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DISTRIBUTION OF FISH EGGS AND LARVAE, TEMPERATURE, AND SALINITY IN THE GEORGES BANK-GULF OF MAINE AREA, 1956

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UNITED STATES DEPARTMENT OF THE INTERIOR, STEWART L. UDALL, SECRETARY
Fish and Wildlife Service, Clarence F. Pautzke, Commissioner
Bureau of Commercial Fisheries, Donald L. McKernan, Director

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by

Robert R. Marak, John B. Colton, Jr., Donald B. Foster, and
David Miller

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DISTRIBUTION OF FISH EGGS AND LARVAE, TEMPERATURE, AND SALINITY IN THE GEORGES BANK-GULF OF MAINE AREA, 1956

by

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ABSTRACT

Basic data on the distribution of fish eggs and larvae in the Georges Bank-Gulf of Maine area were collected on surveys made by the Bureau of Commercial Fisheries research vessel *Albatross III* during the spring of 1956. The data are presented in tabular and graphic form. Plots and tables of surface temperature and salinity are also included.

INTRODUCTION

This is the third in a series of reports presenting basic data on fish egg and larvae surveys made on the research vessel *Albatross III* in the Georges Bank-Gulf of Maine area.

Information on the background of the surveys, objectives, methods, and procedures followed at sea and in the laboratory are given in the report for 1953 (Marak and Colton, 1961).

COLLECTION OF DATA

Five cruises were made during the spring of 1956: cruise no. 71, February 20-March 2; cruise no. 72, March 21-31; cruise no. 73, April 17-28; cruise no. 75, May 16-29; and cruise no. 76, June 11-24. The June cruise was added to the program this year to try and obtain more information on the distribution of haddock larvae.

The procedure involved continuous towing of the Hardy Plankton Recorder[3] (Hardy, 1936 and 1939) at the surface and 10 meters, bathythermograph lowerings, surface temperature and salinity observations, drift bottle releases, and surface tows with a 1-meter net.[4]

A list of the species of fish eggs and larvae (with species code letters used in the tables) collected during the 1956 survey cruises is given in table 1.

Data for temperature and salinity observations in relation to 1-meter tows and Hardy Plankton Recorder gauze sections are given in tables 2-6.

The cruise plan and methods (Hardy Plankton Recorder, 1-meter net tows, and drift bottles) used aboard ship for the collection of data presented in this report are the same as those followed in the spring of 1953 (Marak and Colton, 1961).

A more complete coverage of the eastern and southern edge of Georges Bank, Browns Bank, and penetration into the Bay of Fundy was made in 1956 in an attempt to gain more information on the drift of fish eggs and larvae. Drift bottle recoveries from previous surveys suggested considerable movement of

[1] Temporarily detailed to Bureau of Commercial Fisheries Biological Laboratory, Auke Bay, Alaska.

[2] Presently employed at the Woods Hole Oceanographic Institution, Woods Hole, Massachusetts.

[3] No. 3 silk was used in making the gauzes for the Hardy Plankton Recorder.

[4] No. 0 silk was used in the 1-meter net.

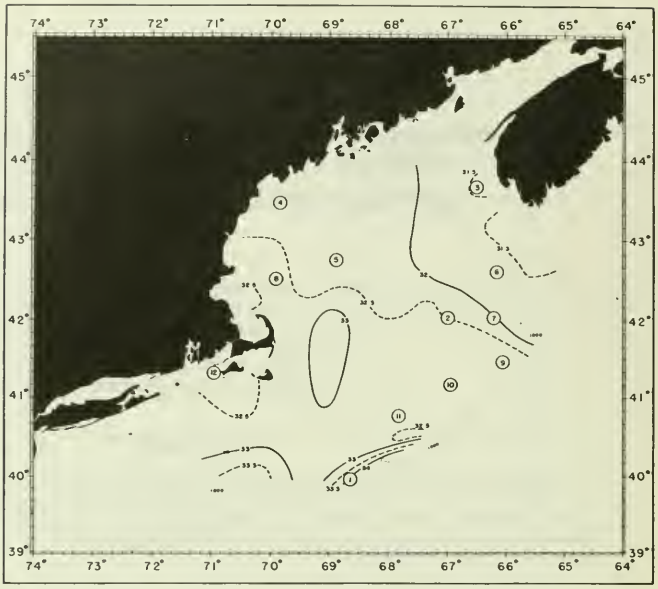

Figure 1.--Distribution of salinity and positions of 1-meter net tows, *Albatross III* cruise no. 71, February 20 to March 2, 1956.

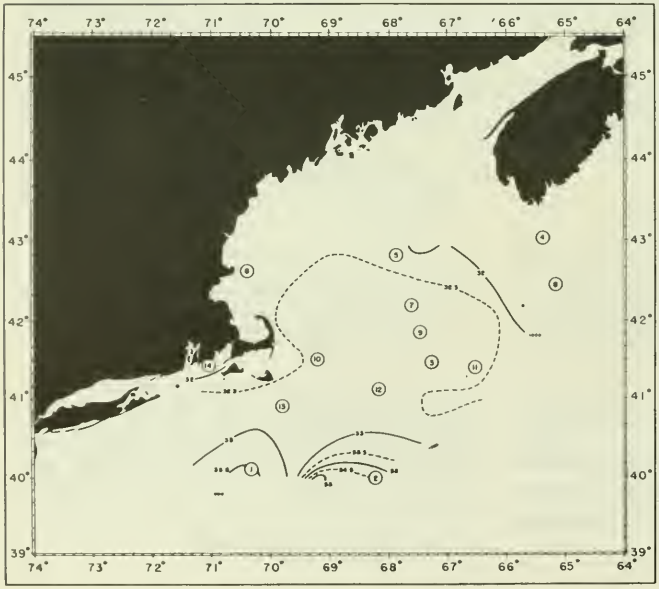

Figure 2.--Distribution of salinity and positions of 1-meter net tows, *Albatross III* cruise no. 72, March 21-31, 1956.

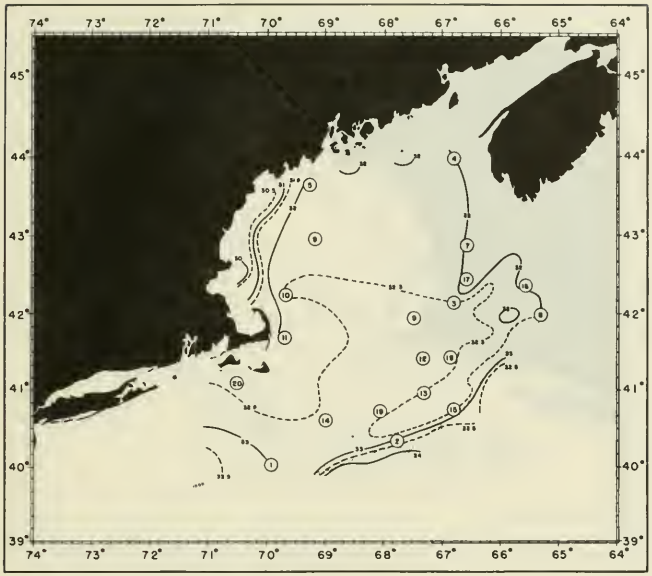

Figure 3.--Distribution of salinity and positions of 1-meter net tows, *Albatross III* cruise no. 73, April 17-28, 1956.

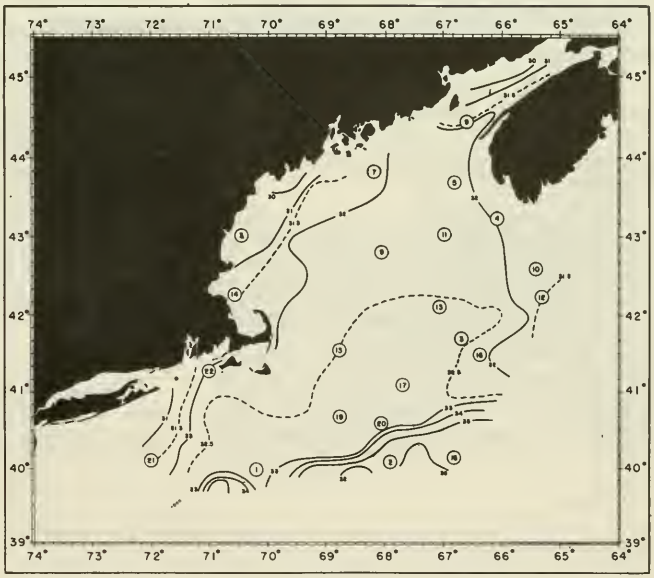

Figure 4.--Distribution of salinity and positions of 1-meter net tows, *Albatross III* cruise no. 75, May 16-29, 1956.

Figure 5.--Distribution of salinity and positions of 1-meter net tows, *Albatross III* cruise no. 76, June 11-24, 1956.

surface water off the eastern and southern edges of Georges Bank, and into the Bay of Fundy from Browns Bank. Positions of drift bottle releases and recoveries for 1956 may be found in Bumpus and Day (1957).

LABORATORY EXAMINATION OF SAMPLES

One-Meter Net Tows and Hardy Plankton Recorder

Analysis of the data taken with the 1-meter net and Hardy Plankton Recorder during this year was carried out in the same manner as that presented in the first report (Marak and Colton, 1961). Figures 1-5 show the locations of 1-meter net tows and tables 7-11 give the data collected. The locations of individual gauze sections exposed by the Hardy Plankton Recorder are shown on figs. 6-15, and the data obtained from these sections are given in tables 12-16. The section equivalent varied slightly with individual recorders, and with distances covered (see tables 17-21). Actual locations of 1-meter tows and reference gauze sections are given in tables 2-6.

Temperature and Salinity

Surface temperatures were used in the graphic presentation in this report as they were generally found to be indicative of temperatures in the depths of water studied (surface and 10 meters). Figures 16-20 show the distribution of surface temperature with observed values rounded off to the nearest whole °F. In areas of rapid temperature change (southern and southeast edge of Georges Bank), some isotherms were omitted to avoid confusion. Figures 1-5 show the distribution of surface salinity with observed figures rounded off to the nearest 0.5°/00. Actual temperature and salinity figures may be found in tables 2-6.

Drift Bottles

A detailed analysis of the data obtained from the drift bottles released on these cruises during the spring of 1956 has been reported by Day (1958).

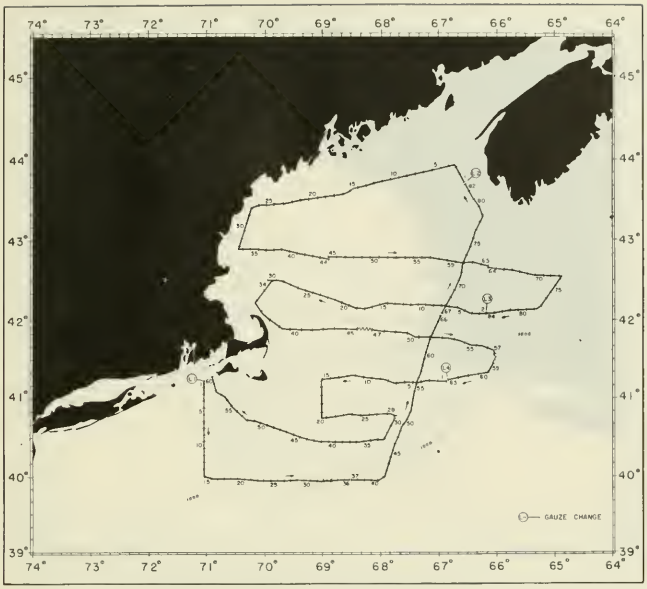

Figure 6.--Track of *Albatross III* cruise no. 71 (February 20 to March 2, 1956) giving positions for each gauze section of the surface Hardy Plankton Recorder.

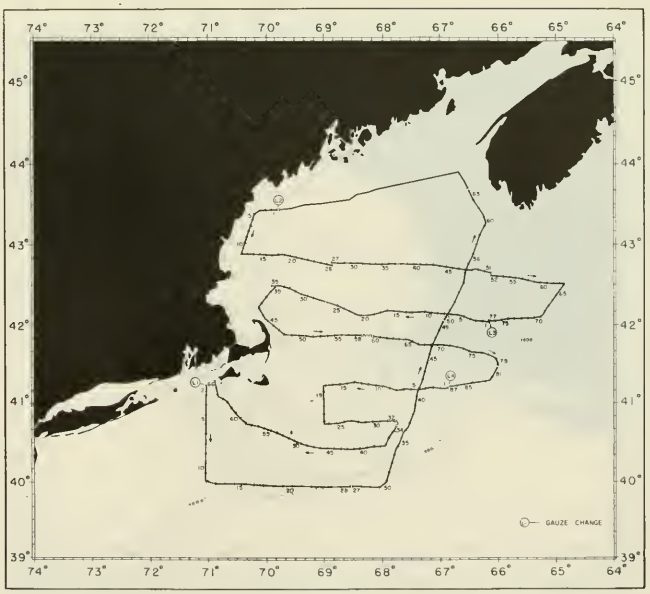

Figure 7.--Track of *Albatross III* cruise no. 71 (February 20 to March 2, 1956) giving positions for each gauze section of the 10-meter Hardy Plankton Recorder.

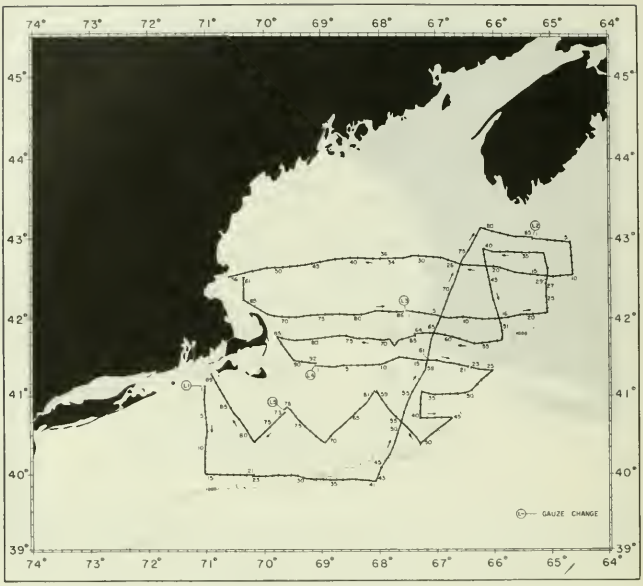

Figure 8.--Track of *Albatross III* cruise no. 72 (March 21-31, 1956) giving positions for each gauze section of the surface Hardy Plankton Recorder.

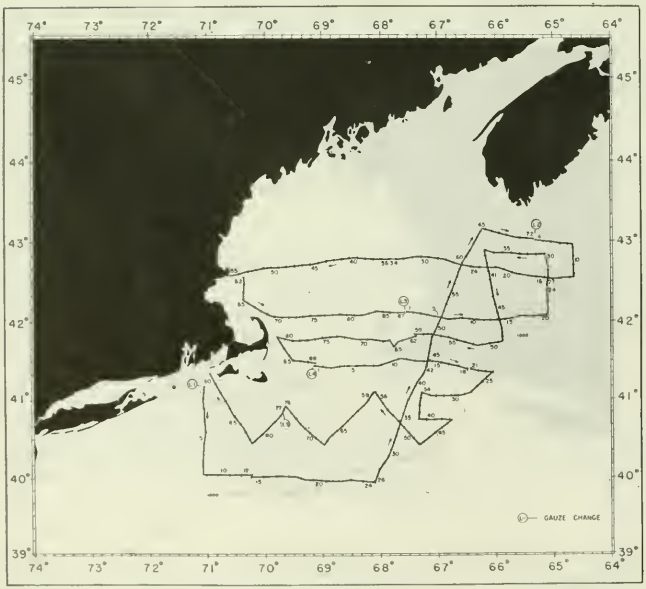

Figure 9.--Track of *Albatross III* cruise no. 72 (March 21-31, 1956) giving positions for each gauze section of the 10-meter Hardy Plankton Recorder.

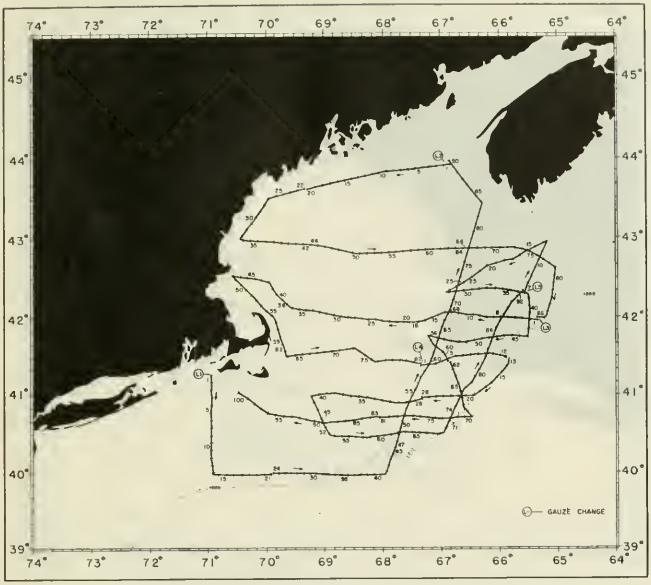

Figure 10.--Track of *Albatross III* cruise no. 73 (April 17-28, 1956) giving positions for each gauze section of the surface Hardy Plankton Recorder.

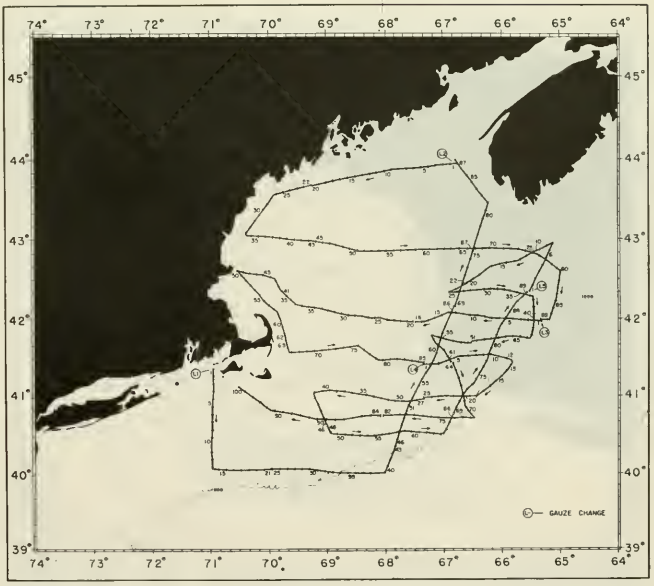

Figure 11.--Track of *Albatross III* cruise no. 73 (April 17-28, 1956) giving positions for each gauze section of the 10-meter Hardy Plankton Recorder.

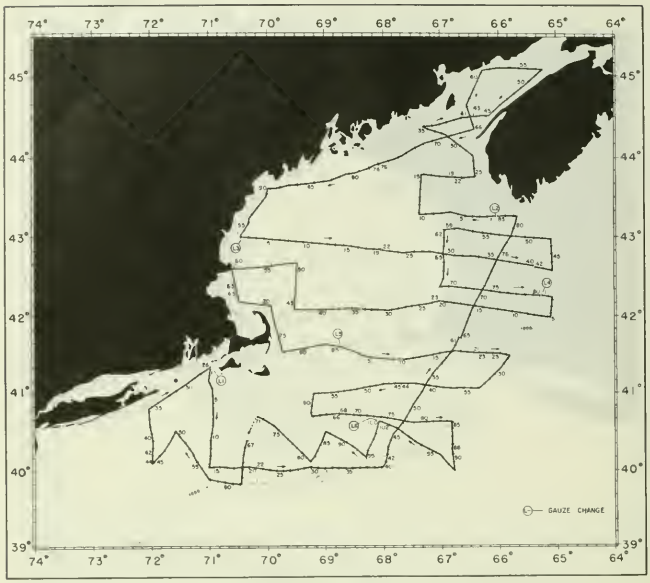

Figure 12.--Track of *Albatross III* cruise no. 75 (May 16-29, 1956) giving positions for each gauze section of the surface Hardy Plankton Recorder.

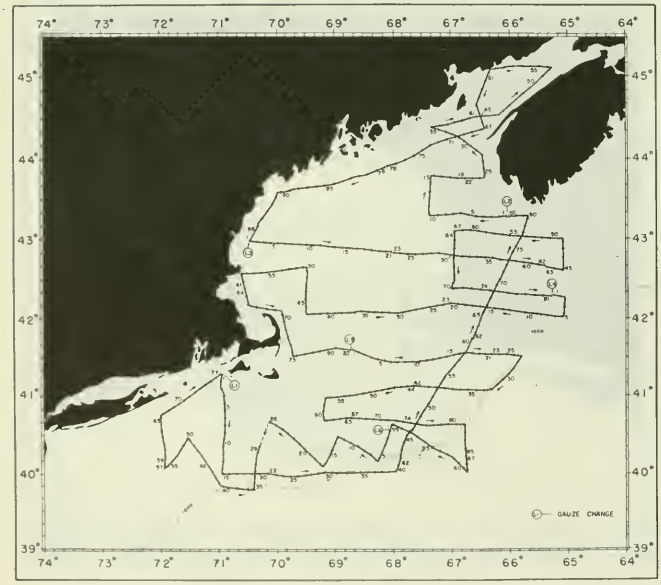

Figure 13.--Track of *Albatross III* cruise no. 75 (May 16-29, 1956) giving positions for each gauze section of the 10-meter Hardy Plankton Recorder.

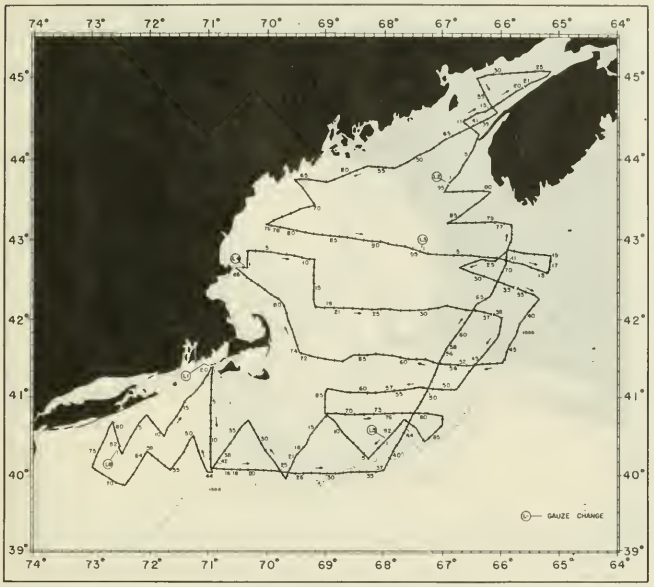

Figure 14.--Track of *Albatross III* cruise no. 76 (June 11-24, 1956) giving positions for each gauze section of the surface Hardy Plankton Recorder.

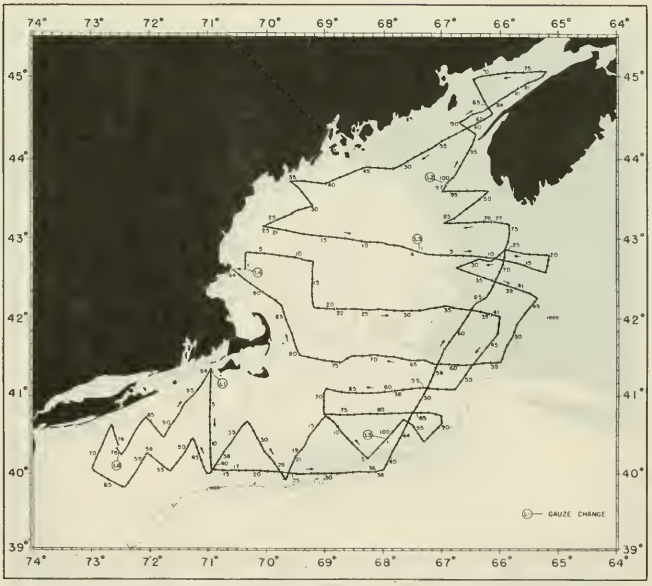

Figure 15.--Track of *Albatross III* cruise no. 76 (June 11-24, 1956) giving positions for each gauze section of the 10-meter Hardy Plankton Recorder.

