267L2.pdf
Start Date	1995-06-08
End Date	1995-06-19
Description	process **Methods & Sampling** The Zooplankton Meter3 Database for the Georges Bank Globec project is located in the laboratory of Ted Durbin at the Graduate School of Oceanography, University of Rhode Island. It is accessed via the U.S. GLOBEC Georges Bank data management system using SQLPlus network access to the data base management system at URI, but for performance reasons, data are cached and reserved from the local computer.

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Project Information

U.S. GLOBEC Georges Bank (GB)

Website: http://globec.whoi.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).

Funding

Funding Source	Award
National Oceanic and Atmospheric Administration (NOAA)	unknown GB NOAA
NSF Division of Ocean Sciences (NSF OCE)	OCE-9313677