

# Georges Bank Fish Larvae Data collected in Bongo Nets from R/V Albatross IV, R/V Endeavor, and R/V Oceanus during U.S. GLOBEC broadscale cruises in the Gulf of Maine and Georges Bank from 1995-1999 (GB project)

**Website:** <https://www.bco-dmo.org/dataset/2323>

**Data Type:** Cruise Results

**Version:** 1

**Version Date:** 2004-06-03

## Project

» [U.S. GLOBEC Georges Bank](#) (GB)

## Program

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

Contributors	Affiliation	Role
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<a href="#">Allison, Dicky</a>	Woods Hole Oceanographic Institution (WHOI BCO-DMO)	BCO-DMO Data Manager

## Abstract

Georges Bank Fish Larvae Data collected in Bongo Nets from R/V Albatross IV, R/V Endeavor, and R/V Oceanus during U.S. GLOBEC broadscale cruises in the Gulf of Maine and Georges Bank from 1995-1999

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## Table of Contents

- [Coverage](#)
  - [Dataset Description](#)
    - [Methods & Sampling](#)
  - [Data Files](#)
  - [Parameters](#)
  - [Instruments](#)
  - [Deployments](#)
  - [Project Information](#)
  - [Program Information](#)
  - [Funding](#)
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## Coverage

**Spatial Extent:** N:42.325 E:-65.677 S:40.228 W:-69.142

**Temporal Extent:** 1995-02-10 - 1999-06-14

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## Dataset Description

### Georges Bank Fish Larvae Data from Bongo Nets

<sup>1</sup>Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.

Specifics on bongo tow displacement volumes can be seen on the companion file "bongovols" under the heading of broadscale cruises.

#### Any questions, contact:

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*updated: June 3, 2004, G.Heimerdinger*

## Methods & Sampling

GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.

[ [table of contents](#) | [back to top](#) ]

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## Data Files

File
<b>fishlarvaeB_rs.csv</b> (Comma Separated Values (.csv), 4.69 MB) MD5:50b300b8883981340ad63b41e370e143 Primary data file for dataset ID 2323

[ [table of contents](#) | [back to top](#) ]

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## Parameters

Parameter	Description	Units
cruiseid	Cruise id, e.g. EN330, for Endeavor cruise 330	
year	Four digit year, local time	
inst	Instrument identifier (Bongo versus MOCNESS-1)	
station_std	Standard station number on a cruise	
tow	Bongo plankton tow station number on a cruise	
lat	Latitude, at start of tow	decimaldegrees
lon	Longitude, at start of tow	decimaldegrees
month_local	Month of year (01-12), local time	
day_local	Day of year (01-31), local time	
time_local	Time at start of tow, local time	hours/minutes
depth_tow_max	Maximum depth of the tow	meters
net	Net identifier	
haul_factor_std	Standard Haul Factor1	
taxon	Taxonomic name of larval fish species	
num_caught	Number of the specific fish larvae caught	number of fish caught
num_measure	Number of fish larvae measured	
fish_len	Length of each fish larvae measured	millimeters
num_fish_len	Number of fish larvae at that length	

[ [table of contents](#) | [back to top](#) ]

## Instruments

<b>Dataset-specific Instrument Name</b>	Bongo Nets
<b>Generic Instrument Name</b>	Bongo Net
<b>Dataset-specific Description</b>	60 cm diameter Bongo nets (0.335 millimeter mesh).
<b>Generic Instrument Description</b>	A Bongo Net consists of paired plankton nets, typically with a 60 cm diameter mouth opening and varying mesh sizes, 10 to 1000 micron. The Bongo Frame was designed by the National Marine Fisheries Service for use in the MARMAP program. It consists of two cylindrical collars connected with a yoke so that replicate samples are collected at the same time. Variations in models are designed for either vertical hauls (OI-2500 = NMFS Paurovet-Style, MARMAP Bongo, CalVET) or both oblique and vertical hauls (Aquatic Research). The OI-1200 has an opening and closing mechanism that allows discrete "known-depth" sampling. This model is large enough to filter water at the rate of 47.5 m <sup>3</sup> /minute when towing at a speed of two knots. More information: Ocean Instruments, Aquatic Research, Sea-Gear

[ [table of contents](#) | [back to top](#) ]

## Deployments

**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.whoi.edu/globec-dir/reports/al9505/al9505rot.pdf">http://globec.whoi.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>          GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/al9506/al9506new.html">http://globec.whoi.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>          GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/al9508/a9508rp2.HTM">http://globec.whoi.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>          GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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/cra19701.htm">http://globec.whoi.edu/globec-dir/reports/al9701/cra19701.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/al9705/al9705.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/al9707/al9707.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/al9801/al9801.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/al9806/al9806.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/al9808/al9808.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/al9901/al9901.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/al9906/al9906rpt.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</p>

#### 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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/en263/EN263.pdf">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/en276/EN276.pdf">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/oc298/cruisereport.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/oc300/oc300rpt.mr7.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/oc302/oce302.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/oc322/oc322.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/oc336/oc336cruise-report.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</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.whoi.edu/globec-dir/reports/oc341/reptoc341.html">http://globec.whoi.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>  GLOBEC Fish Larvae collected by Bongo nets, Standard Haul Factor: numerical factor (multiplier) used to standardize catches to be expressed as number caught per 10m<sup>2</sup> of sea surface area. Most haul factors range from 1 to 10. The Standard Haul Factor has not been applied to the data reported here.</p>

[ [table of contents](#) | [back to top](#) ]

## 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.

[ [table of contents](#) | [back to top](#) ]

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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).

[ [table of contents](#) | [back to top](#) ]

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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>

[ [table of contents](#) | [back to top](#) ]