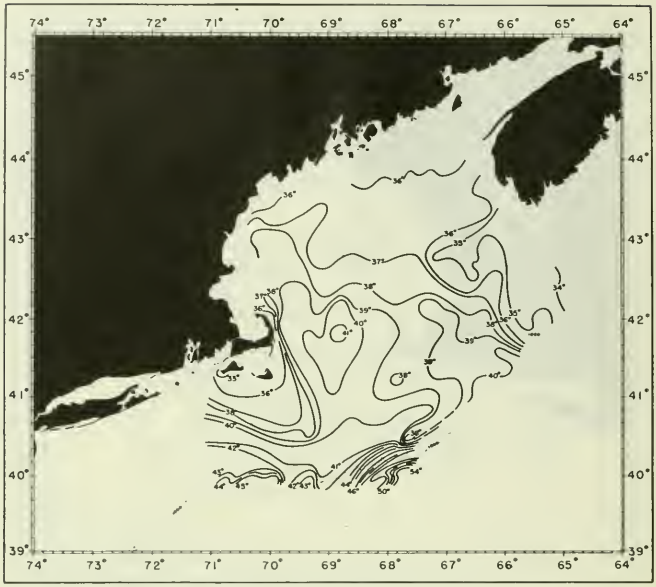

Figure 16.--Distribution of surface temperature, *Albatross III* cruise no. 71, February 20 to March 2, 1956.

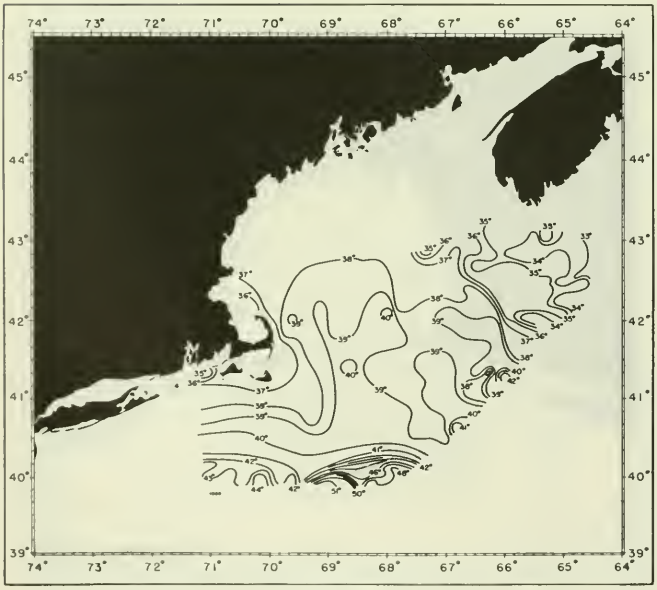

Figure 17.--Distribution of surface temperature, *Albatross III* cruise no. 72, March 21-31, 1956.

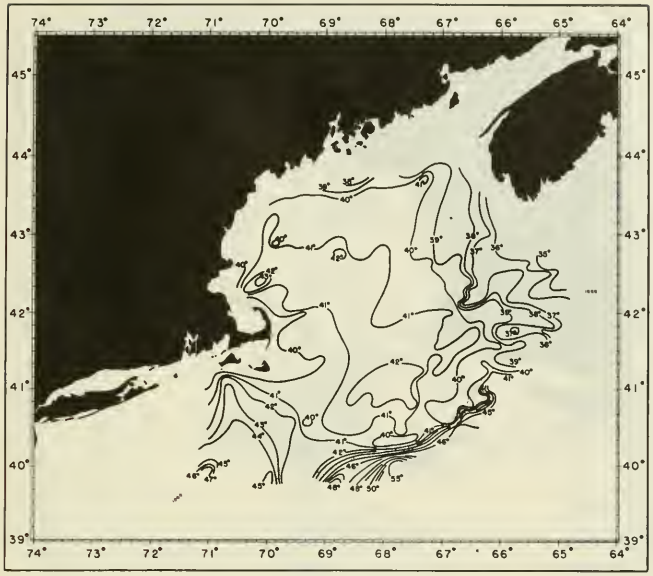

Figure 18.--Distribution of surface temperature, *Albatross III* cruise no. 73, April 17-28, 1956.

Figure 19.--Distribution of surface temperature, *Albatross III* cruise no. 75, May 16-29, 1956.

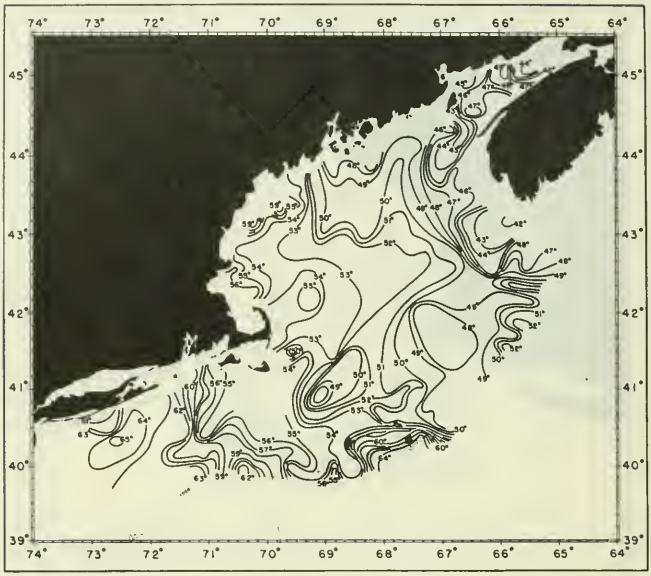

Figure 20.--Distribution of surface temperature, *Albatross III* cruise no. 76, June 11-24, 1956.

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Table 1.--Species of fish eggs and larvae (with species code letters) caught during 1956, *Albatross III* cruise no. 71, February 20 to March 2; cruise no. 72, March 21-31; cruise no. 73, April 17-28; cruise no. 75, May 16-29; cruise no. 76, June 11-24.

Species code letters	Common name	Scientific name
A	American plaice	*Hippoglossoides platessoides*
AM	American sand lance	*Ammodytes americanus*
BU	Butterfish	*Poronotus triacanthus*
C	Atlantic cod	*Gadus morhua*
CN	Cunner	*Tautogolabrus adspersus*
CU	Cusk	*Brosme brosme*
G	Goosefish	*Lophius americanus*
H	Haddock	*Melanogrammus aeglefinus*
HE	Atlantic herring	*Clupea harengus harengus*
LA	Lanternfish	*Myctophum affine*
LF	Lumpfish	*Cyclopterus lumpus*
LP	*"Leptocephalus"* stage	
M	Atlantic mackerel	*Scomber scombrus*
MH	Atlantic menhaden	*Brevoortia tyrannus*
MU	Striped mullet	*Mugil cephalus*
NE	Atlantic saury	*Scomberesox saurus*
P	Pollock	*Pollachius virens*
PU	Puffer	*Tetraodontidae* (family)
R	Redfish	*Sebastes marinus*
RH	Squirrel hake	*Urophycis chuss*
RO	Fourbeard rockling	*Enchelyopus cimbrius*
RU	Banded rudderfish	*Seriola zonata*
S	Scup	*Stenotomus chrysops*
SB	Threespine stickleback	*Gasterosteus aculeatus*
SC	Longhorn sculpin	*Myoxocephalus octodecemspinosus*
SH	Silver hake	*Merluccius bilinearis*
SPH	Spotted hake	*Urophycis regius*
SR	Northern searobin	*Prionotus carolinus*
SSN	Striped seasnail	*Liparis liparis*
SU	Rough scad	*Trachurus lathami*
SY	Shanny	*Stichaeidae* (family)
U	Unidentified	
W	Wrymouth	*Cryptacanthodes maculatus*
WF	Witch flounder	*Glyptocephalus cynoglossus*
WH	White hake	*Urophycis tenuis*
WI	Windowpane	*Scopthalmus aquosus*
WIF	Winter flounder	*Pseudopheuronectes americanus*
WO	Atlantic wolffish	*Anarhichas lupus*
Y	Yellowtail flounder	*Limanda ferruginea*

Table 2.--Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 71, February 20-March 2, 1956

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
					loading 1	loading 1	‰	° F.	
Feb. 20	1700	41° 14'	71° 01'	--	1	2	32.19	36.1	36.0
Feb. 20	1800	40°03.5'	71° 01'	--	3	3	--	36.3	36.3
Feb. 20	1905	40°53.5'	71° 01'	--	4	4	32.63	38.2	38.1
Feb. 20	2005	40°44.5'	71° 01'	--	6	6	--	39.9	39.9
Feb. 20	2105	40° 31'	71°01.2'	--	9	7	32.82	40.5	40.5
Feb. 20	2205	40° 20'	71° 00'	--	11	9	--	42.4	42.2
Feb. 20	2305	40°09.5'	71° 00'	--	13	10	32.99	42.5	42.5
Feb. 21	0005	39°59.5'	70°59.5'	--	15	12	--	43.1	43.2
Feb. 21	0105	39° 58'	70°48.5'	--	16	13	33.42	44.5	44.6
Feb. 21	0200	39°58.5'	70° 38'	--	18	14	--	43.3	43.3
Feb. 21	0305	39° 58'	70° 26'	--	20	15	33.67	45.4	45.2
Feb. 21	0400	39°56.5'	70° 15'	--	21	16	--	45.0	45.0
Feb. 21	0500	39°56.5'	70° 00'	--	23	18	33.72	45.7	45.6
Feb. 21	0605	39°56.5'	69° 46'	--	25	19	--	41.8	41.9
Feb. 21	0705	39°57.5'	69° 33'	--	27	21	33.13	42.8	42.8
Feb. 21	0805	39°57.5'	69°20.5'	--	29	22	--	43.5	43.3
Feb. 21	0905	39° 57'	69°09.5'	--	31	23	32.83	41.2	41.5
Feb. 21	1005	39°56.5'	68°55.5'	--	33	24	--	42.0	42.0
Feb. 21	1100	39° 57'	68°43.5'	--	34	25	33.19	43.1	43.2
Feb. 21	1200	39° 57'	68° 31'	1	36	26	--	46.2	46.2
Feb. 21	1300	39° 57'	68° 24'	--	37	27	34.76	50.3	50.2
Feb. 21	1400	39° 57'	68°10.5'	--	39	29	--	49.6	49.6
Feb. 21	1505	39° 58'	67°59.5'	--	41	30	35.22	52.6	52.6
Feb. 21	1605	40° 05'	67° 54'	--	42	31	--	53.9	54.0
Feb. 21	1705	40°14.2'	67°49.5'	--	44	32	34.52	48.9	49.0
Feb. 21	1800	40°21.5'	67° 45'	--	46	34	--	48.6	48.8
Feb. 21	1900	40° 30'	67°41.5'	--	47	35	32.22	38.3	38.4
Feb. 21	2005	40° 40'	67° 36'	--	49	36	--	38.6	38.5
Feb. 21	2105	40° 46'	67° 30'	--	51	37	32.68	40.1	39.9
Feb. 21	2205	40°53.5'	67° 26'	--	52	39	--	39.9	39.9
Feb. 21	2305	41° 02'	67° 24'	--	54	40	32.58	39.7	39.6
Feb. 22	0005	41° 11'	67° 22'	--	56	41	--	39.2	39.2
Feb. 22	0100	41°18.5'	67°17.7'	--	57	42	32.87	39.6	39.5
Feb. 22	0200	41° 27'	67°14.3'	--	59	44	--	39.5	39.6
Feb. 22	0300	41°36.3'	67° 11'	--	61	45	32.83	39.6	39.6
Feb. 22	0400	41° 36'	67°07.2'	--	63	47	--	39.6	39.8
Feb. 22	0500	41°55.3'	67° 01'	--	65	48	32.73	39.6	39.6
Feb. 22	0600	42°04.8'	66°55.8'	2	67	50	--	39.5	39.5
Feb. 22	0805	42° 18'	66°45.5'	--	69	51	32.21	37.4	37.4
Feb. 22	0905	42° 27'	66° 40'	--	70	53	--	35.4	35.7
Feb. 22	1005	42°35.5'	66° 35'	--	71	54	31.60	35.2	35.2
Feb. 22	1100	42° 45'	66° 32'	--	73	55	--	35.2	35.2
Feb. 22	1205	42° 54'	66° 26'	--	74	57	31.67	35.6	35.7
Feb. 22	1300	43° 03'	66° 23'	--	76	58	--	35.8	35.9
Feb. 22	1400	43°10.5'	66°18.5'	--	77	59	31.48	35.3	35.2
Feb. 22	1500	43°18.8'	66°13.3'	--	78	60	--	34.8	34.8
Feb. 22	1600	43°24.8'	66°17.5'	--	79	61	31.60	35.9	35.9
Feb. 22	1700	43° 33'	66° 24'	--	81	62	--	35.9	35.9
Feb. 22	1800	43°42.5'	66° 31'	3	82	63	31.43	35.6	35.6

Table 2. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 71, February 20-March 2, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
					loading 2	loading 2	‰	°F.	
Feb. 22	2005	43°49.5'	66°35.5'	--	1	--	--	36.5	36.5
Feb. 22	2055	43° 56'	66° 41'	--	3	--	31.80	36.4	36.4
Feb. 22	2205	43°54.5'	66°54.5'	--	4	--	--	36.2	36.1
Feb. 22	2305	43° 53'	67° 06'	--	6	--	31.92	35.6	35.5
Feb. 23	0005	43° 51'	67° 18'	--	7	--	--	37.0	37.1
Feb. 23	0100	43° 50'	67° 30'	--	8	--	32.02	36.3	36.3
Feb. 23	0200	43° 47'	67° 41'	--	10	--	--	36.4	36.4
Feb. 23	0300	43° 45'	67° 53'	--	11	--	32.16	36.2	36.2
Feb. 23	0400	43° 44'	68°05.5'	--	12	--	--	36.4	36.4
Feb. 23	0505	43° 40'	68° 18'	--	14	--	31.99	36.4	36.4
Feb. 23	0600	43° 38'	68°27.7'	--	15	--	--	36.2	36.3
Feb. 23	0705	43° 35'	68° 36'	--	17	--	32.28	36.4	36.1
Feb. 23	0810	43°33.5'	68° 55'	--	19	--	--	36.4	36.4
Feb. 23	0905	43°30.5'	69° 08'	--	20	--	32.00	36.9	36.8
Feb. 23	1005	43°30.5'	69° 22'	--	22	--	--	36.7	36.7
Feb. 23	1110	43°27.5'	69° 37'	--	23	--	32.08	36.8	36.8
Feb. 23	1215	43°26.5'	69° 50'	4	25	--	--	36.4	36.5
Feb. 23	1405	43°26.5'	70° 04'	--	26	3	32.23	36.1	36.1
Feb. 23	1500	43°23.6'	70°13.8'	--	28	5	--	36.3	36.4
Feb. 23	1600	43°11.7'	70° 19'	--	30	7	32.42	37.6	37.4
Feb. 23	1700	43°02.5'	70° 23'	--	31	9	--	37.9	37.9
Feb. 23	1800	42° 54'	70° 24'	--	33	12	32.58	37.7	37.6
Feb. 23	1905	42° 54'	70°09.5'	--	35	14	--	38.3	38.3
Feb. 23	2005	42°53.5'	69° 54'	--	37	17	32.64	38.4	38.4
Feb. 23	2105	42° 54'	69°41.5'	--	39	19	--	37.9	37.7
Feb. 23	2205	42° 52'	69° 27'	--	40	21	32.13	37.2	37.2
Feb. 23	2305	42°49.5'	69°12.5'	--	42	23	--	36.6	36.6
Feb. 24	0005	42°46.5'	68°59.5'	5	44	25	32.06	36.8	36.8
Feb. 24	0100	42° 48'	68° 52'	--	45	27	--	37.6	37.7
Feb. 24	0205	42°47.5'	68° 40'	--	46	28	32.28	37.6	37.6
Feb. 24	0305	42°47.5'	68° 26'	--	48	30	--	37.2	37.3
Feb. 24	0400	42°48.5'	68° 14'	--	49	32	32.09	36.7	36.7
Feb. 24	0500	42° 48'	68°00.5'	--	50	34	--	36.9	36.9
Feb. 24	0600	42° 48'	67°47.5'	--	52	36	32.29	37.4	37.4
Feb. 24	0700	42°47.5'	67° 34'	--	53	38	--	37.5	37.5
Feb. 24	0805	42°47.5'	67°19.5'	--	55	40	31.74	35.3	35.4
Feb. 24	0905	42°46.5'	67° 04'	--	57	43	--	35.0	35.1
Feb. 24	1005	42° 45'	66° 50'	--	59	45	31.59	35.4	35.4
Feb. 24	1105	42°43.5'	66° 35'	--	60	47	--	35.6	35.5
Feb. 24	1205	42° 44'	66° 20'	--	62	49	31.70	35.8	35.8
Feb. 24	1300	42° 42'	66°07.8'	6	63	51	--	35.9	36.1
Feb. 24	1400	42° 39'	65°59.5'	--	64	53	31.63	34.8	34.8
Feb. 24	1500	42° 38'	65°45.5'	--	66	55	--	34.6	34.5
Feb. 24	1600	42° 36'	65° 32'	--	68	57	31.47	34.6	34.5
Feb. 24	1700	42°35.8'	65° 19'	--	69	59	--	34.7	34.4
Feb. 24	1800	42°35.5'	65°06.5'	--	71	61	31.66	34.1	33.9
Feb. 24	1905	42° 34'	64° 52'	--	73	63	--	34.0	33.9
Feb. 24	2005	42° 25'	65° 00'	--	75	65	31.91	33.8	33.9
Feb. 24	2105	42° 17'	65° 08'	--	77	67	--	34.1	34.1
Feb. 24	2205	42°10.5'	65° 14'	--	78	69	31.89	34.4	34.4

Table 2. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 71, February 20-March 2, 1956--Continued

Date	Time	Lat-itude N.	Longi-tude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temper-ature
							Salin-ity	Tem-pera-ture	
							‰	°F.	
Feb. 24	2305	42° 08'	65° 26'	--	79	71	--	35.4	35.4
Feb. 25	0005	42°08.5'	65° 37'	--	81	73	31.62	34.4	34.6
Feb. 25	0100	42°07.5'	65° 50'	--	83	74	--	34.6	34.6
Feb. 25	0205	42° 06'	66° 01'	7	84 loading 3	76 loading 3	31.92	35.6	35.7
Feb. 25	0255	42° 06'	66° 09'	--	2	1	--	36.3	36.2
Feb. 25	0505	42°06.1'	66° 25'	--	4	3	32.43	38.4	38.3
Feb. 25	0600	42° 10'	66°38.8'	--	6	5	--	37.7	37.7
Feb. 25	0705	42° 11'	66° 54'	--	7	7	32.38	38.1	38.1
Feb. 25	0805	42° 12'	67° 04'	--	9	9	--	38.8	38.8
Feb. 25	0905	42°12.5'	67° 17'	--	10	11	32.60	39.5	39.5
Feb. 25	1005	42° 12'	67° 30'	--	12	13	--	39.5	39.4
Feb. 25	1105	42° 12'	67° 41'	--	13	15	32.44	38.7	38.5
Feb. 25	1205	42° 13'	67° 54'	--	15	17	--	38.0	37.8
Feb. 25	1300	42°11.8'	68°03.2'	--	16	18	32.39	38.5	--
Feb. 25	1400	42°09.5'	68°13.5'	--	17	19	--	39.2	--
Feb. 25	1500	42°09.4'	68°25.2'	--	19	21	32.60	39.0	--
Feb. 25	1600	42° 14'	68°37.5'	--	21	23	--	38.8	--
Feb. 25	1700	42°17.1'	68°49.6'	--	22	25	32.78	39.9	--
Feb. 25	1800	42°20.5'	69° 01'	--	24	27	--	38.3	--
Feb. 25	1900	42°23.4'	69°14.6'	--	25	29	32.32	38.3	--
Feb. 25	2000	42°26.8'	69°26.5'	--	27	31	--	39.3	--
Feb. 27	1740	42° 30'	69°52.3'	8	30	35	32.81	39.5	39.4
Feb. 27	1905	42° 22'	70° 00'	--	35	40	--	38.8	38.8
Feb. 27	2005	42°12.5'	70° 08'	--	36	43	32.48	37.0	37.0
Feb. 27	2105	42° 05'	70° 00'	--	37	44	--	35.9	36.0
Feb. 27	2205	41° 58'	69° 48'	--	38	45	32.70	39.1	39.1
Feb. 27	2305	41° 54'	69° 38'	--	39	48	--	39.8	39.8
Feb. 28	0005	41° 53'	69° 25'	--	40	50	32.92	39.9	39.9
Feb. 28	0100	41°52.7'	69°12.3'	--	41	51	--	39.8	39.8
Feb. 28	0200	41°52.7'	69°00.8'	--	42	53	33.10	41.1	41.1
Feb. 28	0300	41°53.1'	68°47.6'	--	43	55	--	41.2	41.2
Feb. 28	0400	41°53.3'	68°35.2'	--	44	56	32.98	40.7	40.8
Feb. 28	0500	41°53.5'	68°24.5'	--	45	58	--	39.4	39.5
Feb. 29	0200	41°50.5'	67° 44'	--	48	63	32.61	39.1	39.2
Feb. 29	0300	41°49.5'	67°32.8'	--	49	65	--	39.3	39.3
Feb. 29	0400	41°48.5'	67° 21'	--	50	66	32.60	39.0	39.1
Feb. 29	0500	41°47.5'	67°09.7'	--	51	68	--	39.2	39.0
Feb. 29	0600	41°46.5'	66° 58'	--	52	69	32.76	39.1	39.1
Feb. 29	0705	41° 46'	66° 45'	--	53	70	--	39.3	39.5
Feb. 29	0805	41° 41'	66°34.5'	--	54	72	32.78	39.6	39.6
Feb. 29	0905	41° 42'	66° 23'	--	55	74	--	39.8	39.8
Feb. 29	1005	41°40.5'	66° 12'	--	56	75	32.76	39.8	39.8
Feb. 29	1105	41° 35'	66°00.5'	--	57	77	--	40.0	39.9
Feb. 29	1210	41° 31'	65°59.5'	9	57	79	32.81	40.2	40.2
Feb. 29	1400	41° 20'	66°07.5'	--	60	82	--	39.8	39.8
Feb. 29	1500	41°18.5'	66°20.5'	--	61	84	32.85	40.0	40.0
Feb. 29	1600	41°18.4'	66°29.7'	--	62	85	--	40.1	40.0
Feb. 29	1700	41°16.5'	66° 39'	--	63	86	32.86	39.8	39.8
Feb. 29	1800	41°15.5'	66° 49'	--	63	87	--	39.5	39.5

Table 2.--Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 71, February 20-March 2, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
					loading 4	loading 4	‰	°F.	
Feb. 29	2005	41°13.5'	66° 58'	10	1	1	32.70	39.1	39.1
Feb. 29	2105	41° 14'	67° 10'	--	3	3	--	39.2	39.3
Feb. 29	2205	41°12.5'	67° 23'	--	4	5	32.86	38.8	38.9
Feb. 29	2305	41° 13'	67° 35'	--	6	6	--	38.6	38.8
Mar. 1	0005	41° 12'	67° 45'	--	7	8	32.77	38.6	38.7
Mar. 1	0100	41°15.4'	67° 56'	--	8	9	--	38.1	38.3
Mar. 1	0200	41°16.5'	68° 07'	--	10	11	32.60	38.8	38.9
Mar. 1	0300	41°17.4'	68° 17'	--	11	12	--	38.9	38.8
Mar. 1	0400	41° 18'	67°28.2'	--	12	13	32.92	39.5	39.4
Mar. 1	0500	41°16.5'	68°42.2'	--	14	15	--	39.7	39.6
Mar. 1	0610	41°15.5'	68° 57'	--	15	17	33.07	40.3	40.3
Mar. 1	0705	41° 07'	68°59.5'	--	17	19	--	40.2	40.2
Mar. 1	0805	40° 52'	68°59.5'	--	19	22	32.99	39.4	39.4
Mar. 1	0905	40° 45'	68°57.5'	--	20	23	--	39.7	39.8
Mar. 1	1010	40°47.4'	68°41.7'	--	22	25	32.56	39.9	39.9
Mar. 1	1105	40°47.5'	68° 30'	--	23	27	--	39.8	39.8
Mar. 1	1200	40° 47'	68° 17'	--	25	28	32.48	39.6	39.5
Mar. 1	1300	40°49.7'	68°03.8'	--	26	30	--	39.8	39.7
Mar. 1	1410	40°49.5'	67°48.5'	--	28	32	32.59	40.5	40.5
Mar. 1	1430	40°48.5'	67°43.7'	11	28	32	--	40.1	40.1
Mar. 1	1600	40°37.7'	67° 49'	--	31	35	32.78	40.7	40.8
Mar. 1	1705	40° 29'	67° 56'	--	33	37	--	40.9	41.0
Mar. 1	1800	40° 29'	68°08.8'	--	35	38	32.80	40.8	40.7
Mar. 1	1910	40° 27'	68° 22'	--	36	40	--	40.4	40.4
Mar. 1	2010	40° 27'	68° 34'	--	38	42	32.64	40.2	40.2
Mar. 1	2105	40° 27'	68° 48'	--	40	44	--	40.3	40.1
Mar. 1	2205	40° 28'	69° 00'	--	42	46	32.83	40.1	40.1
Mar. 1	2305	40° 28'	69°13.5'	--	43	48	--	39.9	39.8
Mar. 2	0005	40°31.5'	69° 25'	--	45	50	32.78	38.3	38.3
Mar. 2	0105	40° 35'	69° 37'	--	47	51	--	38.6	38.7
Mar. 2	0205	40°38.5'	69° 48'	--	48	53	32.56	37.3	37.4
Mar. 2	0305	40° 40'	70° 00'	--	50	55	--	37.0	37.1
Mar. 2	0405	40° 43'	70° 10'	--	52	57	32.58	37.1	37.1
Mar. 2	0505	40° 45'	70° 20'	--	53	58	--	37.6	36.7
Mar. 2	0605	40° 54'	70° 32'	--	55	60	32.37	36.8	36.9
Mar. 2	0705	41° 02'	70° 42'	--	57	63	--	36.6	36.5
Mar. 2	0805	41° 07'	70° 49'	--	59	64	31.99	35.5	35.4
Mar. 2	0850	41° 17'	70°52.9'	12	60	66	--	35.1	35.0

Table 3. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 72, March 21-31, 1956

Date	Time	Lat-itude W.	Longi-tude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temper-ature
							Salin-ity	Tem-pera-ture	
					loading 1	loading 1	‰	°F.	
Mar. 21	1200	41° 20'	70° 00'	--	--	--	31.54	35.3	--
Mar. 21	1300	41° 06'	71° 02'	--	--	1	--	37.0	37.1
Mar. 21	1400	40° 58'	71°03.2'	--	2	2	32.47	37.2	37.1
Mar. 21	1505	40° 46'	71° 01'	--	5	3	--	38.4	38.4
Mar. 21	1605	40°33.5'	71° 00'	--	7	5	32.82	39.9	39.9
Mar. 21	1705	40° 27'	71° 02'	--	9	6	--	40.6	40.5
Mar. 21	1800	40° 19'	71°02.5'	--	11	7	32.87	40.9	40.9
Mar. 21	1900	40° 08'	71° 03'	--	12	8	--	43.8	43.7
Mar. 21	2000	40°02.3'	70° 56'	--	15	9	--	42.4	42.4
Mar. 21	2100	40°01.7'	70°47.7'	--	16	10	--	43.8	43.8
Mar. 21	2200	40°01.8'	70°37.7'	--	18	11	32.27	42.9	43.1
Mar. 21	2300	40°01.2'	70°23.5'	1	20	12	--	42.8	42.8
Mar. 22	0005	40° 01'	70°13.5'	--	21	15	33.73	44.6	44.7
Mar. 22	0200	40° 00'	70°00.2'	--	24	16	--	42.9	43.0
Mar. 22	0310	40° 01'	69° 48'	--	26	17	33.14	41.6	41.6
Mar. 22	0405	40° 01'	69° 38'	--	28	17	--	42.6	42.7
Mar. 22	0505	40° 00'	69° 26'	--	29	18	32.91	40.8	40.9
Mar. 22	0605	39°.58'	69° 15'	--	31	19	--	47.5	47.4
Mar. 22	0705	39° 58'	69° 03'	--	33	20	34.95	50.9	50.8
Mar. 22	0805	39° 57'	68° 51'	--	35	21	--	50.4	50.5
Mar. 22	0905	39° 57'	68° 39'	--	36	22	34.76	50.3	50.3
Mar. 22	1005	39° 57'	68° 27'	--	38	23	--	45.9	46.0
Mar. 22	1105	39°56.5'	68° 16'	2	40	24	34.45	48.8	48.9
Mar. 22	1215	39°57.5'	68°04.3'	--	41	26	--	48.0	48.0
Mar. 22	1400	40°04.2'	68° 01'	--	44	27	34.01	46.9	46.9
Mar. 22	1500	40° 09'	67° 58'	--	45	28	--	47.9	47.9
Mar. 22	1605	40° 17'	67° 50'	--	47	30	33.21	42.1	42.1
Mar. 22	1705	40° 27'	67°44.5'	--	49	31	--	39.9	39.8
Mar. 22	1805	40° 35'	67°41.5'	--	50	33	32.61	39.3	39.4
Mar. 22	1905	40°42.5'	67° 37'	--	52	35	--	39.2	39.2
Mar. 22	2000	40°54.8'	67°32.8'	--	54	37	32.72	39.3	39.3
Mar. 22	2105	41° 05'	67° 27'	--	56	39	--	39.3	39.5
Mar. 22	2205	41° 13'	67° 21'	--	57	40	32.68	39.2	39.3
Mar. 22	2305	41°19.5'	67° 15'	--	59	42	--	39.0	38.9
Mar. 23	0005	41° 27'	67°10.5'	3	61	45	32.63	38.9	38.9
Mar. 23	0200	41° 39'	67° 08'	--	63	47	--	38.9	38.9
Mar. 23	0300	41° 49'	67°05.6'	--	64	49	32.54	38.8	38.9
Mar. 23	0405	41° 57'	67° 00'	--	66	50	--	39.3	39.5
Mar. 23	0505	42° 09'	66°53.5'	--	68	53	32.67	39.1	39.3
Mar. 23	0605	42° 19'	66° 48'	--	70	55	--	37.5	37.7
Mar. 23	0705	42° 28'	66° 44'	--	71	56	32.42	38.1	38.1
Mar. 23	0810	42° 38'	66° 39'	--	73	58	--	35.6	36.3
Mar. 23	0905	42°46.5'	66° 34'	--	74	60	31.76	35.2	35.1
Mar. 23	1005	42° 54'	66° 27'	--	76	61	--	35.9	36.0
Mar. 23	1100	43° 02'	66° 22'	--	77	63	31.70	34.9	34.8
Mar. 23	1200	43° 09'	66° 11'	--	79	66	--	34.7	34.7
Mar. 23	1300	43° 07'	65°58.5'	--	81	67	31.56	34.4	34.4
Mar. 23	1405	42° 55'	65° 42'	--	83	69	--	34.5	33.9
Mar. 23	1500	43°03.7'	65°31.2'	--	84	71	31.54	33.4	33.9
Mar. 23	1550	43°03.7'	65° 21'	4	85	72	--	35.5	35.0

Table 3.--Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 72, March 21-31, 1956--Continued

Date	Time	Latitude W.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
					loading 2	loading 2	‰	°F.	
Mar. 23	1810	43°01.5'	65° 00'	--	3	6	31.63	33.7	33.7
Mar. 23	1905	43° 00'	64° 48'	--	4	7	--	33.7	33.7
Mar. 23	2000	42° 56'	64° 40'	--	6	8	31.52	33.3	33.2
Mar. 23	2100	42° 45'	64° 39'	--	8	10	--	33.3	33.1
Mar. 23	2205	42° 35'	64° 40'	--	10	12	31.97	33.9	34.0
Mar. 23	2305	42°34.5'	64° 51'	--	12	13	--	33.2	33.2
Mar. 24	0005	42° 34'	65° 04'	--	13	15	31.69	33.6	33.6
Mar. 24	0100	42°25.7'	65° 15'	--	15	16	--	35.2	35.2
Mar. 24	0200	42°36.5'	65° 29'	--	17	18	31.75	35.1	35.1
Mar. 24	0305	42° 39'	65° 44'	--	19	20	--	35.6	35.7
Mar. 24	0405	42°42.5'	66° 00'	--	21	21	31.96	36.1	36.1
Mar. 24	0505	42°42.5'	66° 12'	--	22	23	--	35.5	35.6
Mar. 24	0605	42°42.5'	66°25.5'	--	24	24	31.75	34.8	35.0
Mar. 24	0705	42°43.5'	66°38.5'	--	25	26	--	35.3	35.0
Mar. 24	0810	42° 48'	66° 55'	--	28	28	32.36	37.6	37.7
Mar. 24	0910	42° 49'	67° 12'	--	30	30	--	36.4	36.5
Mar. 24	1005	42° 49'	67°24.5'	--	31	31	31.78	34.9	34.9
Mar. 24	1105	42° 48'	67° 39'	--	33	33	--	37.7	37.5
Mar. 24	1205	42° 48'	67° 51'	5	36	36	32.31	37.7	37.8
Mar. 24	1400	42° 48'	68° 12'	--	38	38	--	37.9	38.0
Mar. 24	1500	42°48.7'	68° 26'	--	40	40	32.36	37.7	37.7
Mar. 24	1600	42°47.5'	68°41.5'	--	42	42	--	38.1	--
Mar. 24	1700	42° 47'	68°54.3'	--	44	43	32.45	38.0	--
Mar. 24	1800	42° 45'	69° 07'	--	45	45	--	38.1	--
Mar. 24	1900	42° 43'	69° 20'	--	47	46	32.43	37.9	--
Mar. 26	0945	42° 34'	70° 23'	6	55	62	32.50	37.7	37.7
Mar. 26	1100	42° 25'	70° 22'	--	62	63	--	36.5	36.5
Mar. 26	1205	42° 14'	70° 17'	--	64	66	32.21	36.0	36.0
Mar. 26	1300	42°09.5'	70° 08'	--	66	67	--	37.2	37.3
Mar. 26	1400	42° 04'	69° 52'	--	68	69	32.48	38.2	38.1
Mar. 26	1500	42° 03'	69° 39'	--	70	71	--	39.1	39.1
Mar. 26	1605	42° 03'	69° 24'	--	72	73	32.66	38.7	38.8
Mar. 26	1705	42° 05'	69°10.5'	--	74	75	--	39.4	39.4
Mar. 26	1805	42° 05'	68° 55'	--	76	77	32.73	38.7	38.7
Mar. 26	1905	42°05.5'	68° 42'	--	77	79	--	38.5	38.6
Mar. 26	2005	42° 05'	68°27.5'	--	79	80	32.70	38.9	38.9
Mar. 26	2105	42° 06'	68° 16'	--	81	82	--	39.3	39.4
Mar. 26	2205	42° 08'	68°02.5'	--	83	84	32.93	40.0	40.0
Mar. 26	2305	42° 07'	67° 49'	--	85	86	--	38.0	38.0
Mar. 27	0005	42°07.5'	67°34.2'	7	86	87	32.69	38.8	39.4
					loading 3	loading 3			
Mar. 27	0210	42°06.5'	67°13.5'	--	3	3	--	39.0	39.1
Mar. 27	0300	42°04.2'	67° 02'	--	5	5	32.67	38.9	39.2
Mar. 27	0400	42°02.5'	66° 46'	--	7	7	--	38.9	39.0
Mar. 27	0505	42° 04'	66° 35'	--	9	9	32.74	39.2	39.2
Mar. 27	0605	42° 03'	66°23.5'	--	11	10	--	39.7	39.7
Mar. 27	0705	42° 02'	66° 11'	--	13	12	32.76	39.3	39.4
Mar. 27	0810	42°02.5'	65° 57'	--	15	14	--	36.0	35.9
Mar. 27	0905	42°03.5'	66° 46'	--	16	15	31.89	33.9	33.9

Table 3. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 72, March 21-31, 1956--Continued

Date	Time	Latitude W.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
Mar. 27	1005	42° 05'	65° 32'	--	18	17	--	33.8	33.7
Mar. 27	1100	42° 06'	65° 20'	--	20	19	31.94	33.9	33.8
Mar. 27	1215	42° 08'	65° 05'	--	23	21	--	35.8	35.7
Mar. 27	1300	42°14.5'	65° 05'	--	25	22	31.78	34.3	34.3
Mar. 27	1400	42°22.5'	65°05.5'	--	26	24	--	34.0	34.0
Mar. 27	1500	42°30.7'	65° 06'	8	29	27	31.73	34.0	34.0
Mar. 27	1605	42° 36'	65° 04'	--	30	28	--	34.6	34.6
Mar. 27	1705	42° 43'	65° 06'	--	31	29	31.70	34.5	34.5
Mar. 27	1805	42°52.2'	65° 10'	--	33	31	--	34.5	34.4
Mar. 27	1905	42°52.2'	65° 22'	--	35	32	31.58	33.6	33.6
Mar. 27	2005	42° 51'	65° 37'	--	36	34	--	33.5	33.5
Mar. 27	2105	42° 53'	65°51.5'	--	38	35	31.56	33.6	33.5
Mar. 27	2205	42° 52'	66° 04'	--	40	37	--	34.3	34.3
Mar. 27	2305	42°50.5'	66° 12'	--	41	38	31.84	35.3	35.3
Mar. 28	0005	42°40.5'	66°08.2'	--	43	40	--	35.6	35.5
Mar. 28	0105	42° 30'	66°05.2'	--	45	42	31.92	35.6	35.6
Mar. 28	0205	42° 18'	66°02'	--	47	44	--	35.4	35.5
Mar. 28	0300	42°07.2'	65° 58'	--	49	46	32.09	35.5	35.5
Mar. 28	0405	41° 54'	65° 53'	--	51	48	--	37.6	37.5
Mar. 28	0505	41°45.5'	65° 54'	--	53	49	32.43	37.6	37.6
Mar. 28	0605	41° 44'	66°08.5'	--	55	51	--	39.4	39.4
Mar. 28	0705	41° 43'	66° 21'	--	57	52	32.66	38.8	38.7
Mar. 28	0805	41° 46'	66°35.5'	--	58	54	--	39.2	39.3
Mar. 28	0905	41° 49'	66° 48'	--	60	55	32.80	39.3	39.3
Mar. 28	1005	41° 51'	67° 02'	--	62	57	--	38.7	38.7
Mar. 28	1105	41° 51'	67° 16'	--	64	58	32.64	38.7	38.8
Mar. 28	1200	41° 50'	67° 23'	9	65	59	--	38.7	38.7
Mar. 28	1400	41°45.5'	67°40.5'	--	67	64	32.85	39.0	39.3
Mar. 28	1530	41°46.5'	67°50.3'	--	69	66	--	39.1	39.9
Mar. 28	1605	41°45.5'	67° 59'	--	70	68	32.90	39.6	39.7
Mar. 28	1705	41°46.5'	68° 12'	--	73	69	--	39.6	39.7
Mar. 28	1805	41° 47'	68°34.5'	--	74	71	32.97	39.8	39.9
Mar. 28	1905	41°48.5'	68° 40'	--	76	73	--	39.1	39.0
Mar. 28	2005	41°47.5'	68°50.5'	--	78	74	32.83	39.3	39.3
Mar. 28	2105	41° 47'	69° 01'	--	79	76	--	39.2	39.2
Mar. 28	2205	41° 46'	69°16.5'	--	81	77	32.66	38.7	38.7
Mar. 28	2305	41° 45'	69° 31'	--	83	79	--	38.2	38.2
Mar. 28	2400	41°48.7'	69°47.2'	--	85	82	32.50	37.9	37.9
Mar. 29	0100	41°40.3'	69° 41'	--	86	83	--	37.0	37.0
Mar. 29	0200	41° 33'	69°33.8'	--	88	85	32.46	37.3	37.3
Mar. 29	0300	41° 29'	69°21.8'	--	90	86	--	38.2	38.2
Mar. 29	0410	41° 27'	69°06.5'	10	92 loading 4	88 loading 4	--	38.1	38.3
Mar. 29	0605	41°24.3'	68° 49'	--	3	3	33.02	40.1	40.3
Mar. 29	0705	41° 26'	68° 36'	--	5	4	--	40.1	40.1
Mar. 29	0805	41° 26'	68° 26'	--	6	5	32.73	38.9	38.8
Mar. 29	0900	41° 26'	68° 14'	--	8	7	--	38.8	38.8
Mar. 29	1000	41° 26'	68°01.3'	--	9	8	32.69	38.8	38.8
Mar. 29	1100	41°29.5'	67° 50'	--	11	10	--	38.8	38.8
Mar. 29	1200	41°32.5'	67° 35'	--	13	11	32.65	38.9	38.8

Table 3. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 72, March 21-31, 1956--Continued

Date	Time	Latitude W.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
Mar. 29	1300	41° 30'	67° 19'	--	15	13	--	39.0	38.5
Mar. 29	1400	41° 30'	67°02.5'	--	17	15	32.55	39.7	39.1
Mar. 29	1500	41°26.5'	66° 45'	--	19	17	--	38.4	38.2
Mar. 29	1605	41°24.5'	66° 27'	11	21	18	32.64	39.4	38.8
Mar. 29	1705	41° 23'	66° 18'	--	23	21	--	37.1	36.9
Mar. 29	1805	41° 21'	66° 04'	--	25	23	33.36	42.3	43.4
Mar. 29	1905	41° 14'	66°15.5'	--	27	25	--	39.7	39.9
Mar. 29	2005	41° 07'	66°25.5'	--	29	27	32.50	38.2	38.5
Mar. 29	2105	41° 04'	66° 38'	--	31	29	--	37.5	37.5
Mar. 29	2205	41° 04'	66° 52'	--	33	31	32.52	38.9	38.7
Mar. 29	2300	41° 04'	66° 07'	--	35	33	--	39.0	38.5
Mar. 30	0005	41° 02'	67°17.5'	--	37	35	32.53	39.3	39.1
Mar. 30	0100	40° 54'	67°18.3'	--	38	37	--	39.0	38.8
Mar. 30	0200	40°45.8'	67° 13'	--	41	39	32.51	38.8	38.9
Mar. 30	0300	40°45.8'	67° 02'	--	43	41	--	38.9	38.9
Mar. 30	0405	40° 45'	66° 47'	--	45	43	32.87	40.0	40.1
Mar. 30	0505	40° 40'	66° 54'	--	46	44	--	41.5	41.5
Mar. 30	0605	40° 34'	67° 05'	--	48	46	32.57	39.1	39.0
Mar. 30	0705	40° 25'	67° 15'	--	50	48	--	39.6	39.5
Mar. 30	0805	40° 31'	67° 24'	--	52	49	32.68	39.1	39.1
Mar. 30	0900	40°37.5'	67°32.3'	--	54	51	--	38.7	38.7
Mar. 30	1000	40° 46'	67°43.8'	--	56	53	32.63	39.5	39.5
Mar. 30	1105	40° 54'	67°54.5'	--	58	55	--	39.5	39.3
Mar. 30	1215	41° 05'	68°03.8'	12	61	56	32.76	39.2	39.1
Mar. 30	1400	40° 58'	68°13.5'	--	62	60	--	39.4	39.4
Mar. 30	1500	40°51.3'	68° 22'	--	63	61	32.79	39.6	39.6
Mar. 30	1605	40° 46'	68° 30'	--	65	63	--	39.6	39.7
Mar. 30	1705	40° 39'	68° 39'	--	67	64	32.80	39.5	39.5
Mar. 30	1805	40° 32'	68°50.5'	--	69	67	--	39.4	39.4
Mar. 30	1905	40° 26'	68°57.5'	--	71	68	32.64	39.5	39.6
Mar. 30	2005	40° 30'	69° 06'	13	73	69	--	39.7	39.6
Mar. 30	2100	40°36.5'	69° 14'	--	74	71	32.75	38.7	38.7
Mar. 30	2200	40°43.5'	69° 24'	--	76	73	--	37.7	37.7
Mar. 30	2300	40°51.3'	69° 36'	--	78	75	32.60	37.9	38.0
Mar. 31	0005	40° 51'	69° 42'	--	78	77	--	38.0	38.2
					loading 5	loading 5			
Mar. 31	0200	40° 45'	69°48.5'	--	74	78	32.80	39.0	39.0
Mar. 31	0300	40°38.5'	69°55.5'	--	75	79	--	39.2	39.3
Mar. 31	0405	40°30.5'	70° 06'	--	77	81	32.95	39.4	39.4
Mar. 31	0505	40° 27'	70°12.5'	--	79	82	--	40.0	40.1
Mar. 31	0605	40° 34'	70° 20'	--	81	83	32.76	39.9	40.0
Mar. 31	0705	40° 43'	70°28.5'	--	83	85	--	39.6	39.7
Mar. 31	0805	40° 50'	70° 34'	--	84	86	32.76	38.7	38.8
Mar. 31	0900	40°56.5'	70° 39'	--	86	87	--	38.1	38.3
Mar. 31	1000	41° 05'	70°46.5'	--	87	88	32.41	37.5	37.5
Mar. 31	1125	41°28.5'	70° 56'	14	89	90	--	36.8	36.7

Table 4. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 73, April 17-28, 1956

Date	Time	Lat-itude N.	Longi-tude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temper-ature
							Salin-ity	Tem-pera-ture	
							‰	° F.	
Apr. 17	1040	41°17.4'	71° 00'	--	1	1	32.12	40.1	40.0
Apr. 17	1200	41°07.3'	71° 00'	--	2	3	--	40.3	40.6
Apr. 17	1300	40°58.5'	70°59.3'	--	3	4	32.62	41.3	41.3
Apr. 17	1400	40°48.7'	71° 00'	--	5	6	--	41.6	41.1
Apr. 17	1500	40°38.8'	71° 00'	--	7	8	32.81	41.9	41.8
Apr. 17	1605	40°30.4'	71°00.2'	--	8	9	--	42.4	42.1
Apr. 17	1705	40°20.6'	71°00.4'	--	10	11	33.18	44.2	44.3
Apr. 17	1805	40° 13'	71°00.8'	--	11	12	--	44.7	44.4
Apr. 17	1905	40°02.5'	70°59.6'	--	13	14	33.88	46.9	45.8
Apr. 17	2000	40°00.5'	70° 51'	--	14	15	--	41.4	41.2
Apr. 17	2100	40° 00'	70° 39'	--	16	16	33.21	44.5	44.4
Apr. 17	2200	40°00.5'	70°25.5'	--	18	18	--	44.6	44.8
Apr. 17	2300	40°00.5'	70° 13'	--	19	20	33.37	44.8	45.0
Apr. 18	0000	40° 01'	69°58.5'	1	21	21	--	45.0	47.1
Apr. 18	0200	40°01.5'	69°42.6'	--	25	26	32.61	41.5	41.5
Apr. 18	0300	40°01.5'	69°28.5'	--	28	28	--	41.8	41.7
Apr. 18	0405	40°01.5'	69°15.3'	--	29	30	32.60	41.4	41.5
Apr. 18	0505	40°00.5'	69°02.3'	--	31	31	--	43.9	44.0
Apr. 18	0605	40° 00'	68°49.5'	--	33	33	34.06	48.2	48.6
Apr. 18	0705	40° 00'	68°35.2'	--	36	35	--	46.6	46.8
Apr. 18	0800	40° 00'	68° 22'	--	38	37	34.03	47.8	47.8
Apr. 18	0900	40° 00'	68°10.5'	--	39	38	--	49.9	49.6
Apr. 18	1000	40° 00'	68° 00'	--	41	39	34.91	52.4	52.3
Apr. 18	1100	40°11.7'	67°54.3'	--	43	41	--	53.5	53.5
Apr. 18	1215	40° 21'	67°49.5'	2	47	43	33.08	44.9	45.9
Apr. 18	1400	40°36.5'	67°44.1'	--	50	48	--	41.8	41.6
Apr. 18	1500	40°45.9'	67°40.2'	--	51	50	32.50	41.6	41.3
Apr. 18	1605	40°56.9'	67°34.9'	--	54	52	--	42.4	42.0
Apr. 18	1705	41°06.4'	67° 28'	--	56	54	32.55	41.1	39.7
Apr. 18	1805	41°16.7'	67°21.8'	--	58	56	--	40.6	40.4
Apr. 18	1905	41°25.3'	67°13.6'	--	60	58	32.59	40.6	40.7
Apr. 18	2000	41°33.7'	67°09.3'	--	62	59	--	40.4	40.3
Apr. 18	2100	41° 44'	67°05.3'	--	64	61	32.64	40.5	40.4
Apr. 18	2200	41°52.7'	67°01.7'	--	65	63	--	40.4	40.5
Apr. 18	2300	42°00.7'	66° 57'	--	67	65	32.60	40.1	40.1
Apr. 19	0005	42°08.7'	66°51.3'	3	70	66	--	41.3	41.2
Apr. 19	0205	42° 23'	66° 44'	--	72	71	31.99	39.4	39.1
Apr. 19	0305	42° 34'	66° 40'	--	74	72	--	39.6	39.3
Apr. 19	0405	42° 44'	66°36.9'	--	76	74	31.69	37.0	37.0
Apr. 19	0505	42° 54'	66°32.5'	--	78	76	--	36.7	36.2
Apr. 19	0605	43° 04'	66°28.5'	--	79	77	31.74	36.7	36.6
Apr. 19	0705	43° 12'	66° 25'	--	81	79	--	37.8	37.8
Apr. 19	0805	43°22.9'	66°20.4'	--	83	81	31.63	35.9	35.7
Apr. 19	0900	43° 32'	66°23.5'	--	85	83	--	36.1	35.7
Apr. 19	1000	43° 40'	66°33.8'	--	87	84	31.92	37.3	37.1
Apr. 19	1100	43°47.5'	66°42.5'	--	88	86	--	37.9	37.8
Apr. 19	1205	43°58.2'	66° 53'	4	90	87	31.98	37.9	38.0
					loading 2	loading 2			
Apr. 19	1400	43°55.3'	67°04.1'	--	2	3	--	38.9	38.8
Apr. 19	1500	43° 54'	67° 13'	--	4	4	32.21	39.8	39.6

Table 4. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 73, April 17-28, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
Apr. 19	1605	43°52.3'	67°29.5'	--	6	6	--	41.1	39.3
Apr. 19	1705	43°51.8'	67° 44'	--	8	8	32.03	38.9	38.3
Apr. 19	1805	43°50.4'	67°59.7'	--	10	10	--	39.8	39.3
Apr. 19	1905	43°48.4'	68°13.2'	--	12	11	32.21	39.7	38.4
Apr. 19	2000	43°46.5'	68°25.5'	--	13	13	--	39.9	39.9
Apr. 19	2100	43°44.5'	68° 40'	--	15	15	32.03	38.2	37.4
Apr. 19	2200	43°42.2'	68°54.8'	--	17	17	--	38.5	38.0
Apr. 19	2300	43° 40'	69°08.8'	--	19	19	32.31	39.3	38.5
Apr. 20	0005	43°38.2'	69° 19'	5	20	20	--	40.0	37.5
Apr. 20	0205	43°34.7'	69°43.8'	--	24	25	25.27	40.1	36.9
Apr. 20	0305	43°31.1'	69°58.7'	--	26	26	--	39.9	37.0
Apr. 20	0405	43°22.5'	70°07.7'	--	28	29	30.17	40.9	38.9
Apr. 20	0505	43° 15'	70°15.3'	--	30	30	--	41.1	40.3
Apr. 20	0605	43°06.7'	70°23.8'	--	32	32	30.47	40.8	38.9
Apr. 20	0705	42°59.5'	70° 28'	--	33	34	--	40.5	39.8
Apr. 20	0800	42°58.7'	70°15.3'	--	35	36	31.59	41.3	39.5
Apr. 20	0900	42°58.3'	70° 00'	--	37	38	--	39.9	39.7
Apr. 20	1000	42°57.3'	69° 46'	--	39	40	32.42	41.2	40.0
Apr. 20	1100	42° 57'	69° 30'	--	41	42	--	41.0	39.5
Apr. 20	1205	42° 56'	69°17.5'	6	42	43	32.31	41.1	39.8
Apr. 20	1420	42° 53'	68° 52'	--	47	48	--	42.5	39.9
Apr. 20	1500	42°51.7'	68°45.5'	--	48	49	32.23	41.0	39.5
Apr. 20	1605	42°49.6'	68°30.3'	--	50	51	--	41.2	40.0
Apr. 20	1705	42°49.7'	68°16.3'	--	52	53	32.38	41.8	41.0
Apr. 20	1805	42°48.8'	68°03.2'	--	53	54	--	41.1	40.4
Apr. 20	1905	42°49.8'	67° 49'	--	55	56	32.24	40.4	40.2
Apr. 20	2000	42°50.7'	67°36.2'	--	57	58	--	40.2	40.3
Apr. 20	2100	42°51.2'	67°21.7'	--	59	60	32.11	40.2	39.8
Apr. 20	2200	42°51.7'	67°07.8'	--	61	62	--	38.8	39.4
Apr. 20	2305	42°52.2'	66°52.5'	--	63	64	32.22	39.8	40.0
Apr. 21	0005	42°52.8'	66°38.2'	7	64	67	--	37.6	37.5
Apr. 21	0210	42° 53'	66° 00'	--	68	69	31.77	36.5	36.2
Apr. 21	0310	42°53.1'	66°02.8'	--	70	71	--	36.3	36.0
Apr. 21	0420	42°53.3'	65° 46'	--	72	73	31.94	36.3	36.3
Apr. 21	0500	42°52.2'	65°37.5'	--	74	75	--	36.2	36.1
Apr. 21	0605	42°48.7'	65°25.8'	--	75	76	31.56	34.9	34.7
Apr. 21	0705	42°43.7'	65°12.2'	--	76	78	--	36.0	36.0
Apr. 21	0800	42° 38'	65°01.5'	--	78	80	31.56	34.8	34.8
Apr. 21	0900	42°26.6'	65°03.7'	--	81	82	--	37.9	37.9
Apr. 21	1000	42°15.5'	65°05.5'	--	82	84	31.86	36.6	36.6
Apr. 21	1100	42°05'	65°10.2'	--	84	86	--	38.2	38.3
Apr. 21	1200	42°00.8'	65°21.2'	8	86	88	32.01	37.2	37.2
					loading 3	loading 3			
Apr. 21	1400	42° 00'	65°34.5'	--	2	3	--	38.5	38.4
Apr. 21	1500	42°01.6'	65°48.6'	--	4	4	31.81	37.1	37.1
Apr. 21	1605	42°01.5'	66° 01'	--	6	6	--	37.7	37.6
Apr. 21	1705	42°01.2'	66°13.1'	--	8	8	32.22	39.0	39.0
Apr. 21	1805	42°02.6'	66°25.2'	--	9	9	--	41.0	41.0
Apr. 21	1905	42° 03'	66° 37'	--	11	11	32.60	40.1	40.2
Apr. 21	2000	42°05.4'	66°48.8'	--	13	12	--	40.4	40.5

Table 4. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 73, April 17-28, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	° F.	
Apr. 21	2100	42°04.7'	67° 00'	--	14	14	32.61	40.4	40.5
Apr. 21	2200	42°00.5'	67° 10'	--	16	15	--	41.4	41.5
Apr. 21	2300	41°58.4'	67° 20'	--	17	17	32.79	41.6	41.6
Apr. 22	0005	41°56.7'	67°32.7'	9	20	20	--	41.6	41.8
Apr. 22	0205	41°57.6'	67°52.7'	--	22	22	32.62	41.6	41.6
Apr. 22	0305	41°58.8'	68°05.2'	--	24	24	--	40.9	40.9
Apr. 22	0405	41°59.5'	68°17.5'	--	26	26	32.59	41.0	39.9
Apr. 22	0505	42°01.6'	68° 30'	--	28	28	--	41.5	41.5
Apr. 22	0605	42°01.3'	68°40.5'	--	29	29	32.62	41.5	41.4
Apr. 22	0705	42°02.7'	68°51.5'	--	31	31	--	41.4	41.4
Apr. 22	0805	42°04.8'	69°04.5'	--	32	33	32.49	40.3	40.2
Apr. 22	0900	42°06.4'	69°16.2'	--	34	34	--	40.6	40.1
Apr. 22	1000	42°06.8'	69° 28'	--	36	36	32.40	40.3	40.1
Apr. 22	1100	42°08.8'	69° 38'	--	37	38	--	41.0	40.2
Apr. 22	1215	42° 14'	69°46.1'	10	40	39	32.64	41.8	41.7
Apr. 22	1405	42° 20'	69°53.5'	--	41	42	--	40.5	40.5
Apr. 22	1505	42° 28'	69°59.5'	--	43	44	32.15	41.0	39.8
Apr. 22	1605	42°30.5'	70°14.5'	--	45	46	--	42.9	42.6
Apr. 22	1705	42°31.4'	70°27.5'	--	46	48	29.75	41.7	40.5
Apr. 22	1805	42° 32'	70° 37'	--	48	50	--	40.3	39.9
Apr. 22	1905	42°24.5'	70°26.6'	--	50	52	30.71	42.1	41.0
Apr. 22	2000	42°16.7'	70° 17'	--	51	54	--	40.1	39.9
Apr. 22	2100	42° 09'	70°07.2'	--	54	56	31.86	40.3	40.1
Apr. 22	2200	42°01.8'	69°55.7'	--	56	58	--	39.7	39.8
Apr. 22	2300	41°49.7'	69°49.7'	--	57	59	31.98	40.1	40.1
Apr. 23	0005	41°40.7'	69° 46'	11	59	62	--	40.4	39.9
Apr. 23	0205	41°31.4'	69° 35'	--	64	67	32.25	39.8	39.8
Apr. 23	0305	41°32.7'	69° 22'	--	66	69	--	40.6	40.6
Apr. 23	0405	41° 34'	69°07.3'	--	68	71	32.42	40.3	40.3
Apr. 23	0505	41°35.5'	68°52.5'	--	70	73	--	41.0	39.8
Apr. 23	0605	41°36.6'	68° 41'	--	71	74	32.53	40.9	40.8
Apr. 23	0705	41°37.5'	68°30.3'	--	73	76	--	41.7	41.6
Apr. 23	0800	41° 32'	68° 20'	--	74	77	32.74	41.7	41.5
Apr. 23	0900	41°27.8'	68°09.3'	--	76	79	--	41.9	41.9
Apr. 23	1000	41°28.5'	67°55.5'	--	78	81	32.70	42.1	41.6
Apr. 23	1100	41° 28'	67°40.5'	--	80	83	--	42.0	41.8
Apr. 23	1215	41°25.4'	67°21.8'	12	82 loading 4	85 loading 4	32.62	41.9	41.7
Apr. 23	1410	41°25.2'	67° 09'	--	2	2	--	41.4	41.4
Apr. 23	1510	41° 28'	66° 58'	--	4	4	32.65	41.2	41.2
Apr. 23	1605	41°31.7'	66° 47'	--	5	5	--	40.1	40.1
Apr. 23	1705	41°32.2'	66°34.3'	--	7	7	32.42	39.6	39.6
Apr. 23	1805	41°33.2'	66° 23'	--	8	8	--	40.0	40.0
Apr. 23	1905	41°33.3'	66° 11'	--	10	10	32.27	39.0	39.0
Apr. 23	2000	41°31.4'	65° 57'	--	12	12	--	39.1	38.9
Apr. 24	0605	41°09.5'	66°12.4'	--	17	16	33.65	45.6	46.0
Apr. 24	0705	41°04.2'	66°21.3'	--	19	17	--	40.5	40.5
Apr. 24	0805	41°01.2'	66°32.5'	--	20	19	32.31	39.2	39.2
Apr. 24	0900	41°00.7'	66°45.5'	--	22	21	--	39.8	39.7

Table 4. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 73, April 17-28, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
Apr. 24	1000	41°00.6'	66° 57'	--	23	22	32.37	40.0	40.1
Apr. 24	1105	41°00.5'	67°09.3'	--	25	24	--	40.3	40.3
Apr. 24	1205	40°59.4'	67°21.7'	13	28	25	32.53	40.1	40.0
Apr. 24	1410	40° 56'	67°38.7'	--	30	29	--	41.4	41.2
Apr. 24	1505	40°56.9'	67° 52'	--	31	30	32.58	41.5	41.6
Apr. 24	1605	40°58.2'	68°06.3'	--	33	32	--	42.0	41.9
Apr. 24	1705	41°00.8'	68° 20'	--	35	34	32.69	41.8	41.8
Apr. 24	1805	41°01.8'	68° 34'	--	37	36	--	41.9	41.9
Apr. 24	1905	41° 03'	68°46.8'	--	38	38	32.75	41.4	41.4
Apr. 24	2000	41°03.5'	69° 00'	--	40	40	--	40.5	40.4
Apr. 24	2100	41°02.3'	69°10.8'	--	41	41	32.52	40.5	40.5
Apr. 24	2200	40°55.8'	69° 14'	--	42	43	--	40.5	40.4
Apr. 24	2300	40° 48'	69°08.2'	--	44	45	32.53	40.7	40.7
Apr. 25	0005	40°36.2'	69°02.3'	14	45	46	--	41.2	41.2
Apr. 25	0210	40°29.5'	68°43.0'	--	54	51	32.63	41.1	41.1
Apr. 25	0310	40°29.0'	68°29.0'	--	56	52	--	40.8	40.8
Apr. 25	0405	40°28.3'	68°18.0'	--	58	54	32.54	40.8	40.8
Apr. 25	0505	40°29.8'	68°06.0'	--	60	56	--	38.9	38.9
Apr. 25	0605	40°31.4'	67°53.5'	--	61	57	32.29	39.4	39.4
Apr. 25	0705	40°33.5'	67°42.5'	--	63	59	--	39.2	39.2
Apr. 25	0805	40°33.1'	67°29.5'	--	65	60	32.30	39.7	39.7
Apr. 25	0900	40°32.3'	67° 18'	--	66	62	--	41.9	41.9
Apr. 25	1000	40°31.4'	67° 04'	--	68	64	33.58	46.2	46.3
Apr. 25	1100	40° 37'	66° 56'	--	70	65	--	45.6	45.4
Apr. 25	1205	40°47.2'	66°56.2'	15	71	66	32.38	39.8	39.7
Apr. 25	1405	40°59.7'	66° 43'	--	76	71	--	40.2	40.0
Apr. 25	1505	41° 07'	66°36.2'	--	78	73	32.48	40.3	40.2
Apr. 25	1605	41° 13'	66°28.2'	--	79	75	--	40.5	40.5
Apr. 25	1705	41°20.5'	66° 23'	--	80	76	32.52	40.0	40.0
Apr. 25	1805	41°27.8'	66°17.6'	--	82	78	--	40.0	40.0
Apr. 25	1905	41°37'	66°12.8'	--	84	80	32.51	39.2	39.2
Apr. 25	2005	41° 45'	66° 08'	--	85	81	--	40.6	40.5
Apr. 25	2100	41°56'	66° 03'	--	87	84	32.02	37.7	37.8
Apr. 25	2200	42°04.3'	65° 54'	--	89	86	--	39.3	39.5
Apr. 25	2300	42°13.7'	65°46.6'	--	91	88	32.29	38.6	39.1
Apr. 26	0005	42°21.3'	65°35.1'	16	92	89	--	36.5	36.5
					loading 5	loading 5			
Apr. 26	0205	42° 30'	65°28.8'	--	8	2	31.63	35.4	35.2
Apr. 26	0305	42° 39'	65° 23'	--	10	4	--	35.9	35.8
Apr. 26	0405	42°48.5'	65° 17'	--	11	6	31.60	34.5	34.6
Apr. 26	0505	42°57.5'	65°11.5'	--	13	8	--	34.7	34.5
Apr. 26	0605	42°55.5'	65° 20'	--	14	9	31.62	34.6	--
Apr. 26	0705	42° 51'	65°33.3'	--	16	11	--	36.6	36.6
Apr. 26	0805	42° 45'	65°45.5'	--	18	13	31.96	39.9	36.9
Apr. 26	0900	42°43.5'	66°00.3'	--	19	15	--	36.9	36.6
Apr. 26	1000	42° 40'	66°14.5'	--	21	17	31.92	37.1	36.9
Apr. 26	1100	42°33.5'	66°26.3'	--	22	19	--	37.1	36.7
Apr. 26	1205	42°23.3'	66°38.6'	17	25	20	31.86	36.7	36.2
Apr. 26	1405	42°19.8'	66° 56'	--	27	24	--	40.2	40.2
Apr. 26	1505	42°21.3'	66°42.5'	--	29	26	31.85	36.6	36.6
Apr. 26	1605	42°22.5'	66° 27'	--	31	29	--	36.8	36.7

Table 4.--Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 73, April 17-28, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
Apr. 26	1705	42°23.7'	66° 12'	--	33	31	32.46	39.1	39.2
Apr. 26	1805	42°22.5'	66°57.5'	--	34	33	--	36.7	36.4
Apr. 26	1905	42°20.8'	65° 45'	--	36	35	32.01	37.3	37.4
Apr. 26	2005	42°19.3'	65° 35'	--	37	36	--	36.9	36.7
Apr. 26	2100	42°14.3'	65°29.6'	--	38	37	32.19	38.3	38.1
Apr. 26	2200	42°04.3'	65° 29'	--	40	39	--	38.7	38.6
Apr. 26	2300	41°55.5'	65° 29'	--	42	41	32.59	38.7	39.3
Apr. 27	0000	41°46.5'	65°30.4'	--	43	42	--	38.4	38.5
Apr. 27	0110	41° 47'	65° 44'	--	45	45	32.56	39.7	39.5
Apr. 27	0205	41°47.5'	65°56.8'	--	47	46	--	39.3	39.2
Apr. 27	0305	41°45.7'	66°08.3'	--	48	48	32.52	40.2	40.4
Apr. 27	0405	41°44.6'	66°19.9'	--	50	49	--	40.1	40.1
Apr. 27	0505	41°43.2'	66°33.6'	--	52	51	32.58	40.6	40.6
Apr. 27	0705	41°42.3'	66° 48'	--	53	53	--	41.3	41.3
Apr. 27	0800	41°44.4'	67° 02'	--	55	55	32.77	41.7	41.4
Apr. 27	0905	41°47.2'	67°15.2'	--	57	57	--	41.8	41.9
Apr. 27	1000	41°40.5'	67° 10'	--	58	58	32.66	41.4	41.3
Apr. 27	1100	41° 35'	67° 00'	--	60	60	--	41.1	39.9
Apr. 27	1205	41°26.8'	66°53.9'	18	60	61	32.62	41.0	39.8
Apr. 27	1405	41° 12'	66°44.7'	--	64	66	--	40.2	40.0
Apr. 27	1505	41°03.3'	66°41.1'	--	66	67	32.36	39.7	39.2
Apr. 27	1605	40°52.4'	66°37.8'	--	68	69	--	44.0	44.1
Apr. 27	1705	40°44.5'	66° 30'	--	69	71	33.41	45.7	45.7
Apr. 27	1805	40°44.8'	66°43.6'	--	72	73	--	46.8	47.0
Apr. 27	1905	40°43.7'	66°56.2'	--	73	74	32.36	39.7	39.8
Apr. 27	2000	40°43.8'	67°09.5'	--	75	76	--	40.8	41.1
Apr. 27	2100	40° 45'	67° 24'	--	77	78	32.37	40.7	40.1
Apr. 27	2200	40° 46'	67°37.7'	--	79	79	--	40.8	41.6
Apr. 27	2300	40°45.3'	67°50.6'	--	80	81	32.54	40.9	41.2
Apr. 28	0005	40°44.5'	68°05.8'	19	83	82	--	40.6	40.5
Apr. 28	0200	40°43.4'	68°27.5'	--	85	85	32.62	41.5	41.5
Apr. 28	0310	40° 42'	68°40.2'	--	87	87	--	41.8	41.8
Apr. 28	0405	40°41.1'	68°53.7'	--	88	88	32.73	41.5	41.4
Apr. 28	0505	40°40.8'	69°07.5'	--	90	90	--	40.9	40.9
Apr. 28	0605	40°42.3'	69° 21'	--	92	91	32.48	40.3	41.2
Apr. 28	0705	40° 45'	69°35.9'	--	93	93	--	41.9	41.8
Apr. 28	0800	40°45.8'	69°48.9'	--	95	94	32.26	42.3	42.4
Apr. 28	0900	40°47.9'	70° 02'	--	96	96	--	42.5	41.9
Apr. 28	1000	40°54.2'	70° 13'	--	98	98	32.31	42.4	42.4
Apr. 28	1100	40°59.5'	70°23.5'	--	99	99	--	41.9	41.8
Apr. 28	1200	41°04.4'	70°34.7'	20	100	100	32.44	42.5	42.4
Apr. 28	1300	41° 08'	70° 42'	--	--	--	--	43.5	43.1
Apr. 28	1400	41°11.3'	70°49.4'	--	--	--	32.25	42.5	42.3

Table 5. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 75, May 16-29, 1956

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
					loading 1	loading 1	‰	°F.	
May 16	1200	41°17.3'	71° 00'	--	1	1	32.19	47.1	47.1
May 16	1300	41°07.8'	71° 01'	--	2	2	--	47.1	46.6
May 16	1400	41°01.2'	70°57.6'	--	4	3	32.31	47.0	46.2
May 16	1500	40°51.2'	70°57.2'	--	5	5	--	47.2	46.5
May 16	1600	40°39.7'	70°56.8'	--	7	7	32.64	47.6	46.0
May 16	1705	40°29.7'	70°57.2'	--	9	9	--	46.3	44.3
May 16	1805	40°20.5'	70°58.6'	--	11	11	32.47	45.1	44.6
May 16	1905	40°09.1'	70°58.6'	--	13	13	--	46.6	44.8
May 16	2005	40°00.5'	71° 00'	--	14	14	32.57	44.1	43.8
May 16	2100	40°00.6'	70° 49'	--	16	16	--	45.7	45.3
May 16	2200	40° 00'	70° 37'	--	17	17	32.91	45.9	45.8
May 16	2300	40°00.8'	70° 26'	--	19	19	--	45.3	44.8
May 16	2400	40°00.3'	70°11.8'	1	22	22	32.52	44.6	44.1
May 17	0200	39°57.8'	69°52.5'	--	24	24	--	46.6	48.4
May 17	0300	39°57.8'	69° 41'	--	26	25	33.74	49.4	53.8
May 17	0405	39°59.3'	69°28.4'	--	27	27	--	54.7	55.3
May 17	0505	40°00.9'	69°17.5'	--	29	29	35.31	58.5	58.5
May 17	0605	40°00.4'	69°05.5'	--	31	30	--	60.5	60.8
May 17	0705	40°00.5'	68°52.5'	--	32	32	35.64	63.0	63.1
May 17	0800	40°00.5'	68° 40'	--	34	34	--	67.9	68.6
May 17	0900	40°00.7'	68°28.2'	--	36	35	36.42	69.2	69.2
May 17	1000	40° 01'	68°17.2'	--	37	36	--	69.4	68.2
May 17	1100	40°01.2'	68°04.5'	--	39	39	35.26	61.4	61.7
May 17	1208	40°06.2'	67°55.8'	2	42	40	--	59.9	59.9
May 17	1403	40°20.5'	67° 53'	--	44	44	35.74	64.0	65.5
May 17	1503	40°28.4'	67°48.3'	--	26	45	--	66.6	66.7
May 17	1605	40°37.8'	67° 38'	--	48	47	32.51	44.7	43.9
May 17	1705	40°47.3'	67°30.3'	--	50	49	--	44.7	43.2
May 17	1807	40° 56'	67° 23'	--	52	51	32.53	43.9	43.2
May 17	1907	41° 06'	67° 14'	--	54	53	--	43.5	41.8
May 17	2000	41°15.7'	67°06.8'	--	56	55	32.88	43.5	42.4
May 17	2100	41° 22'	66° 58'	--	57	56	--	43.8	42.7
May 17	2200	41° 27'	66° 52'	--	59	57	32.78	43.7	43.4
May 17	2300	41°34.7'	66°44.3'	--	60	59	--	42.7	42.7
May 18	0010	41°43.5'	66°39.2'	3	65	60	32.66	42.6	42.4
May 18	0205	41° 57'	66° 30'	--	67	64	--	42.3	42.3
May 18	0305	42° 07'	66°25.6'	--	69	66	32.49	43.0	42.9
May 18	0405	42° 15'	66° 20'	--	70	68	--	41.7	41.7
May 18	0505	42°24.2'	66°13.2'	--	72	69	32.17	41.1	41.1
May 18	0605	42°32.3'	66°07.1'	--	73	71	--	40.3	39.9
May 18	0707	42°42.4'	66°01.4'	--	75	73	32.36	39.5	39.3
May 18	0805	42° 52'	65°54.5'	--	77	75	--	38.9	38.9
May 18	0900	43°01.5'	65° 46'	--	79	77	31.89	39.9	39.6
May 18	1000	43°10.5'	65° 43'	--	81	79	--	38.5	38.0
May 18	1100	43°15.4'	65°45.6'	--	82	81	31.90	38.6	--
					loading 2	loading 2			
May 18	1208	43°15.2'	66°01.5'	4	1	1	--	39.9	--
May 18	1400	43°14.3'	66° 19'	--	3	3	32.06	39.4	39.4
May 18	1508	43°15.4'	66°35.8'	--	5	5	--	40.0	40.0
May 18	1610	43°17.8'	66°50.5'	--	7	7	32.25	41.6	41.6

Table 5. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 75, May 16-29, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
May 18	1705	43°16.7'	67°03.3'	--	8	9	--	39.4	39.3
May 18	1805	43°16.5'	67°17.3'	--	10	10	32.20	41.2	41.1
May 18	1905	43° 22'	67°23.7'	--	11	11	--	41.5	41.4
May 18	2000	43°30.8'	67°22.1'	--	13	13	32.13	41.1	41.1
May 18	2100	43°41.2'	67°21.3'	--	15	15	--	41.0	40.8
May 18	2200	43°45.2'	67°15.5'	--	16	16	32.35	41.0	41.0
May 18	2300	43°44.2'	67°00.5'	--	17	17	--	41.4	41.3
May 19	0005	43°43.7'	66°45.6'	5	19	19	32.43	41.1	41.1
May 19	0208	43° 45'	66°25.7'	--	24	24	--	39.8	39.7
May 19	0300	43°55.5'	66°26.2'	--	27	26	31.93	39.5	39.4
May 19	0410	44° 04'	66° 33'	--	29	29	--	40.2	40.3
May 19	0510	44° 11'	66°46.5'	--	31	31	32.30	40.4	40.4
May 19	0605	44° 16'	66°58.5'	--	33	33	--	39.8	39.8
May 19	0710	44°18.7'	67°11.5'	--	35	35	32.15	40.1	40.1
May 19	0805	44°21.5'	67° 16'	--	35	35	--	39.8	39.8
May 19	0900	44°22.5'	67°05.3'	--	36	37	32.08	39.4	38.7
May 19	1000	44°25.4'	66° 53'	--	38	39	--	39.6	39.1
May 19	1100	44°27.3'	66° 43'	--	39	40	31.43	39.9	38.3
May 19	1208	44°29.5'	66°32.5'	6	41	41	--	40.8	39.9
May 19	1410	44°30.5'	66°11.5'	--	44	44	32.09	41.3	40.9
May 19	1505	44°41.5'	65°53.8'	--	47	47	--	40.4	39.8
May 19	1605	44° 49'	65°40.3'	--	49	49	31.48	40.2	39.9
May 19	1705	44°57.2'	65°26.3'	--	51	51	--	40.0	40.0
May 19	1800	45°04.2'	65°15.2'	--	53	53	31.41	40.4	40.2
May 19	1905	45°04.4'	65° 27'	--	55	55	--	39.5	39.2
May 19	2000	45°04.7'	65°40.4'	--	56	56	29.61	41.7	41.6
May 19	2100	45°04.5'	65° 53'	--	57	57	--	41.6	41.2
May 19	2200	45°03.8'	66°06.5'	--	59	59	36.95	41.8	39.8
May 19	2300	44°58.2'	66° 20'	--	60	61	--	40.7	40.6
May 20	0015	44° 48'	66° 27'	--	62	63	30.26	40.7	40.1
May 20	0105	44°38.7'	66°27.3'	--	63	64	--	41.2	39.7
May 20	0205	44° 33'	66°31.5'	--	64	65	31.26	39.7	39.5
May 20	0305	44°22.5'	66°27.5'	--	65	67	--	40.3	40.2
May 20	0410	44°18.8'	66°33.2'	--	67	68	32.30	40.8	40.6
May 20	0505	44°16.5'	66° 43'	--	68	69	--	40.6	39.5
May 20	0605	44° 14'	66° 53'	--	69	71	32.20	41.2	41.1
May 20	0705	44° 12'	67° 05'	--	70	72	--	40.9	40.7
May 20	0800	44°09.5'	67°16.5'	--	72	73	32.16	41.1	41.0
May 20	0900	44°05.5'	67°29.5'	--	73	75	--	41.5	41.2
May 20	1000	44° 00'	67° 42'	--	74	76	32.06	40.6	40.4
May 20	1100	43°55.7'	67° 55'	--	76	77	--	40.5	39.4
May 20	1207	43°52.1'	68°08.8'	7	78	79	31.92	40.8	40.7
May 20	1405	43°46.5'	68°31.7'	--	80	81	--	42.6	41.8
May 20	1505	43°44.4'	68°44.5'	--	82	83	31.50	45.2	42.0
May 20	1605	43°40.4'	68°57.3'	--	83	84	--	42.9	40.9
May 20	1705	43°39.3'	69°12.3'	--	85	86	31.64	43.6	42.3
May 20	1805	43°38.3'	69° 30'	--	87	88	--	44.6	42.9
May 20	1905	43° 37'	69°40.5'	--	88	89	29.64	46.2	44.0
May 20	2000	43°34.7'	69° 53'	--	89	90	--	45.2	43.6
May 20	2100	43°28.1'	70°03.7'	--	91	92	30.78	45.3	44.1

Table 5. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 75, May 16-29, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
May 20	2200	43°19.5'	70°12.5'	--	93	94	--	45.8	45.0
May 20	2300	43°11.5'	70°20.5'	--	94	95	30.85	46.2	45.3
					loading 3	loading 3			
May 21	0005	43°02.8'	70° 27'	8	1	1	--	44.6	42.9
May 21	0200	42°57.8'	70°20.7'	--	2	3	30.79	45.4	44.4
May 21	0300	42°57.4'	70° 10'	--	4	4	--	45.4	45.1
May 21	0410	42°56.0'	69° 54'	--	6	6	30.98	45.8	45.4
May 21	0505	42°55.8'	69° 42'	--	7	8	--	45.2	44.1
May 21	0605	42°55.1'	69°27.8'	--	9	10	32.67	43.5	43.1
May 21	0705	42°54.3'	69°11.7'	--	11	12	--	43.6	42.9
May 21	0805	42°53.4'	68°55.7'	--	13	14	32.20	42.8	41.7
May 21	0900	42°52.1'	68° 44'	--	14	16	--	43.3	42.3
May 21	1005	42°51.9'	68°29.8'	--	16	18	32.11	43.4	41.9
May 21	1100	42°50.3'	68°19.3'	--	17	19	--	44.4	43.8
May 21	1203	42°50.1'	68° 02'	9	19	21	32.06	43.7	42.6
May 21	1408	42°47.8'	67°38.5'	--	24	25	--	44.3	43.0
May 21	1505	42° 48'	67° 25'	--	26	27	32.26	44.5	42.9
May 21	1610	42°48.6'	67° 13'	--	27	28	--	44.0	41.9
May 21	1700	42°46.5'	67° 00'	--	29	30	32.22	43.1	41.4
May 21	1805	42°45.4'	66° 47'	--	30	32	--	41.5	40.4
May 21	1900	42°45.3'	66° 36'	--	31	33	32.05	41.0	40.3
May 21	2000	42°45.3'	66° 24'	--	33	34	--	42.3	41.3
May 21	2100	42°42.9'	66°08.3'	--	35	36	32.24	40.3	39.5
May 21	2200	42°42.4'	65°55.3'	--	36	38	--	41.5	40.5
May 21	2300	42° 40'	65°38.3'	--	38	40	31.75	40.6	39.3
May 22	0005	42° 38'	65° 22'	10	40	42	--	40.3	39.9
May 22	0200	42°38.5'	65°03.5'	--	44	45	31.56	39.8	39.0
May 22	0300	42° 47'	65°03.4'	--	46	47	--	40.5	39.7
May 22	0405	42° 59'	65°03.3'	--	48	49	31.94	40.0	40.2
May 22	0505	42°59.2'	65° 18'	--	49	51	--	40.9	40.0
May 22	0605	43° 00'	65° 33'	--	51	53	31.76	39.9	39.2
May 22	0705	43°00.2'	65°48.2'	--	53	54	--	39.5	39.5
May 22	0810	43°02.1'	66°03.5'	--	54	56	32.23	39.6	39.4
May 22	0900	43° 03'	66°17.5'	--	56	58	--	40.2	39.4
May 22	1000	43° 04'	66° 30'	--	57	59	32.09	40.7	39.9
May 22	1100	43°05.7'	66°44.5'	--	59	61	--	41.1	39.8
May 22	1207	43°04.3'	66° 51'	11	59	62	32.29	42.2	41.3
May 22	1400	42°50.7'	66°57.7'	--	64	66	--	43.2	43.0
May 22	1502	42°38.6'	66°57.2'	--	66	68	32.22	43.0	42.9
May 22	1605	42°27.5'	66°56.8'	--	67	69	--	42.4	42.2
May 22	1700	42°20.9'	67° 00'	--	69	70	32.20	43.1	42.9
May 22	1805	42°21.8'	66°45.7'	--	70	72	--	43.0	42.9
May 22	1910	42°20.5'	66° 32'	--	72	73	32.14	43.0	42.8
May 22	2000	42° 19'	66° 18'	--	73	75	--	42.9	42.8
May 22	2100	42°17.5'	66° 05'	--	75	76	32.17	42.7	42.5
May 22	2200	42°16.5'	65° 49'	--	76	78	--	43.4	42.7
May 22	2300	42°16.3'	65°34.5'	--	78	79	31.61	39.2	37.9
May 23	0005	42°15.4'	65°15.3'	12	80	81	--	39.6	39.5
					loading 4	loading 4			
May 23	0207	42° 12'	65°02.7'	--	2	3	31.44	40.0	38.8
May 23	0305	42°03.2'	65°03.8'	--	4	5	--	41.7	41.3

Table 5. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 75, May 16-29, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
May 23	0400	42° 00'	65° 12'	--	6	7	31.20	41.4	41.5
May 23	0530	43°03.1'	65° 32'	--	9	9	--	43.1	43.0
May 23	0605	42°03.5'	65° 39'	--	10	10	32.34	42.7	41.7
May 23	0705	42°04.2'	65°52.5'	--	12	12	--	43.5	43.4
May 23	0800	42°05.2'	66° 07'	--	14	14	32.94	43.0	43.0
May 23	0900	42°06.8'	66° 20'	--	15	15	--	43.2	42.8
May 23	1000	42° 08'	66° 35'	--	17	17	32.71	42.7	42.5
May 23	1100	42° 09'	66° 47'	--	19	19	--	42.8	42.5
May 23	1205	42°10.4'	67° 02'	13	23	23	32.59	43.4	43.3
May 23	1357	42°08.3'	67°17.8'	--	25	25	--	43.9	--
May 23	1505	42°06.5'	67°31.1'	--	27	27	32.55	44.2	--
May 23	1600	42°05.2'	67° 43'	--	28	28	--	44.8	43.5
May 23	1705	42°03.8'	67° 56'	--	30	30	32.47	44.9	44.7
May 23	1805	42°03.8'	68°07.5'	--	32	32	--	44.6	44.5
May 23	1905	42°03.9'	68°21.8'	--	34	34	32.48	44.5	44.2
May 23	2000	42°04.7'	68°34.8'	--	36	36	--	44.4	44.2
May 23	2100	42°03.8'	68°45.2'	--	38	37	32.36	43.9	43.8
May 23	2200	42°03.7'	68° 56'	--	39	39	--	44.6	44.4
May 23	2305	42°03.6'	69°12.3'	--	41	41	32.41	45.0	44.9
May 24	0005	42°03.5'	69°26.2'	--	43	43	--	45.4	45.4
May 24	0105	42°07.7'	69°32.9'	--	45	44	32.21	44.6	44.6
May 24	0205	42° 13'	69°32.5'	--	46	45	--	44.9	44.9
May 24	0305	42°19.5'	69°32.1'	--	47	46	31.93	45.1	45.1
May 24	0405	42°28.2'	69° 31'	--	49	48	--	45.7	45.6
May 24	0505	42°38.2'	69°31.5'	--	50	50	31.69	45.5	45.4
May 24	0605	42°38.2'	69°44.2'	--	53	52	--	45.4	45.4
May 24	0705	42°36.7'	69°56.2'	--	55	54	31.64	46.1	46.1
May 24	0805	42°35.5'	70° 08'	--	56	56	--	46.1	46.1
May 24	0910	42°34.2'	70°20.8'	--	58	57	31.38	44.3	44.2
May 24	1005	42°34.2'	70° 32'	--	59	58	--	40.7	40.1
May 24	1100	42° 28'	70°36.5'	--	62	61	31.40	45.3	44.8
May 24	1205	42°17.6'	70°33.8'	14	65	65	--	45.6	44.5
May 24	1400	42° 08'	70° 21'	--	67	67	31.77	44.8	--
May 24	1500	42° 07'	70° 08'	--	69	68	--	45.8	--
May 24	1600	42° 04'	69° 54'	--	71	70	31.82	45.4	--
May 24	1700	41°52.5'	69° 52'	--	73	71	--	44.7	--
May 24	1803	41°41.6'	69°49.8'	--	75	73	31.96	45.3	44.8
May 24	1900	41°32.5'	69° 45'	--	77	75	--	43.1	43.1
May 24	2000	41° 32'	69° 36'	--	78	76	32.26	44.1	44.0
May 24	2100	41°33.8'	69°24.7'	--	80	77	--	44.1	44.1
May 24	2200	41°35.8'	69°12.2'	--	81	79	32.28	44.5	44.5
May 24	2300	41°37.2'	69°00.2'	--	83	80	--	44.5	44.5
May 25	0005	41° 35'	68°45.4'	15	85 loading 5	82 loading 5	32.48	43.1	43.2
May 25	0200	41°31.6'	68°29.6'	--	3	3	--	44.7	44.6
May 25	0307	41°26.5'	68° 12'	--	5	5	32.74	45.9	46.1
May 25	0414	41°26'	67°59.5'	--	7	7	--	45.8	46.0
May 25	0500	41°26.2'	67° 45'	--	9	9	32.87	45.7	45.8
May 25	0610	41°26.3'	67°33.2'	--	11	10	--	45.5	45.6
May 25	0700	41° 27'	67° 20'	--	12	12	32.69	45.2	44.9

Table 5. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 75, May 16-29, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
May 25	0810	41°29.8'	67°10.5'	--	14	14	--	44.5	44.4
May 25	0900	41°31.5'	66°57.5'	--	16	16	32.79	44.1	43.8
May 25	1000	41°32.5'	66° 47'	--	17	17	--	43.6	43.3
May 25	1100	41°31.6'	66° 32'	--	19	19	32.18	43.3	42.0
May 25	1205	41°31.6'	66°18.7'	16	21	21	--	41.6	40.2
May 25	1405	41°31.2'	65°56'	--	26	25	31.92	44.4	44.3
May 25	1505	41°26.5'	65°49.5'	--	27	27	--	44.2	43.4
May 25	1605	41°18.3'	65°57.7'	--	29	29	31.99	44.0	42.7
May 25	1705	41° 12'	66° 06'	--	31	30	--	42.9	42.1
May 25	1800	41° 06'	66° 15'	--	32	32	32.11	43.1	41.8
May 25	1905	41° 04'	66°28.1'	--	34	34	--	43.6	41.9
May 25	2000	41° 04'	66° 42'	--	36	35	32.22	44.3	42.1
May 25	2100	41°04.3'	66°56.8'	--	38	37	--	44.7	43.8
May 25	2200	41° 05'	67°09.5'	--	40	39	32.62	44.5	43.0
May 25	2300	41°06.8'	67°25.5'	--	43	41	--	45.6	44.6
May 26	0005	41°07.2'	67° 40'	17	44	44	32.74	45.6	45.3
May 26	0205	41°06.5'	68° 00'	--	47	47	--	45.1	45.2
May 26	0305	41° 04'	68°13.5'	--	50	49	32.67	45.6	45.8
May 26	0410	41°02.2'	68°29.5'	--	52	51	--	45.1	45.1
May 26	0500	41°00.5'	68° 38'	--	53	52	32.73	44.7	44.7
May 26	0605	40°59.5'	68°50.5'	--	55	54	--	43.4	43.4
May 26	0708	40° 59'	69° 06'	--	57	57	32.60	43.4	43.4
May 26	0800	40° 55'	69°12.8'	--	59	58	--	43.3	43.0
May 26	0900	40°47.2'	69°14.8'	--	61	60	32.42	43.7	43.6
May 26	1000	40° 41'	69° 10'	--	63	61	--	45.3	44.7
May 26	1100	40°42.8'	68°57.7'	--	65	63	32.54	46.9	46.3
May 26	1205	40°43.3'	68°45.3'	18	68	65	--	45.0	45.0
May 26	1410	40°42.5'	68° 23'	--	71	69	32.54	48.4	45.8
May 26	1505	40° 42'	68° 09'	--	73	71	--	49.1	47.2
May 26	1605	40°40.6'	67°55.3'	--	75	73	32.54	48.6	46.4
May 26	1700	40°27.5'	67°39.5'	--	77	75	--	48.9	46.9
May 26	1805	40°37.2'	67°29.3'	--	78	76	32.58	49.1	44.2
May 26	1900	40°37.5'	67° 15'	--	80	78	--	58.4	54.5
May 26	2000	40°38.3'	67°03.5'	--	82	80	34.35	68.4	67.8
May 26	2100	40°38.5'	66°49.5'	--	84	81	--	69.2	69.5
May 26	2200	40° 32'	66°46.6'	--	85	82	35.70	69.2	69.8
May 26	2300	40° 21'	66°46.7'	--	86	83	--	68.0	68.3
May 27	0005	40° 10'	66°45.8'	--	88	87	--	64.8	--
May 27	0105	40°05.5'	66°45.7'	19	90	89	35.67	69.1	69.0
May 27	0205	40° 05'	66° 50'	--	92	90	--	67.4	67.6
May 27	0305	40°11.7'	66°59.5'	--	94	92	35.49	66.4	66.5
May 27	0405	40°16.5'	67°12.5'	--	96	93	--	66.0	66.2
May 27	0505	40°20.7'	67°24.7'	--	97	95	35.96	68.0	68.1
May 27	0600	40° 27'	67° 33'	--	98	96	--	60.3	60.4
May 27	0705	40° 33'	67° 46'	--	100	98	33.93	52.9	52.4
May 27	0810	40°37.2'	68°01.8'	20	102 loading 6	99 loading 6	--	44.9	--
May 27	1000	40°28.5'	68°05.5'	--	99	2	33.14	48.8	48.7
May 27	1100	40° 23'	68° 08'	--	98	3	--	64.4	63.9
May 27	1210	40°15.5'	68°13.5'	--	96	5	34.06	62.2	62.0

Table 5. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 75, May 16-29, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
May 27	1300	40° 09'	68°16.7'	--	95	6	--	63.3	63.2
May 27	1405	40° 17'	68°28.8'	--	92	8	32.74	46.8	46.2
May 27	1502	40° 22'	68°38.5'	--	90	10	--	48.2	48.1
May 27	1605	40°25.5'	68°50.3'	--	88	11	32.58	46.1	46.1
May 27	1700	40°28.5'	68°58.5'	--	87	13	--	46.1	45.8
May 27	1805	40°20.2'	69°03.7'	--	85	14	32.59	47.9	47.9
May 27	1900	40° 14'	69°06.5'	--	83	16	--	46.9	46.8
May 27	2000	40°08.5'	69° 12'	--	82	17	--	51.7	52.2
May 28	0900	40° 21'	70°21.2'	--	67	29	32.60	48.4	48.2
May 28	1000	40° 15'	70° 24'	--	66	30	--	48.8	48.5
May 28	1100	40° 07'	70°25.4'	--	65	32	32.58	47.8	--
May 28	1205	39° 57'	70° 26'	--	63	34	--	61.4	--
May 28	1310	39°46.5'	70°27.8'	--	62	36	34.88	57.4	57.4
May 28	1405	39°47.7'	70°40.7'	--	60	38	--	56.5	56.3
May 28	1505	39°49.5'	70°53.5'	--	59	40	35.62	61.6	61.2
May 28	1600	39° 54'	71° 04'	--	57	42	--	60.0	59.9
May 28	1705	40°03.5'	71°11.7'	--	55	44	32.68	49.4	49.5
May 28	1800	40°11.5'	71° 18'	--	53	46	--	51.1	48.6
May 28	1905	40° 18'	71°25.5'	--	52	47	32.09	51.2	49.3
May 28	2000	40°27.5'	71°33.5'	--	50	50	--	51.5	49.6
May 28	2100	40° 23'	71°39.5'	--	48	52	31.17	51.4	51.2
May 28	2200	40°13.5'	71°47.6'	--	46	54	--	51.1	50.0
May 28	2300	40°06.5'	71° 56'	--	45	56	31.54	51.2	50.0
May 29	0005	40°08.5'	72° 00'	21	44	57	--	51.7	52.2
May 29	0200	40°17.8'	71°59.5'	--	41	60	31.14	51.4	51.4
May 29	0305	40°30.5'	72°02.3'	--	39	62	--	51.4	51.4
May 29	0405	40°40.5'	72°03.4'	--	37	64	30.68	50.6	50.6
May 29	0505	40°48.2'	71° 59'	--	35	67	--	50.2	50.3
May 29	0600	40° 53'	71° 47'	--	33	69	30.60	48.0	47.9
May 29	0705	40° 59'	71°37.3'	--	31	71	--	47.6	47.5
May 29	0800	41° 04'	71° 27'	--	30	73	31.37	48.4	48.0
May 29	0900	40° 10'	71° 16'	--	28	75	--	48.5	48.6
May 29	1020	41°17.5'	71° 00'	22	26	77	31.91	50.3	50.0

Table 6.--Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 76, June 11-24, 1956

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
					loading 1	loading 1	‰	°F.	
June 11	1430	41°17.5'	71° 00'	--	1	1	32.09	56.0	53.6
June 11	1600	41°04.5'	71° 01'	--	3	3	--	56.6	54.6
June 11	1700	40°54.7'	71° 01'	--	5	4	31.58	57.9	55.3
June 11	1800	40°45.8'	70°01.2'	--	6	6	--	56.6	54.8
June 11	1905	40° 35'	71°00.8'	--	8	8	33.24	55.8	53.5
June 11	2007	40°24.3'	71°00.7'	--	10	10	--	55.2	54.3
June 11	2105	40°16.4'	71° 01'	--	11	11	34.10	59.8	59.1
June 11	2205	40°06.3'	71° 00'	--	13	12	--	59.6	58.6
June 11	2305	40° 01'	70° 54'	--	14	14	34.70	61.4	--
June 12	0000	39°59.5'	70°37.5'	1	16	15	--	59.1	59.3
June 12	0210	40°00.7'	70°18.1'	--	20	19	34.91	62.3	62.5
June 12	0305	40° 00'	70°05.5'	--	22	21	--	59.0	55.6
June 12	0405	39°59.8'	69°53.2'	--	23	23	32.64	54.4	60.6
June 12	0505	39°57.8'	69° 36'	--	25	25	--	54.2	52.2
June 12	0605	39°58.2'	69° 24'	--	27	26	33.09	55.9	60.3
June 12	0705	39°58.5'	69° 11'	--	28	28	--	56.1	56.7
June 12	0805	39°58.5'	68°57.6'	--	30	30	32.48	54.5	54.4
June 12	0905	39°58.5'	68° 45'	--	31	32	--	57.4	61.4
June 12	1005	40° 00'	68° 34'	--	33	33	32.64	53.9	53.7
June 12	1105	40°00.5'	68°20.5'	--	34	35	--	54.1	53.9
June 12	1205	40° 01'	68° 08'	2	37	36	34.93	62.3	62.7
June 12	1405	40°10.5'	67° 55'	--	39	40	--	64.2	63.8
June 12	1505	40°19.5'	67°49.5'	--	41	42	34.02	59.5	60.3
June 12	1605	40°27.5'	67°43.2'	--	43	44	--	59.8	58.5
June 12	1705	40°35.1'	67°37.5'	--	44	45	32.55	51.5	55.6
June 12	1805	40° 47'	67°31.5'	--	47	48	--	51.2	48.2
June 12	1905	40°52.3'	67° 25'	--	48	49	32.96	50.7	47.5
June 12	2005	41° 01'	67°18.5'	--	50	50	--	50.7	47.5
June 12	2100	41°07.3'	67° 15'	--	51	52	32.84	47.6	46.8
June 12	2205	41°17.4'	67°09.5'	--	53	54	--	47.5	47.3
June 12	2305	41°27.9'	67° 04'	--	55	56	32.66	46.8	46.7
June 13	0005	41°36.5'	66°58.5'	3	58	58	--	46.5	46.2
June 13	0205	41°50.2'	66° 44'	--	60	60	--	45.5	45.4
June 13	0305	42°00.2'	66°34.5'	--	62	62	--	44.7	44.6
June 13	0405	42° 11'	66° 26'	--	64	64	32.34	45.0	44.8
June 13	0505	42°17.9'	66°13.5'	--	66	66	--	46.6	46.6
June 13	0605	42° 26'	66°08.2'	--	68	68	32.30	46.9	46.9
June 13	0705	42°34.1'	66° 02'	--	69	69	--	44.6	44.8
June 13	0805	42°40.5'	65°58.5'	--	71	71	33.07	43.6	43.5
June 13	0905	42° 51'	65° 58'	--	73	73	--	43.3	44.0
June 13	1000	43° 01'	65° 58'	--	75	75	32.43	42.4	41.6
June 13	1100	43° 10'	65° 54'	--	76	76	--	41.9	41.0
June 13	1205	43°11.8'	66°09.5'	4	79	79	32.36	42.4	41.4
June 13	1405	43° 11'	66°34.7'	--	82	82	--	44.1	42.5
June 13	1505	43°11.5'	66° 49'	--	83	83	32.42	46.5	45.4
June 13	1605	43° 11'	67° 00'	--	84	84	--	48.0	45.9
June 13	1705	43° 14'	66°49.5'	--	85	85	32.86	47.1	46.7
June 13	1805	43°21.3'	66° 39'	--	86	87	--	46.5	45.8
June 13	1905	43°26.3'	66°28.4'	--	88	89	32.47	46.1	43.7
June 13	2005	43° 23'	66°16.8'	--	90	92	--	45.4	41.9

Table 6. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
June 13	2110	43° 25'	66°29.4'	--	92	93	32.56	46.0	43.3
June 13	2205	43° 35'	66° 43'	--	93	95	--	46.0	44.4
June 13	2305	43° 35'	66° 56'	5	95	96	32.48	47.2	45.6
June 14	0005	43°39.3'	66°59.5'	--	loading 2 1	97	--	44.9	44.7
June 14	0210	43°48.5'	66° 48'	--	2	loading 2 99	32.74	46.6	45.1
June 14	0305	43°55.9'	66° 42'	--	4	97	--	43.7	42.6
June 14	0405	44°04.9'	66°34.3'	--	6	95	32.87	45.2	43.9
June 14	0505	44° 17'	66° 30'	--	9	92	--	43.3	43.1
June 14	0605	44°22.5'	66° 40'	--	11	90	32.17	42.9	43.0
June 14	0705	44°28.5'	66°39.5'	--	11	89	--	43.2	43.0
June 14	0805	44° 32'	66°31.5'	--	13	88	30.93	47.1	42.6
June 14	0905	44°34.5'	66° 21'	--	14	87	--	47.7	45.1
June 14	1005	44°37.5'	66° 09'	--	16	85	32.17	45.6	42.9
June 14	1105	44°44.5'	65°58.8'	--	18	83	--	45.3	42.7
June 14	1205	44°50.5'	65°44.5'	6	20	81	32.19	47.8	46.9
June 14	1405	45°02.5'	65°19.3'	--	25	76	--	46.5	45.4
June 14	1505	45°03.5'	65°29.5'	--	26	75	31.74	43.6	42.1
June 14	1605	45° 03'	65°40.8'	--	27	74	--	44.5	41.1
June 14	1705	45°02.5'	65° 52'	--	29	72	30.86	48.9	43.2
June 14	1805	45° 01'	66° 06'	--	30	71	--	48.5	42.4
June 14	1905	44°59.7'	66° 20'	--	32	69	30.19	45.8	42.0
June 14	2005	44° 56'	66° 32'	--	33	68	--	44.6	43.5
June 14	2105	44°47.2'	66°24.5'	--	34	67	31.61	46.8	46.3
June 14	2205	44°37.2'	66°17.3'	--	36	65	--	46.5	46.4
June 14	2310	44°29.5'	66° 18'	--	38	62	31.67	45.7	45.1
June 15	0005	44°25.5'	66° 27'	7	41	60	--	44.1	43.3
June 15	0205	44° 19'	66°44.5'	--	43	57	32.24	46.7	46.5
June 15	0305	44° 15'	66° 55'	--	45	56	--	45.1	45.1
June 15	0405	44° 10'	67° 08'	--	47	54	32.44	45.0	44.8
June 15	0505	44° 04'	67°19.3'	--	49	52	--	49.1	48.0
June 15	0605	44° 00'	67°31.5'	--	51	51	32.08	49.3	46.8
June 15	0705	43° 54'	67°44.1'	--	52	49	--	50.0	48.7
June 15	0810	43° 51'	67° 56'	--	54	47	32.11	49.5	48.3
June 15	0910	43°51.2'	68°11.5'	--	56	46	--	46.5	43.9
June 15	1005	43° 51'	68° 25'	--	58	44	31.86	48.3	43.1
June 15	1105	43°47.2'	68°37.8'	--	59	42	--	48.4	45.1
June 15	1205	43°43.7'	68°49.2'	8	61	41	31.88	47.8	46.0
June 15	1405	43°39.9'	69° 13'	--	64	38	--	50.4	47.3
June 15	1505	43°39.5'	69°24.2'	--	65	36	31.77	53.8	44.9
June 15	1605	43° 39'	69°38.2'	--	66	34	--	54.0	48.9
June 15	1705	43°32.5'	69° 29'	--	68	33	31.26	54.8	50.9
June 15	1805	43° 26'	69°21.8'	--	69	30	--	53.5	53.0
June 15	1905	43° 20'	69° 24'	--	71	29	31.34	55.1	54.1
June 15	2005	43°18.2'	69°34.5'	--	72	27	--	54.7	52.1
June 15	2105	43°13.6'	69°45.5'	--	73	26	31.10	59.6	56.1
June 15	2205	43°09.8'	69° 59'	--	75	24	--	54.2	53.0
June 15	2310	43°05.5'	70°07.5'	9	76	23	30.01	59.2	48.5

Table 6. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
June 16	0010	43° 06'	70°02.5'	--	76	23	--	54.7	44.7
June 16	0205	43°22.2'	69°39.5'	--	80	20	31.68	53.7	50.6
June 16	0305	43°00.2'	69°25.5'	--	81	18	--	52.5	51.1
June 16	0405	43° 00'	69°14.5'	--	82	17	32.10	52.4	51.4
June 16	0505	42° 58'	69° 00'	--	84	15	--	50.1	49.7
June 16	0605	42° 58'	68° 47'	--	86	13	31.77	52.1	51.4
June 16	0705	42°57.5'	68° 35'	--	87	12	--	52.0	51.6
June 16	0810	42°55.5'	68° 20'	--	89	10	36.00	50.2	48.1
June 16	0905	42° 55'	68°07.5'	--	90	9	--	51.8	49.8
June 16	1005	42° 53'	67° 54'	--	92	7	31.98	52.2	51.3
June 16	1105	42° 52'	67°41.3'	--	93	6	--	52.0	48.3
June 16	1205	42°49.6'	67°27.2'	10	95	4	31.95	51.4	49.3
					loading 3	loading 3			
June 16	1405	42° 48'	67° 13'	--	2	2	--	52.0	48.7
June 16	1505	42° 48'	66° 59'	--	3	4	32.33	50.5	47.3
June 16	1605	42°47.3'	66° 45'	--	5	5	--	50.8	49.0
June 16	1705	42° 47'	66°32.5'	--	6	7	32.02	47.2	42.2
June 16	1805	42°46.2'	66°19.5'	--	7	8	--	44.3	43.2
June 16	1905	42° 46'	66° 06'	--	9	10	32.52	44.4	42.9
June 16	2005	42°42.8'	65° 51'	--	11	12	--	47.3	43.7
June 16	2105	42° 41'	65°37.9'	--	12	14	31.89	48.4	46.6
June 16	2205	42°37.5'	65°25.5'	--	14	15	--	46.5	45.1
June 16	2305	42°36.5'	65°13'	--	16	17	31.35	48.2	47.0
June 17	0005	42°44.8'	65°11.5'	11	19	21	--	47.4	43.2
June 17	0205	42°48.5'	65° 26'	--	21	22	31.72	46.6	43.6
June 17	0305	42°49.5'	65° 43'	--	22	24	--	46.9	41.9
June 17	0405	42°50.5'	65° 56'	--	23	26	32.48	44.8	42.8
June 17	0505	42° 42'	66° 11'	--	25	28	--	44.8	43.6
June 17	0605	42° 43'	66° 25'	--	26	30	32.28	45.1	44.7
June 17	0705	42° 40'	66°38'	--	27	31	--	50.3	49.0
June 17	0805	42°36.5'	66° 41'	--	28	32	32.19	51.0	49.1
June 17	0905	42° 33'	66° 28'	--	29	34	--	49.5	46.8
June 17	1005	42°29.5'	66° 14'	--	31	35	31.82	49.5	47.3
June 17	1105	42° 27'	66° 00'	12	32	37	--	50.5	48.4
June 17	1210	42°22.8'	65°45.1'	--	33	39	32.10	52.5	47.6
June 17	1410	42° 17'	65° 26'	--	36	43	--	50.8	48.6
June 17	1510	42° 12'	65° 27'	--	38	45	31.37	48.7	44.8
June 17	1605	42° 04'	65° 35'	--	40	47	--	51.0	49.8
June 17	1705	41°51.5'	65°43.5'	--	42	48	32.14	52.1	50.2
June 17	1805	41° 45'	65° 48'	--	44	50	--	49.7	46.1
June 17	1905	41° 38'	65°53.5'	--	45	52	32.00	52.0	49.1
June 17	2005	41°28.5'	65° 57'	--	46	53	--	49.8	47.7
June 17	2105	41°25.5'	66° 10'	--	48	56	32.17	49.5	48.9
June 17	2205	41° 25'	66°21.5'	--	50	57	--	46.7	46.4
June 17	2305	41°24'	66° 33'	--	51	58	32.55	48.2	47.1
June 18	0005	41°24.5'	66° 45'	13	54	60	--	47.7	45.8
June 18	0205	41° 25'	67° 10'	--	56	63	32.66	48.5	48.5
June 18	0305	41°27.5'	67°23.5'	--	58	65	--	49.9	49.8
June 18	0405	41° 28'	67°41.5'	--	60	67	32.58	50.2	50.2
June 18	0505	41° 29'	67° 56'	--	62	69	--	50.9	50.9
June 18	0605	41° 30'	68° 11'	--	64	70	32.60	51.4	51.4

Table 6.--Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
June 18	0705	41°29.5'	68° 23'	--	65	72	--	50.1	50.3
June 18	0810	41° 28'	68° 36'	--	67	73	32.50	49.6	49.3
June 18	0905	41°24.5'	68°47.5'	--	68	75	--	53.1	52.7
June 18	1010	41° 25'	69° 02'	--	70	77	32.10	52.4	52.4
June 18	1105	41°27.5'	69° 15'	14	71	78	--	54.0	49.9
June 18	1210	41°29.5'	69°29.7'	--	74	80	32.05	50.1	47.9
June 18	1405	41° 40'	69° 34'	--	75	81	--	53.9	52.7
June 18	1505	41°38.5'	69° 38'	--	76	83	31.56	54.3	53.6
June 18	1605	41° 55'	69°42.5'	--	77	84	--	54.4	53.8
June 18	1705	42°04.5'	69° 46'	--	79	86	31.59	54.4	53.7
June 18	1805	42° 12'	69°54.5'	--	81	88	--	53.7	51.8
June 18	1905	42°16.5'	70°08.5'	--	83	90	31.62	55.9	51.5
June 18	2005	42° 23'	70° 29'	--	84	92	--	55.5	54.6
June 18	2105	42°28.5'	70° 29'	--	85	93	30.37	55.2	51.8
June 18	2205	42°34.2'	70°39.7'	--	86	94	--	55.7	--
June 18	2330	42°34.5'	70° 27'	15	86	94	--	56.1	--
					loading 4	loading 4			
June 19	0010	42°37.5'	70°26.5'	--	1	1	30.83	54.8	53.9
June 19	0105	42° 46'	70° 25'	--	2	3	--	53.4	51.4
June 19	0210	42° 46'	70° 14'	--	4	4	30.81	53.7	51.5
June 19	0305	42°46.8'	70° 02'	--	5	5	--	53.3	52.7
June 19	0405	42° 44'	69°58.5'	--	7	7	31.82	53.1	53.0
June 19	0505	42° 43'	69°36.5'	--	8	9	--	53.0	52.9
June 19	0605	42° 44'	69°22.5'	--	10	11	31.89	52.5	52.5
June 19	0705	42° 39'	69°16.5'	--	12	12	--	53.6	53.3
June 19	0815	42°27.5'	69° 17'	--	14	15	31.93	54.6	54.6
June 19	0900	42° 20'	69° 17'	--	15	16	--	55.0	54.9
June 19	1005	42° 11'	69° 17'	--	17	17	31.80	55.5	54.7
June 19	1100	42° 06'	69°10.5'	--	18	18	--	55.4	55.0
June 19	1215	42°05.5'	68°54.8'	16	19	20	32.08	53.6	52.0
June 19	1405	42°04.8'	68° 32'	--	23	23	--	53.5	53.0
June 19	1505	42° 05'	68° 18'	--	24	25	32.44	53.2	52.9
June 19	1605	42°06.3'	68° 04'	--	25	27	--	52.1	50.1
June 19	1705	42° 05'	67° 50'	--	27	28	32.50	51.9	51.8
June 19	1805	42° 05'	67° 36'	--	28	30	--	51.3	49.6
June 19	1905	42° 05'	67° 24'	--	29	31	32.55	48.1	46.7
June 19	2005	42° 07'	67° 09'	--	31	33	--	47.3	47.2
June 19	2105	42°08.5'	66° 57'	--	32	34	32.38	49.3	48.9
June 19	2205	42° 06'	66° 41'	--	34	36	--	49.6	48.9
June 19	2305	42°05.5'	66° 25'	--	35	38	32.30	48.9	48.5
June 20	0005	42°03.7'	66°10.4'	17	37	39	--	48.6	48.5
June 20	0205	41° 44'	66° 06'	--	42	44	32.33	48.5	48.0
June 20	0305	41° 37'	66° 14'	--	43	46	--	48.1	48.0
June 20	0405	41° 28'	66° 24'	--	45	47	32.14	48.2	47.5
June 20	0505	41° 21'	66° 32'	--	46	48	--	47.9	47.2
June 20	0605	41° 12'	66° 40'	--	48	50	32.28	48.9	48.7
June 20	0705	41° 04'	66°48.5'	--	49	52	--	48.6	47.1
June 20	0810	41°04.5'	67° 04'	--	51	54	32.56	49.7	48.6
June 20	0905	41° 05'	67° 13'	--	52	55	--	51.4	48.4
June 20	1005	41°05.3'	67°27.5'	--	53	56	32.62	52.0	50.8

Table 6.--Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
June 20	1105	41° 03'	67°44.5'	18	55	58	--	50.4	48.1
June 20	1205	41°03.2'	67° 51'	--	57	60	32.63	50.0	48.9
June 20	1405	41°01.3'	68° 13'	--	59	63	--	51.3	51.1
June 20	1505	41°01.2'	68°26.5'	--	60	65	32.66	49.9	49.2
June 20	1605	41° 01'	68° 41'	--	62	66	--	49.4	49.5
June 20	1705	41°02.5'	68° 56'	--	64	69	32.59	48.1	47.4
June 20	1805	40° 57'	69°02.6'	--	65	70	--	47.8	46.8
June 20	1905	40° 48'	69°02.8'	--	67	72	32.43	48.1	45.9
June 20	2005	40°44.5'	68° 56'	--	68	73	--	50.7	50.0
June 20	2105	40°44.3'	68° 43'	--	69	75	32.13	52.8	50.4
June 20	2205	40° 44'	68° 30'	--	71	76	--	53.0	48.1
June 20	2305	40°44.5'	68° 15'	--	72	78	32.56	53.2	51.3
June 21	0005	40°45.7'	68°00.8'	19	73	80	--	50.8	51.3
June 21	0205	40° 46'	67°40.5'	--	78	83	32.40	52.0	50.9
June 21	0305	40°45.3'	67°27.5'	--	79	85	--	50.7	49.9
June 21	0405	40°46.2'	67° 15'	--	80	86	32.33	48.7	47.6
June 21	0505	40°44.3'	67° 02'	--	82	88	--	49.1	48.6
June 21	0605	40° 37'	67° 02'	--	83	90	32.20	49.1	48.3
June 21	0705	40° 28'	67°14.5'	--	85	92	--	64.0	64.0
June 21	0805	40°25'	67° 20'	--	86	94	34.52	62.1	62.9
June 21	0905	40°35.5'	67° 29'	--	88	96	--	50.4	49.6
June 21	1005	40° 41'	67°41.5'	--	90	98	32.26	50.5	49.3
June 21	1100	40°35.5'	67°47.5'	--	91 loading 5	99 loading 5	--	50.5	46.9
June 21	1207	40°27.8'	67°56.5'	20	1	1	32.69	58.6	58.6
June 21	1405	40°17.5'	68° 09'	--	3	3	--	60.8	60.4
June 21	1510	40°11.5'	68° 18'	--	5	5	34.22	61.5	61.9
June 21	1605	40°18.5'	68°27.5'	--	6	7	--	56.9	56.1
June 21	1705	40° 25'	68° 36'	--	8	9	32.62	53.7	51.8
June 21	1805	40° 32'	68°45.5'	--	10	10	--	53.9	53.2
June 21	1905	40° 40'	68° 54'	--	11	12	32.54	51.5	50.0
June 21	2005	40°39.5'	69° 04'	--	14	14	--	51.4	48.7
June 21	2105	40° 35'	69°10.5'	--	15	15	32.53	52.6	49.0
June 21	2215	40° 27'	69° 28'	--	16	17	--	54.7	52.3
June 21	2305	40°20.5'	69°22.5'	--	17	18	32.46	54.9	54.8
June 22	0010	40°12.5'	69°31.4'	21	21	19	--	57.8	57.7
June 22	0210	39° 57'	69° 40'	--	23	23	34.73	65.0	65.0
June 22	0305	39° 56'	69°45.5'	--	24	25	--	64.2	64.4
June 22	0405	40° 04'	69° 52'	--	26	26	33.68	60.2	60.7
June 22	0505	40°11.5'	70° 00'	--	27	28	--	57.1	56.6
June 22	0605	40°19.5'	70°08.5'	--	29	30	32.40	56.1	55.3
June 22	0705	40° 27'	70° 14'	--	31	31	--	56.1	55.6
June 22	0810	40° 36'	70°24.5'	--	33	33	32.36	56.3	56.3
June 22	0905	40° 32'	70° 30'	--	35	35	--	57.1	56.7
June 22	1000	40° 24'	70°37.5'	--	36	36	32.60	58.3	56.6
June 22	1105	40° 16'	70° 44'	--	38	37	--	58.9	58.1
June 22	1205	40°08.3'	70°52.5'	22	42	40	32.93	60.6	58.8
June 22	1405	39° 58'	71° 04'	--	44	43	--	63.1	62.3
June 22	1505	40° 06'	71° 10'	--	46	44	32.69	60.2	57.3
June 22	1605	40° 14'	71° 13'	--	47	46	--	59.7	58.4

Table 6. --Date, time, and position for temperature and salinity records in relation to 1-meter tows and Hardy Plankton Recorder gauze sections *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Date	Time	Latitude N.	Longitude W.	1-meter tow	Surface gauze section	10-meter gauze section	Surface		10-meter temperature
							Salinity	Temperature	
							‰	°F.	
June 22	1705	40° 24'	71°17.5'	--	49	48	32.24	62.4	60.1
June 22	1805	40°20.5'	71° 23'	--	51	49	--	62.4	59.9
June 22	1905	40° 12'	71° 28'	--	53	51	32.30	60.4	57.9
June 22	2005	40° 05'	71°35.5'	--	55	53	--	60.2	59.0
June 22	2105	39°58.5'	71° 44'	--	56	54	33.20	62.2	61.1
June 22	2200	40° 03'	71° 51'	--	57	56	--	62.4	60.0
June 22	2300	40° 09'	72° 01'	--	58	57	30.73	63.1	61.3
June 23	0000	40°10.1'	72°09.2'	23	64	59	--	64.0	62.4
June 23	0205	39° 53'	72°22.5'	--	67	62	30.91	63.0	59.4
June 23	0310	39°45.5'	72° 31'	--	68	64	--	63.1	60.5
June 23	0405	39° 48'	72° 48'	--	70	65	31.03	63.5	63.4
June 23	0505	39° 54'	72° 54'	--	71	67	--	64.2	62.7
June 23	0605	40° 00'	73° 04'	--	73	68	30.87	63.8	63.1
June 23	0705	40° 10'	72° 58'	--	74	70	--	64.0	62.4
June 23	0805	40° 18'	72°52.5'	--	76	71	30.58	63.5	61.5
June 23	0900	40° 28'	72° 48'	--	77	73	--	61.7	59.1
June 23	1000	40° 34'	72° 42'	--	78	74	30.71	61.3	58.8
June 23	1100	40° 25'	72°39.5'	--	82 loading 6	76	--	61.5	58.1
June 23	1205	40°15.2'	72°34.9'	24	1	78	30.93	64.9	62.3
June 23	1405	40° 17'	72° 28'	--	2	80	--	65.2	63.1
June 23	1505	40° 26'	72° 22'	--	3	81	30.79	64.7	62.4
June 23	1605	40° 35'	72° 15'	--	5	83	--	64.5	62.8
June 23	1705	40° 40'	72°07.5'	--	6	84	31.12	64.0	61.9
June 23	1805	40° 33'	72° 00'	--	9	86	--	64.2	62.0
June 23	1905	40° 27'	71° 52'	--	10	87	31.46	63.3	59.9
June 23	2010	40° 33'	71° 44'	--	12	89	--	63.0	60.9
June 23	2105	40°40.5'	71° 36'	--	13	91	31.64	63.0	60.9
June 23	2205	40°51.5'	71° 28'	--	15	93	--	62.3	60.5
June 23	2305	40° 57'	71° 18'	--	16	94	32.09	60.2	58.5
June 24	0005	41° 06'	71° 10'	--	18	96	--	60.0	57.5
June 24	0100	41° 14'	71° 03'	--	19	97	32.11	59.6	57.2
June 24	0135	41° 17'	71° 00'	25	20	98	32.10	59.0	56.9

Table 7.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no. 71, February 20-March 2, 1956

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time					mm.	mm.
1	Feb. 21	1215	-	-	-	-	-	-
2	Feb. 22	0625	H-C	12	-	-	1.47	1.36-1.54
			*H	-	-	19	3.84	3.17-4.71
			HE	-	-	1	32.0	-
			AM	-	-	1	17.0	-
3	Feb. 22	1800	No tow	-	-	-	-	-
4	Feb. 23	1220	-	-	-	-	-	-
5	Feb. 24	0050	-	-	-	-	-	-
6	Feb. 24	1310	*C	-	-	1	1.50	-
7	Feb. 25	0320	HE	-	-	10	36.0	-
8	Feb. 27	1750	HE	-	-	1	42.0	-
9	Feb. 29	1230	H-C	62	VI	-	1.55	1.45-1.63
			A	1	V	-	2.29	-
			*H	-	-	80	4.11	3.08-4.71
			*C	-	-	27	4.66	4.22-5.19
			*A	-	-	4	5.36	4.80-5.72
10	Feb. 29	1835	H-C	73	V	-	1.55	1.41-1.67
			A	20	V	-	2.36	2.11-2.64
			*H	-	-	34	4.10	3.39-4.58
			*C	-	-	43	4.51	4.00-4.93
			*A	-	-	10	4.93	4.18-5.90
			AM	-	-	2	8.30	8.10-8.50
			C	-	-	2	3.85	3.52-4.18
			H	-	-	1	3.52	-
11	Mar. 1	1430	H-C	15	III	-	1.52	1.41-1.63
12	Mar. 2	0900	AM	-	-	110	18.0	9.00-23.0
			H	-	-	7	7.23	6.60-7.48

*Hatched aboard ship.

Table 8.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no. 72, March 21-31, 1956

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time						
							mm.	mm.
1	Mar. 22	0010	-	-	-	-	-	-
2	Mar. 22	1230	-	-	-	-	-	-
3	Mar. 23	0020	H-C	15	V	-	1.55	1.50-1.58
			A	6	V	-	2.36	2.24-2.46
			*H	-	-	18	4.15	3.52-4.49
			*C	-	-	11	4.63	4.31-5.10
			*A	-	-	4	5.48	5.28-5.85
			C	-	-	4	4.62	4.22-5.37
			H	-	-	6	3.78	3.04-4.18
4	Mar. 23	1550-1615	-	-	-	-	-	-
5	Mar. 24	1240	-	-	-	-	-	-
6	Mar. 26	0950	H	11	II	-	1.53	1.45-1.58
			*H	-	-	4	4.19	4.09-4.40
7	Mar. 27	0020	H-C	5	V	-	1.49	1.45-1.54
			*H	-	-	9	4.13	3.43-4.53
			*C	-	-	5	4.51	3.96-4.84
			H	-	-	1	7.44	-
			HE	-	-	1	39.0	-
			AM	-	-	1	20.6	-
8	Mar. 27	1515	*H	-	-	1	3.83	-
			*A	-	-	1	3.74	-
9	Mar. 28	1215	*H	-	-	2	4.21	4.18-4.27
			*C	-	-	5	4.66	4.18-4.84
			H	-	-	1	4.09	-
			C	-	-	1	3.21	-
10	Mar. 29	0420	-	-	-	-	-	-
11	Mar. 29	1610	H-C	43	V	-	1.52	1.36-1.63
			A	3	III	-	2.33	2.29-2.42
			*H	-	-	28	3.76	3.43-4.40
			*C	-	-	11	3.96	3.52-4.22
			*A	-	-	2	4.44	4.22-4.66
12	Mar. 30	1215	H-C	6	VI	-	1.51	1.50-1.54
			A	4	VI	-	2.34	2.17-2.55
			*H	-	-	12	4.36	4.00-4.66
			*C	-	-	2	4.93	4.93-4.93
			*A	-	-	17	5.88	5.50-6.38
			H	-	-	3	3.27	2.73-3.56
			C	-	-	8	4.84	3.34-6.34
			P	-	-	3	19.3	16.0-24.0
			AM	-	-	272	20.8	12.0-35.0

*Hatched aboard ship.

Table 8.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no. 72, March 21-31, 1956--Continued

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time						
							mm.	mm.
13	Mar. 31	0030	H-C	19	V	-	1.54	1.41-1.63
			*H	-	-	12	4.07	3.74-4.71
			*C	-	-	1	4.80	-
			HE	-	-	32	41.8	35.0-49.0
			AM	-	-	2	24.5	22.0-27.0
			A	-	-	2	4.40	4.20-4.60
			H	-	-	2	6.19	4.13-8.25
14	Mar. 31	1135	*RO	-	-	1	2.20	-
			AM	-	-	1	6.02	-

*Hatched aboard ship.

Table 9.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no. 73, April 17-28, 1956

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time					■■.	■■.
1	Apr. 18	0015	-	-	-	-	-	-
2	Apr. 18	1215	H-C	4	VI	-	1.50	1.45-1.58
			Y	2	V	-	0.88	-
			*H	-	-	6	4.08	3.96-4.27
			*C	-	-	18	4.47	3.96-4.88
			*A	-	-	3	5.42	4.53-5.94
			*Y	-	-	2	2.77	2.64-2.90
3	Apr. 19	0015	H-C	17	V	-	1.48	1.41-1.54
			*H	-	-	21	4.13	3.74-4.49
			*C	-	-	2	4.73	4.40-5.06
			P	-	-	2	18.0	14.0-22.0
			HE	-	-	7	42.7	38.0-47.0
4	Apr. 19	1215	H-C	118	V	-	1.55	1.41-1.67
			A	13	-	-	2.45	2.20-2.77
			*H	-	-	58	4.24	3.78-4.84
			*C	-	-	70	4.63	4.05-5.19
			*A	-	-	4	5.49	5.02-5.85
5	Apr. 20	0005	*H	-	-	1	4.31	-
			*A	-	-	1	5.37	-
			HE	-	-	5	40.0	31.0-44.0
			WO	-	-	13	22.8	22.0-24.0
6	Apr. 20	1220	-	-	-	-	-	-
7	Apr. 21	0015	H-C	5	V	-	1.54	1.50-1.58
			A	10	V	-	2.46	2.29-2.68
			*H	-	-	12	4.17	3.92-4.58
			*C	-	-	7	4.33	4.05-4.58
			*A	-	-	25	5.54	5.06-6.07
			HE	-	-	5	43.6	41.0-46.0
			AM	-	-	1	32.0	-
8	Apr. 21	1215	*H	-	-	8	4.08	3.96-4.27
			*C	-	-	4	4.47	4.18-4.84
			*A	-	-	2	5.50	5.19-5.51
9	Apr. 22	0015	H-C	25	VI	-	1.47	1.41-1.54
			Y	6	V	-	0.86	0.79-0.92
			*H	-	-	75	4.15	3.61-4.66
			*C	-	-	10	4.28	3.48-4.62
			*Y	-	-	13	2.79	2.42-3.12
			P	-	-	1	50.0	-
			AM	-	-	6	22.0	16.0-40.0
10	Apr. 22	1220	-	-	-	-	-	-
11	Apr. 23	0015	*H	-	-	21	4.11	3.74-4.62
			*C	-	-	11	4.21	3.74-4.62
			*A	-	-	8	5.41	4.75-6.25
			*Y	-	-	2	2.51	2.38-2.64

*Hatched aboard ship.

Table 9.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no. 73, April 17-28, 1956--Continued

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time					mm.	mm.
11--Cont.			*RO	-	-	3	2.16	2.16
			HE	-	-	3	48.0	44.0-52.0
			AM	-	-	1	12.0	-
12	Apr. 23	1215	*H	-	-	4	3.92	3.52-4.58
			*C	-	-	1	4.49	-
			*A	-	-	1	5.41	-
			C	-	-	3	4.36	3.58-4.76
			AM	-	-	2	23.0	21.0-25.0
13	Apr. 24	1215	H-C	19	V	-	1.40	1.28-1.54
			Y	11	V	-	0.85	0.80-0.88
			A	1	VI	-	2.11	-
			*H	-	-	19	3.76	3.12-4.53
			*C	-	-	1	4.36	-
			*Y	-	-	23	2.59	2.20-3.04
14	Apr. 25	0015	H-C	175	V	-	1.43	1.24-1.55
			Y	9	V	-	0.84	0.78-0.89
			*H	-	-	84	4.28	3.65-4.99
			*Y	-	-	6	2.77	2.55-2.95
			H	-	-	7	4.92	3.57-7.50
			C	-	-	5	6.39	3.85-7.28
			HE	-	-	3	43.3	42.0-46.0
15	Apr. 25	1215	H-C	45	V	-	1.44	1.33-1.54
			Y	4	V	-	0.85	0.80-0.88
			CU	1	V	-	1.40	-
			*H	-	-	88	4.09	3.17-4.66
			*C	-	-	8	4.28	3.96-4.84
			*Y	-	-	6	2.87	2.73-2.95
			*A	-	-	3	5.85	5.37-6.38
			*CU	-	-	1	4.05	-
			*SPH	-	-	1	37.0	-
16	Apr. 26	0015	H-C	101	V	-	1.46	1.37-1.63
			A	7	IV	-	2.32	2.22-2.42
			CU	5	V	-	1.34	1.29-1.41
			*H	-	-	23	3.72	3.21-4.13
			*A	-	-	14	5.07	4.31-6.25
			*CU	-	-	5	4.15	3.96-4.22
			*C	-	-	1	4.27	-
			HE	-	-	6	46.2	43.0-48.0
17	Apr. 26	1215	H-C	64	V	-	1.47	1.41-1.63
			A	11	V	-	2.31	2.16-2.73
			*H	-	-	22	3.83	3.43-4.31
			*C	-	-	2	4.35	4.31-4.40
			*A	-	-	15	4.68	4.14-5.06
			*CU	-	-	1	4.14	-
18	Apr. 27	1215	H-C	30	VI	-	1.39	1.29-1.47
			A	1	VI	-	2.29	-
			*H	-	-	55	4.07	3.52-4.53

*Hatched aboard ship.

Table 9.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no. 73, April 17-28, 1956--Continued

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time						
							mm.	mm.
18--			*C	-	-	10	4.42	3.96-4.80
Cont.			*Y	-	-	3	2.86	2.82-2.90
			*A	-	-	2	5.19	5.10-5.28
19	Apr. 28	0005	*H	-	-	3	4.09	3.65-4.58
			*Y	-	-	1	2.86	-
			*WF	-	-	1	4.75	-
20	Apr. 28	1200	*H	-	-	3	4.11	3.74-4.49
			*A	-	-	1	5.98	-
			AM	-	-	4	26.5	23.0-29.0
			P	-	-	40	14.6	10.0-23.0
			SC	-	-	1	14.0	-

*Hatched aboard ship.

Table 10.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no. 75, May 16-29, 1956

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time						
							mm.	mm.
1	May 17	0015	*WF	-	-	3	4.90	4.80-4.97
			*CU	-	-	3	3.89	3.83-3.96
			H	-	-	6	4.70	3.00-6.20
			RH	-	-	1	7.80	-
			C	-	-	1	6.70	-
2	May 17	1215	MU	-	-	1	12.0	-
3	May 18	0015	*H	-	-	2	4.09	3.96-4.22
			*C	-	-	1	4.66	-
			*Y	-	-	6	2.69	2.38-2.95
			*CU	-	-	1	4.00	-
			HE	-	-	3	47.0	42. 0-50.0
			WH	-	-	1	53.0	-
4	May 18	1220	*H	-	-	1	3.78	-
			P	-	-	2	23.5	21.0 -26.0
			SC	-	-	1	16.0	-
5	May 19	0015	*H	-	-	12	4.07	3.96-4.22
			*RO	-	-	2	1.94	1.85-2.02
			*A	-	-	1	4.75	-
			P	-	-	1	30.0	-
6	May 19	1215	P	-	-	1	26.0	-
			WO	-	-	2	26.0	23.0 -29.0
7	May 20	1215	*H	-	-	1	3.96	-
			*RO	-	-	1	2.07	-
			*A	-	-	1	4.75	-
			LF	-	-	2	31.5	25.0 -38.0
8	May 21	0020	H-C	16	V	-	1.42	1.26-1.54
			A	4	V	-	2.12	1.98-2.16
			RO	12	V	-	0.83	0.79-0.87
			*H	-	-	8	3.94	3.70-4.14
			*C	-	-	3	4.08	3.74-4.40
			*A	-	-	7	4.86	4.49-5.41
			*Y	-	-	28	2.72	2.38-3.08
			*RO	-	-	20	1.95	1.80-2.33
			*CU	-	-	2	3.46	3.21-3.70
			*WF	-	-	2	4.36	4.09-4.62
			AM	-	-	34	20.9	10.0 -28.0
			HE	-	-	2	33.5	32.0 -35.0
9	May 21	1220	RO	20	V	-	0.83	0.74-0.88
			*RO	-	-	57	2.07	1.80-2.42
			*CU	-	-	1	3.52	-
10	May 22	0015	*H	-	-	14	4.08	3.56-4.75
			*CU	-	-	6	3.99	3.34-4.66
			WH	-	-	4	45.8	43.0 -48.0

*Hatched aboard ship.

Table 10.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no, 75, May 16-29, 1956--Continued

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time						
							mm.	mm.
11	May 22	1215	*H	-	-	1	3.61	-
			*CU	-	-	2	4.16	4.05-4.27
12	May 23	0020	*H	-	-	11	4.07	3.77-4.48
			*RO	-	-	1	1.89	-
			WH	-	-	1	44.0	-
13	May 23	1220	*Y	-	-	2	2.73	2.55-2.90
			*RO	-	-	2	1.92	1.85-1.98
			P	-	-	2	24.5	21.0 -28.0
14	May 24	1215	RO	10	V	-	0.84	0.75-0.89
			*RO	-	-	16	2.07	1.89-2.29
			*WF	-	-	8	4.81	4.40-5.02
			*C	-	-	1	3.74	-
			*Y	-	-	2	2.80	2.73-2.86
			C	-	-	3	6.50	4.70-8.70
			SY	-	-	23	7.93	6.30-10.0
15	May 25	0020	H	7	V	-	1.41	1.36-1.45
			Y	11	V	-	0.85	0.82-0.92
			RO	1	II	-	0.84	-
			*H	-	-	4	4.11	4.05-4.18
			*Y	-	-	11	2.74	2.42-2.99
			*RO	-	-	1	2.07	-
16	May 25	1215	*Y	-	-	3	2.87	2.77-3.08
			*RO	-	-	1	2.11	-
17	May 26	0015	C	-	-	43	8.06	6.60-9.90
			H	-	-	53	6.71	4.95-8.85
			WH	-	-	1	27.0	-
			Y	-	-	2	7.42	5.55-9.30
18	May 26	1215	*Y	-	-	8	2.70	2.42-2.95
			H	-	-	4	6.00	4.35-6.90
19	May 27	0015	RU	-	-	1	39.0	-
			MU	-	-	1	25.0	-
			LA	-	-	4	24.5	23.0 -27.0
			RH	-	-	1	22.0	-
			U	-	-	1	14.0	-
			SU	-	-	1	22.0	-
20	May 27	0810	*SH	-	-	15	2.91	2.73-3.12
			*WF	-	-	1	4.58	-
			BU	-	-	1	18.0	-
			SR	-	-	2	10.5	10.0 -11.0
			H	-	-	1	10.8	-
			M	-	-	1	32.0	-
21	May 29	0015	H	-	-	7	22.4	16.0 -29.0
			WH	-	-	9	53.3	40.0 -63.0

*Hatched aboard ship.

Table 10.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no. 75, May 16-29, 1956--Continued

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time						
							mm.	mm.
22	May 29	1020	CN	57	V	-	0.90	0.83-0.97
			RO	6	II	-	0.78	0.75-0.83
			*CN	-	-	47	3.15	2.68-3.43
			*RO	-	-	3	2.23	2.20-2.29
			*M	-	-	4	3.62	3.30-3.83
			P	-	-	1	21.0	-
			AM	-	-	18	7.48	5.25-10.20

*Hatched aboard ship.

Table 11.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no. 76, June 11-24, 1956

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time						
							mm.	mm.
1	June 12	0000	U	13	V	-	0.78	0.75-0.84
			U	2	V	-	1.19	1.06-1.32
			U	2	V	-	0.75	-
			*U	-	-	3	2.56	2.46-2.68
			*U	-	-	23	1.92	1.58-2.20
			*U	-	-	3	1.95	1.76-2.07
			MU	-	-	2	24.0	23.0-25.0
			NE	-	-	1	23.0	-
			U	-	-	1	7.05	-
2	June 12	1215	RU	-	-	1	32.0	-
			MU	-	-	1	23.0	-
			WH	-	-	1	20.0	-
			U	-	-	1	13.0	-
			PU	-	-	1	13.0	-
3	June 13	0015	WH	-	-	1	30.0	-
			C	-	-	5	13.0	11.0-16.0
4	June 13	1215	CU	19	IV	-	1.27	1.20-1.36
			Y	1	-	-	0.81	-
			*WF	-	-	3	5.28	5.10-5.59
			*RO	-	-	1	2.07	-
			*CU	-	-	1	3.34	-
			*Y	-	-	1	3.21	-
5	June 14	0015	P	-	-	1	33.0	-
6	June 14	1215	WF	35	V	-	1.25	1.16-1.34
			RO	22	V	-	0.79	0.75-0.81
			*WF	-	-	18	5.07	4.58-5.46
			*RO	-	-	1	1.98	-
7	June 15	0015	LF	-	-	2	34.5	27.0-42.0
			HE	-	-	12	42.4	38.0-47.0
			P	-	-	2	27.0	25.0-29.0
8	June 15	1215	RO	6	IV	-	0.83	0.79-0.88
			*RO	-	-	1	2.29	-
			*WF	-	-	1	5.10	-
9	June 16	0015	LF	-	-	1	35.0	-
			AM	-	-	6	43.8	32.0-51.0
			WH	-	-	30	49.7	38.0-68.0
10	June 16	1215	RO	34	IV	-	0.80	0.75-0.85
			CU	29	III	-	-	-
			*RO	-	-	34	1.82	1.63-1.98
			*CU	-	-	9	3.69	3.52-4.05
			*M	-	-	2	3.16	3.12-3.21
			RH	-	-	1	36.0	-
11	June 17	0015	CU	14	V	-	1.27	1.15-1.32
			RO	5	V	-	0.81	0.75-0.85

*Hatched aboard ship.

Table 11.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time						
							mm.	mm.
11--Cont.			*CU	-	-	10	4.10	3.60-4.62
			*WF	-	-	2	4.62	-
			*H	-	-	2	3.26	-
			*RO	-	-	3	2.02	1.89-2.20
12	June 17	1215	CU	13	III	-	1.25	1.19-1.36
			U	68	IV	-	1.25	1.19-1.36
			U	22	III	-	0.78	0.75-0.88
			*CU	-	-	3	3.74	3.52-4.27
			*RO	-	-	1	1.76	-
			*G	-	-	1	2.99	-
			*Y	-	-	1	3.04	-
			*CN	-	-	1	3.26	-
13	June 18	0015	Y	12	V	-	0.85	0.81-0.87
			*Y	-	-	35	2.70	2.51-3.08
			RH	-	-	2	40.5	39.0-42.0
			SY	-	-	1	9.0	-
			H	-	-	1	5.25	-
14	June 18	1220	WF	4	-	-	1.29	1.23-1.36
			RO	2	-	-	0.80	0.76-0.84
			*WF	-	-	2	4.71	4.58-4.84
			*RO	-	-	4	2.01	1.94-2.11
			*CU	-	-	1	3.96	-
			*RH	-	-	2	1.92	1.89-1.94
			*Y	-	-	3	2.82	2.60-2.95
			C	-	-	1	9.15	-
15	June 18	2220	WF	3	IV	-	1.26	1.24-1.29
			RO	15	III	-	0.81	0.78-0.84
			RH	1	V	-	0.70	-
			*WF	-	-	4	4.62	4.18-5.06
			*RO	-	-	19	1.95	1.76-2.20
			*RH	-	-	4	1.96	1.76-2.07
			*CU	-	-	1	4.05	-
			*CN	-	-	2	2.64	-
			SB	-	-	7	23.1	21.0-29.0
			RH	-	-	1	51.0	-
			Y	-	-	6	12.1	9.6-13.8
			C	-	-	1	7.8	-
			H	-	-	1	5.0	-
16	June 19	1215	CU	1	IV	-	1.37	-
			RH	15	V	-	0.70	0.67-0.71
			RO	10	V	-	0.82	0.80-0.87
			*CU	-	-	1	3.83	-
			*RH	-	-	18	1.93	1.80-2.02
			*RO	-	-	16	1.96	1.72-2.11
17	June 20	0010	CU	14	V	-	1.28	1.23-1.40
			WH	-	-	2	31.5	30.0-33.0

*Hatched aboard ship.

Table 11.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time					mm.	mm.
18	June 20	1210	-	-	-	-	-	-
19	June 21	0015	*RH	-	-	2	1.90	1.85-1.94
			*M	-	-	1	2.86	-
			Y	-	-	194	7.26	4.65-14.25
20	June 21	1215	SH	14	V	-	0.92	0.88-0.97
			RH	10	V	-	0.69	0.65-0.71
			CN	1	V	-	0.92	-
			U	8	V	-	0.97	0.94-1.01
			U	10	V	-	0.72	0.70-0.75
			U	2	V	-	0.75	-
			*SH	-	-	34	2.94	2.73-3.21
			*RH	-	-	44	1.93	1.76-2.07
			*CN	-	-	2	2.88	2.86-2.90
			*U	-	-	16	2.83	2.64-3.08
			*U	-	-	2	2.11	1.98-2.24
			*U	-	-	20	2.02	1.76-2.42
			*U	-	-	1	2.86	-
21	June 22	0015	RH	44	V	-	0.70	0.66-0.74
			U	31	V	-	0.70	0.66-0.73
			U	16	V	-	0.74	0.88-0.97
			*RH	-	-	54	2.00	1.80-2.11
			*U	-	-	25	1.94	1.67-2.20
			*U	-	-	8	2.80	2.51-3.08
			WH	-	-	5	37.4	30.0-45.0
			SH	-	-	278	5.73	3.0-8.2
			RH	-	-	1	9.0	-
			Y	-	-	4	8.4	6.0-12.0
22	June 22	1215	U	38	V	-	1.31	1.23-1.33
			U	30	II	-	0.77	0.74-0.83
			*U	-	-	33	3.03	2.73-3.21
			*U	-	-	21	2.10	1.94-2.24
			*U	-	-	3	1.91	1.76-2.02
			*U	-	-	1	4.31	-
			WH	-	-	2	29.5	28.0-31.0
			CU	-	-	1	5.0	-
23	June 23	0015	RH	30	V	-	0.70	0.67-0.73
			SH	2	V	-	0.86	0.85-0.86
			U	1	V	-	0.97	-
			*RH	-	-	42	2.09	1.89-2.29
			*SH	-	-	9	2.96	2.73-3.12
			*U	-	-	2	2.82	2.77-2.86
			RO	-	-	3	8.7	6.6-11.5
24	June 23	1215	RH	20	V	-	0.70	0.67-0.74
			SH	1	V	-	0.86	-
			*RH	-	-	54	2.10	1.76-2.24
			*SH	-	-	2	3.04	-
			*U	-	-	1	2.77	-

*Hatched aboard ship.

Table 11.--Stages and sizes of fish eggs and larvae taken with 1-meter net on *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Tow			Species	Number of eggs	Modal stage	Number of larvae	Average diameter or length	Range
No.	Date	Time						
							mm.	mm.
24--Cont.			RO	-	-	1	12.5	-
25	June 24	0140	CN	35	V	-	0.84	0.78-0.89
			SH	4	V	-	0.94	0.92-1.02
			U	27	V	-	0.68	0.63-0.71
			U	24	V	-	0.77	0.74-0.80
			U	7	V	-	0.93	0.88-0.97
			*CN	-	-	11	2.64	2.38-3.04
			*SH	-	-	3	2.74	2.64-2.86
			*U	-	-	42	2.05	1.85-2.20
			*U	-	-	3	2.54	2.42-2.77
			*U	-	-	1	1.89	-
			WH	-	-	1	36.0	-
			RO	-	-	2	8.5	7.0-10.0
			G	-	-	1	7.0	-
			CN	-	-	16	2.54	1.82-2.94
			WI	-	-	4	3.00	2.31-3.57
			SSN	-	-	1	7.0	-
			WIF	-	-	1	7.0	-
			MH	-	-	3	5.88	4.48-8.25
			S	-	-	127	2.61	1.80-3.75
			RH	-	-	45	1.51	1.26-2.03
			SH	-	-	27	2.46	1.89-3.57
			U	-	-	1	2.8	-
			U	-	-	4	1.61	1.55-2.00
			U	-	-	44	1.77	1.54-2.17
			U	-	-	18	2.29	1.96-2.66

*Hatched aboard ship.

Table 12.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 71, February 20-March 2, 1956

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	mm.
1	1	-	-	-	-	-	-	-	U	1	4.4	-
	2	-	-	-	-	-	-	-	AM	1	18.	-
	3	-	-	-	-	-	-	-	AM	1	9.7	-
	4-36	-	-	-	-	-	-	-	-	-	-	-
	37-60	-	-	-	-	-	-	-	-	-	-	-
	61	-	-	-	-	-	-	-	AM	1	15.6	-
	62	-	-	-	-	-	-	-	HE	1	50	-
	63	-	-	-	-	-	-	-	U	1	-	-
	64	-	-	-	-	-	-	-	-	-	-	-
	65	-	-	-	-	-	-	-	AM	1	10	-
	66	-	-	-	-	-	-	-	HE	1	50	-
	67	H	-	-	1	-	-	-	-	-	-	-
	68	-	-	-	-	-	-	-	-	-	-	-
	69	H	-	-	1	-	-	-	-	-	-	-
	70	H	-	-	1	-	-	-	-	-	-	-
	71	-	-	-	-	-	-	-	-	-	-	-
	72	H	-	-	1	-	-	-	-	-	-	-
	73-82	-	-	-	-	-	-	-	-	-	-	-
2	1-24	-	-	-	-	-	-	-	-	-	-	-
	25-30	-	-	-	-	-	-	-	-	-	-	-
	31	H	-	-	1	-	-	-	-	-	-	-
	32	H	-	-	1	1	-	-	-	-	-	-
	33	-	-	-	-	-	-	-	-	-	-	-
	34	H	-	-	1	-	-	-	-	-	-	-
	35-39	-	-	-	-	-	-	-	-	-	-	-
	40	H	-	-	1	-	-	-	-	-	-	-
	41	H	-	1	-	-	-	-	-	-	-	-
	42-44	-	-	-	-	-	-	-	-	-	-	-
	45-63	-	-	-	-	-	-	-	-	-	-	-
	64-84	-	-	-	-	-	-	-	-	-	-	-
3	2-30	-	-	-	-	-	-	-	-	-	-	-
	34	-	-	-	-	-	-	-	-	-	-	-
	35	H	-	-	1	-	-	-	-	-	-	-
	36-45	-	-	-	-	-	-	-	-	-	-	-
	47-48	-	-	-	-	-	-	-	-	-	-	-
	49	H	-	-	2	-	-	-	-	-	-	-
	50	H	-	1	1	-	-	-	-	-	-	-
	51	H	-	-	3	-	-	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	52	H	-	1	3	-	-	-	AM	1	17	-
		C	-	1	-	-	-	-	-	-	-	-
	53	H	-	1	2	-	-	-	AM	1	-	-
		C	-	1	-	-	-	-	-	-	-	-
	54	H	-	2	-	-	-	-	-	-	-	-
	55	H	-	2	2	3	-	1	-	-	-	-
		C	-	-	3	-	-	-	-	-	-	-
	56	H	-	1	1	1	1	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	57	-	-	-	-	-	-	-	-	-	-	-
	59-61	-	-	-	-	-	-	-	-	-	-	-
	62	H	-	-	1	-	1	1	AM	1	14.5	-

Table 12.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 71, February 20-March 2, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	mm.
3--Cont.		C	-	-	-	-	1	-	-	-	-	-
	63	H	-	1	-	-	-	2	-	-	-	-
		C	-	-	1	1	-	-	-	-	-	-
4	1-4	-	-	-	-	-	-	-	-	-	-	-
	5	-	-	-	-	-	-	-	HE	3	45.3	40-48
	6	-	-	-	-	-	-	-	HE	1	50	-
	7	-	-	-	-	-	-	-	HE	1	50	-
	8-27	-	-	-	-	-	-	-	-	-	-	-
	28	H	-	1	-	-	-	-	-	-	-	-
	30-45	-	-	-	-	-	-	-	-	-	-	-
	46	-	-	-	-	-	-	-	HE	1	50	-
	47	H	-	-	1	-	-	-	-	-	-	-
	48	-	-	-	-	-	-	-	-	-	-	-
	49	-	-	-	-	-	-	-	HE	2	37.5	35-40
	50	-	-	-	-	-	-	-	HE	1	35	-
	51	-	-	-	-	-	-	-	-	-	-	-
	52	-	-	-	-	-	-	-	HE	2	36.5	30-43
	53	-	-	-	-	-	-	-	-	-	-	-
	54	-	-	-	-	-	-	-	HE	2	42.5	40-45
	55	-	-	-	-	-	-	-	HE	3	40.0	-
	56-59	-	-	-	-	-	-	-	-	-	-	-
	60	-	-	-	-	-	-	-	AM	2	-	-

10 Meters

1	2	-	-	-	-	-	-	-	AM	2	18	14-22
	3	-	-	-	-	-	-	-	AM	1	8.8	-
		-	-	-	-	-	-	-	U	4	5.0	-
	4	-	-	-	-	-	-	-	HE	5	23.6	15-35
	5	-	-	-	-	-	-	-	AM	1	12.0	-
		-	-	-	-	-	-	-	U	1	-	-
	6	-	-	-	-	-	-	-	AM	1	13	-
		-	-	-	-	-	-	-	HE	1	-	-
	7	-	-	-	-	-	-	-	AM	1	18	-
		-	-	-	-	-	-	-	HE	1	-	-
		-	-	-	-	-	-	-	U	2	-	-
	8	-	-	-	-	-	-	-	HE	1	-	-
	9-26	-	-	-	-	-	-	-	-	-	-	-
	27	-	-	-	-	-	-	-	HE	1	-	-
	28-42	-	-	-	-	-	-	-	-	-	-	-
	43	-	-	-	-	-	-	-	AM	2	10.5	10-11
	44	-	-	-	-	-	-	-	HE	1	40	-
	45	-	-	-	-	-	-	-	-	-	-	-
	46	H	-	-	1	-	-	-	HE	1	-	-
	47-48	-	-	-	-	-	-	-	-	-	-	-
	49	H	-	-	1	-	-	-	-	-	-	-
	50-52	-	-	-	-	-	-	-	-	-	-	-
	53	H	-	-	-	1	-	-	-	-	-	-
	54-61	-	-	-	-	-	-	-	-	-	-	-
	62	-	-	-	-	-	-	-	HE	1	32	-
	63	-	-	-	-	-	-	-	-	-	-	-

Table 12.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 71, February 20-March 2, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
2	1-26	-	-	-	-	-	-	-	-	-	-	-
	27-51	-	-	-	-	-	-	-	-	-	-	-
	52-75	-	-	-	-	-	-	-	-	-	-	-
	76	H	-	-	1	-	-	-	-	-	-	-
	77	-	-	-	-	-	-	-	-	-	-	-
3	1-35	-	-	-	-	-	-	-	-	-	-	-
	39-45	-	-	-	-	-	-	-	-	-	-	-
	46	H	-	-	-	1	-	-	-	-	-	-
	47-51	-	-	-	-	-	-	-	-	-	-	-
	52	H	-	-	-	1	-	-	-	-	-	-
	53-58	-	-	-	-	-	-	-	-	-	-	-
	60-72	-	-	-	-	-	-	-	-	-	-	-
	73	H	-	-	1	2	-	-	-	-	-	-
	74	H	-	-	1	5	-	-	-	-	-	-
		C	-	-	1	1	-	-	-	-	-	-
	75	H	-	-	3	-	1	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	76	H	-	-	1	4	1	-	-	-	-	-
		C	-	-	1	1	-	-	-	-	-	-
	77	H	-	2	2	1	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	78	H	-	-	1	1	-	-	-	-	-	-
	79	H	-	-	1	3	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	81	-	-	-	-	-	-	-	-	-	-	-
	82	H	-	-	-	1	-	-	-	-	-	-
	83	H	-	-	2	-	-	-	-	-	-	-
	84	H	-	-	1	-	-	-	-	-	-	-
	85	H	-	-	-	1	-	-	-	-	-	-
	86	H	-	-	-	1	-	-	-	-	-	-
	87	H	-	-	-	-	-	1	-	-	-	-
4	1-13	-	-	-	-	-	-	-	-	-	-	-
	14	-	-	-	-	-	-	-	HE	1	35	-
	15-18	-	-	-	-	-	-	-	-	-	-	-
	19	H	-	-	1	-	-	-	-	-	-	-
	20	-	-	-	-	-	-	-	-	-	-	-
	21	H	-	-	-	-	1	-	-	-	-	-
	22	-	-	-	-	-	-	-	-	-	-	-
	23	-	-	-	-	-	-	-	C	2	3.3	3.0-3.6
	24-32	-	-	-	-	-	-	-	-	-	-	-
	34-50	-	-	-	-	-	-	-	-	-	-	-
	51	H	-	1	-	-	-	-	C	1	4.4	-
	52	-	-	-	-	-	-	-	C	1	4.9	-
	53	-	-	-	-	-	-	-	-	-	-	-
	54	-	-	-	-	-	-	-	C	1	-	-
	55	-	-	-	-	-	-	-	HE	1	-	-
	56-58	-	-	-	-	-	-	-	-	-	-	-
	59	-	-	-	-	-	-	-	HE	1	39	-
	60	-	-	-	-	-	-	-	-	-	-	-
	61	-	-	-	-	-	-	-	HE	2	38	-
	62	-	-	-	-	-	-	-	-	-	-	-
	63	-	-	-	-	-	-	-	HE	1	-	-
	64-65	-	-	-	-	-	-	-	-	-	-	-
	66	-	-	-	-	-	-	-	U	1	-	-

Table 13.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 72, March 21-31, 1956

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	mm.
1	1-6	-	-	-	-	-	-	-	-	-	-	-
	7	H	-	-	-	1	-	-	-	-	-	-
	8-21	-	-	-	-	-	-	-	-	-	-	-
	23-39	-	-	-	-	-	-	-	-	-	-	-
	40	H	1	-	-	-	-	-	-	-	-	-
	41	-	-	-	-	-	-	-	-	-	-	-
	43-52	-	-	-	-	-	-	-	-	-	-	-
	53	H	-	-	-	-	-	-	-	-	-	-
	54	H	-	-	-	1	-	-	H	1	4.5	-
	55	-	-	-	-	-	-	-	H	1	4.5	-
		-	-	-	-	-	-	-	C	1	4.5	-
	56	H	-	-	-	-	1	-	H	1	4.5	-
	57	H	-	-	-	-	-	2	-	-	-	-
		C	-	-	-	-	1	-	-	-	-	-
	58	H	-	-	-	-	1	-	-	-	-	-
	59	H	-	-	-	-	2	-	-	-	-	-
		C	-	-	-	-	1	-	-	-	-	-
	61	H	-	-	-	-	2	-	-	-	-	-
	62-68	-	-	-	-	-	-	-	-	-	-	-
	69	H	-	-	-	1	1	-	-	-	-	-
	70	-	-	-	-	-	-	-	-	-	-	-
	71	H	-	-	-	-	1	-	-	-	-	-
	72-85	-	-	-	-	-	-	-	-	-	-	-
2	1-21	-	-	-	-	-	-	-	-	-	-	-
	22	H	-	-	-	1	-	-	-	-	-	-
	23-34	-	-	-	-	-	-	-	-	-	-	-
	36-56	-	-	-	-	-	-	-	-	-	-	-
	61-64	-	-	-	-	-	-	-	-	-	-	-
	65	H	-	1	2	-	-	-	-	-	-	-
	66	H	-	-	-	-	-	1	-	-	-	-
	67	H	-	-	1	-	-	-	-	-	-	-
	68	-	-	-	-	-	-	-	-	-	-	-
	69	H	-	-	2	-	-	-	-	-	-	-
	70	H	-	-	1	-	-	-	-	-	-	-
	71	-	-	-	-	-	-	-	-	-	-	-
	72	H	-	-	1	-	-	-	-	-	-	-
	73-74	-	-	-	-	-	-	-	-	-	-	-
	75	-	-	-	-	-	-	-	U	1	-	-
	76-86	-	-	-	-	-	-	-	-	-	-	-
3	1	-	-	-	-	-	-	-	-	-	-	-
	2	H	-	-	1	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-	-
	4	H	-	-	2	-	-	-	-	-	-	-
	5	H	-	-	-	1	-	-	-	-	-	-
	6-9	-	-	-	-	-	-	-	-	-	-	-
	10	H	-	-	3	-	-	-	-	-	-	-
	11	H	-	-	-	-	1	-	-	-	-	-
	12-17	-	-	-	-	-	-	-	-	-	-	-
	18	H	-	-	1	-	-	-	-	-	-	-
	19-22	-	-	-	-	-	-	-	-	-	-	-
	23	H	-	-	1	-	-	-	-	-	-	-

Table 13.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 72, March 21-31, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
3--Cont.	24-27	-	-	-	-	-	-	-	-	-	-	-
	29-51	-	-	-	-	-	-	-	-	-	-	-
	52	H	-	-	1	-	-	-	-	-	-	-
	53	H	-	1	1	-	-	-	-	-	-	-
	54	H	-	-	-	1	3	-	-	-	-	-
		C	-	-	1	-	1	-	-	-	-	-
	55	H	-	-	-	1	1	-	-	-	-	-
	56	H	-	2	2	-	-	-	-	-	-	-
		C	-	-	-	-	1	-	-	-	-	-
	57	H	-	1	2	1	1	-	-	-	-	-
		C	-	-	1	-	1	-	-	-	-	-
	58	H	-	1	-	1	2	-	-	-	-	-
		C	-	-	1	1	-	-	-	-	-	-
	59	H	-	-	2	1	-	-	-	-	-	-
		C	-	1	-	-	-	-	-	-	-	-
	60	C	-	-	-	1	-	-	-	-	-	-
	61	H	-	-	-	1	-	-	-	-	-	-
		C	-	-	2	1	-	-	-	-	-	-
	62	C	-	-	-	-	1	-	-	-	-	-
	63	-	-	-	-	-	-	-	-	-	-	-
	64	C	-	-	1	-	-	-	-	-	-	-
	65	C	-	-	-	-	1	-	-	-	-	-
	66	-	-	-	-	-	-	-	-	-	-	-
	67	C	-	-	-	-	1	-	-	-	-	-
	68	-	-	-	-	-	-	-	H	1	8.0	-
	69	-	-	-	-	-	-	-	-	-	-	-
	70	C	-	-	-	1	-	-	-	-	-	-
	71	C	-	-	1	-	-	-	-	-	-	-
	72	C	-	-	-	1	-	-	-	-	-	-
	73-76	-	-	-	-	-	-	-	-	-	-	-
	77	C	-	-	1	-	-	-	-	-	-	-
	78	-	-	-	-	-	-	-	-	-	-	-
	79	-	-	-	-	-	-	-	AM	1	11.0	-
	80-89	-	-	-	-	-	-	-	-	-	-	-
	90	H	1	1	-	-	-	-	-	-	-	-
	91	H	-	1	1	-	-	-	-	-	-	-
	92	-	-	-	-	-	-	-	-	-	-	-
4	1-2	-	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	H	1	-	-
	4-9	-	-	-	-	-	-	-	-	-	-	-
	10	-	-	-	-	-	-	-	C	2	3.61	-
	11-15	-	-	-	-	-	-	-	-	-	-	-
	16	H	-	-	-	1	3	1	-	-	-	-
		C	-	-	-	-	1	1	-	-	-	-
	17	H	-	-	-	-	2	4	-	-	-	-
		C	-	-	-	-	3	-	-	-	-	-
	18	H	1	1	-	-	3	3	-	-	-	-
		C	-	-	-	1	4	-	-	-	-	-
	19	H	-	-	-	1	3	-	-	-	-	-
		C	1	1	-	-	-	-	-	-	-	-
	20	H	-	2	-	1	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-

Table 13.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 72, March 21-31, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
4--Cont.	21	H	-	-	-	1	-	1	-	-	-	-
	23-31	-	-	-	-	-	-	-	-	-	-	-
	32	H	-	3	-	-	1	-	-	-	-	-
		C	-	1	-	-	-	-	-	-	-	-
	33	H	-	-	-	3	2	-	-	-	-	-
		C	-	-	-	1	1	-	-	-	-	-
	34	H	-	-	-	-	-	2	-	-	-	-
	35	H	-	-	1	1	1	1	H	1	3.6	-
		C	-	-	-	1	-	-	-	-	-	-
	36	H	-	-	-	1	1	1	-	-	-	-
		C	-	-	1	-	-	1	-	-	-	-
	37	H	-	-	3	-	-	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	38-39	-	-	-	-	-	-	-	-	-	-	-
	40	H	-	-	1	-	1	1	-	-	-	-
	41	-	-	-	-	-	-	-	-	-	-	-
	42	H	-	-	-	1	-	-	-	-	-	-
	43-52	-	-	-	-	-	-	-	-	-	-	-
	53	-	-	-	-	-	-	-	C	1	7.0	-
	54	-	-	-	-	-	-	-	-	-	-	-
	55	H	-	-	2	-	-	-	-	-	-	-
	56	H	-	-	-	-	1	-	-	-	-	-
	57-59	-	-	-	-	-	-	-	-	-	-	-
	61-76	-	-	-	-	-	-	-	-	-	-	-
	77	H	-	-	-	-	1	-	HE	3	45.3	43.0-48.0
	78	-	-	-	-	-	-	-	-	-	-	-
5	73	-	-	-	-	-	-	-	-	-	-	-
	74	-	-	-	-	-	-	-	HE	1	35.0	-
		-	-	-	-	-	-	-	U	1	-	-
	75	H	-	-	-	1	-	-	-	-	-	-
	76-77	-	-	-	-	-	-	-	-	-	-	-
	78	-	-	-	-	-	-	-	HE	1	38.0	-
	79-84	-	-	-	-	-	-	-	-	-	-	-
	85	-	-	-	-	-	-	-	AM	1	20.0	-
	86-87	-	-	-	-	-	-	-	-	-	-	-
	88	H	-	-	-	-	2	-	-	-	-	-
	89	H	-	-	-	-	1	2	-	-	-	-
						10 Meters						
1	1-2	-	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	AM	1	5.5	-
	4	-	-	-	-	-	-	-	AM	1	4.6	-
	5	-	-	-	-	-	-	-	HE	1	-	-
	6-12	-	-	-	-	-	-	-	-	-	-	-
	15-24	-	-	-	-	-	-	-	-	-	-	-
	26-35	-	-	-	-	-	-	-	-	-	-	-
	36	H	-	-	-	-	1	1	-	-	-	-
	37	-	-	-	-	-	-	-	-	-	-	-
	38	H	-	-	-	-	-	1	-	-	-	-
	39	H	-	-	-	2	3	-	-	-	-	-
		C	-	-	-	1	1	-	-	-	-	-

Table 13.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 72, March 21-31, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
1--Cont.	40	H	-	-	-	3	-	-	HE	1	-	-
		C	-	-	-	1	-	-	-	-	-	-
	41	H	-	-	1	-	-	-	HE	1	-	-
		A	-	-	-	1	-	-	-	-	-	-
	42	H	-	-	-	3	1	1	H	1	4.8	-
		C	-	-	-	1	1	-	-	-	-	-
	45	H	-	-	-	-	1	-	-	-	-	-
	46	H	-	-	1	-	1	-	-	-	-	-
		C	-	-	-	-	1	-	-	-	-	-
	47	H	-	-	1	-	-	-	-	-	-	-
	48	H	-	-	1	1	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	49	H	-	-	2	6	-	-	-	-	-	-
		C	-	-	-	4	-	-	-	-	-	-
	50	H	-	-	1	-	1	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	51	H	-	-	3	-	-	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	52-53	-	-	-	-	-	-	-	-	-	-	-
	54	H	-	-	1	-	-	-	-	-	-	-
	55-61	-	-	-	-	-	-	-	-	-	-	-
	62	H	-	-	1	-	-	-	-	-	-	-
	63-72	-	-	-	-	-	-	-	-	-	-	-
2	4-21	-	-	-	-	-	-	-	-	-	-	-
	22	H	-	1	-	-	-	-	-	-	-	-
	23	-	-	-	-	-	-	-	-	-	-	-
	24	H	-	-	1	-	-	-	-	-	-	-
	25	-	-	-	-	-	-	-	-	-	-	-
	26	H	-	-	1	-	-	-	-	-	-	-
	27-34	-	-	-	-	-	-	-	-	-	-	-
	36-44	-	-	-	-	-	-	-	-	-	-	-
	45	-	-	-	-	-	-	-	HE	-	1	38.0
	46-55	-	-	-	-	-	-	-	-	-	-	-
	62-67	-	-	-	-	-	-	-	-	-	-	-
	68	H	-	1	-	1	-	-	-	-	-	-
	69	H	-	-	-	1	-	-	-	-	-	-
	70-86	-	-	-	-	-	-	-	-	-	-	-
	87	H	-	-	1	-	-	-	-	-	-	-
3	1-7	-	-	-	-	-	-	-	-	-	-	-
	8	H	-	-	1	-	-	-	-	-	-	-
	9	H	-	-	1	-	-	-	-	-	-	-
	10	H	-	-	2	-	-	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	11-12	-	-	-	-	-	-	-	-	-	-	-
	13	H	-	-	1	-	-	-	-	-	-	-
	14-24	-	-	-	-	-	-	-	-	-	-	-
	27-45	-	-	-	-	-	-	-	-	-	-	-
	46	H	-	-	1	-	-	-	-	-	-	-
	47	-	-	-	-	-	-	-	-	-	-	-
	48	H	-	-	1	1	-	-	-	-	-	-
	49	H	-	1	-	-	-	-	-	-	-	-

Table 13.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 72, March 21-31, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
3--											*mm.*	*mm.*
Cont.	50	H	-	1	1	1	-	-	-	-	-	-
		C	-	1	1	-	-	-	-	-	-	-
	51	H	-	-	2	-	-	-	-	-	-	-
	52	H	-	3	3	1	-	-	-	-	-	-
		C	-	2	1	-	-	-	-	-	-	-
	53	H	-	6	1	-	-	-	-	-	-	-
		C	-	2	-	1	-	-	-	-	-	-
	54	H	1	4	-	-	-	-	-	-	-	-
		C	1	1	-	-	-	-	-	-	-	-
	55	H	-	2	1	2	-	-	-	-	-	-
		C	-	-	2	1	-	-	-	-	-	-
	56	H	-	-	-	1	-	-	-	-	-	-
		C	-	2	1	-	-	-	-	-	-	-
	57	H	-	-	2	1	-	-	-	-	-	-
		C	-	2	3	1	-	-	-	-	-	-
	58	H	-	-	-	-	1	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	59	-	-	-	-	-	-	-	HE	1	23.0	-
	62	-	-	-	-	-	-	-	-	-	-	-
	63	-	-	-	-	-	-	-	AM	1	20.0	-
	64	C	-	1	-	-	-	-	AM	1	21.0	-
	65-66	-	-	-	-	-	-	-	-	-	-	-
	67	C	-	1	-	-	-	-	-	-	-	-
	68	C	-	1	-	-	-	-	AM	1	20.0	-
	69	C	-	1	-	-	-	-	-	-	-	-
	70	H	-	1	-	-	-	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	71-76	-	-	-	-	-	-	-	-	-	-	-
	77	H	-	-	2	-	-	-	-	-	-	-
	78-81	-	-	-	-	-	-	-	-	-	-	-
	82	A	-	-	-	1	-	-	-	-	-	-
	83-84	-	-	-	-	-	-	-	-	-	-	-
	85	H	-	-	3	-	-	-	-	-	-	-
	86	H	-	1	-	-	-	-	H	1	3.1	-
	87	H	-	-	1	-	-	-	-	-	-	-
	88	H	-	1	2	-	-	-	-	-	-	-
4	1-4	-	-	-	-	-	-	-	-	-	-	-
	5	H	-	1	2	1	-	-	-	-	-	-
	6	-	-	-	-	-	-	-	-	-	-	-
	7	-	-	-	-	-	-	-	AM	1	30.0	-
	8	-	-	-	-	-	-	-	AM	2	25.0	-
	9	-	-	-	-	-	-	-	HE	1	-	-
	10	-	-	-	-	-	-	-	-	-	-	-
	11	H	-	-	-	-	1	-	-	-	-	-
	12-14	-	-	-	-	-	-	-	-	-	-	-
	15	-	-	-	-	-	-	-	U	1	-	-
	16	-	-	-	-	-	-	-	-	-	-	-
	17	H	-	2	2	-	-	-	-	-	-	-
		C	-	1	-	-	-	-	-	-	-	-
		A	-	-	-	1	-	-	-	-	-	-
	18	H	-	-	1	1	-	1	-	-	-	-
		C	-	1	-	-	-	-	-	-	-	-

Table 13.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 72, March 21-31, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
4--												
Cont.	21-23	-	-	-	-	-	-	-	-	-	-	-
	24	H	-	-	-	1	-	-	-	-	-	-
	26-29	-	-	-	-	-	-	-	-	-	-	-
	30	H	-	-	1	1	-	-	-	-	-	-
	31	H	-	1	-	-	-	-	-	-	-	-
	32	H	-	-	-	-	-	1	-	-	-	-
	33	-	-	-	-	-	-	-	-	-	-	-
	34	H	-	-	-	-	-	2	-	-	-	-
	35-36	-	-	-	-	-	-	-	-	-	-	-
	59	-	-	-	-	-	-	-	H	1	3.7	-
	60	-	-	-	-	-	-	-	C	1	4.9	-
	61	-	-	-	-	-	-	-	-	-	-	-
	62	H	-	-	-	-	-	1	-	-	-	-
	63-70	-	-	-	-	-	-	-	-	-	-	-
	71	H	-	1	-	-	-	-	-	-	-	-
	72	H	-	1	-	1	-	-	-	-	-	-
	73	-	-	-	-	-	-	-	-	-	-	-
	74	H	-	1	-	-	-	-	-	-	-	-
	75-76	-	-	-	-	-	-	-	-	-	-	-
5												
	77-78	-	-	-	-	-	-	-	-	-	-	-
	79	-	-	-	-	-	-	-	HE	1	-	-
	80	-	-	-	-	-	-	-	-	-	-	-
	81	H	-	-	-	-	1	-	-	-	-	-
	82	-	-	-	-	-	-	-	-	-	-	-
	83	H	-	-	-	1	-	-	HE	1	30.0	-
	84	H	-	-	-	-	2	-	-	-	-	-
	85	-	-	-	-	-	-	-	-	-	-	-
	86	RO	-	-	-	1	-	-	H	1	4.4	-
	87	H	-	-	-	-	2	-	-	-	-	-
	88	H	-	-	-	-	-	1	H	1	3.3	-
	89-90	-	-	-	-	-	-	-	-	-	-	-

Table 14.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 73, April 17-28, 1956

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	mm.
1	1	-	-	-	-	-	-	-	-	-	-	-
	2	H	-	-	-	1	-	-	U	1	-	-
	3	-	-	-	-	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-	AM	1	25	-
	5	-	-	-	-	-	-	-	AM	1	30	-
	6	H	-	-	-	-	1	-	AM	3	-	-
	7	-	-	-	-	-	-	-	-	-	-	-
	8	-	-	-	-	-	-	-	W	1	35	-
	9	-	-	-	-	-	-	-	-	-	-	-
	10	-	-	-	-	-	-	-	AM	1	36	-
	11-15	-	-	-	-	-	-	-	-	-	-	-
	16	U	4	1	-	-	-	-	-	-	-	-
	17-21	-	-	-	-	-	-	-	-	-	-	-
	24-30	-	-	-	-	-	-	-	-	-	-	-
	31	H	-	-	-	-	1	-	-	-	-	-
	32-45	-	-	-	-	-	-	-	-	-	-	-
	47-53	-	-	-	-	-	-	-	-	-	-	-
	54	-	-	-	-	-	-	-	C	1	5.7	-
	55	-	-	-	-	-	-	-	-	-	-	-
	56	H	-	-	-	-	-	1	C	1	5.3	-
	57	H	-	-	-	-	1	-	C	2	6.5	6.4-6.6
	58-60	-	-	-	-	-	-	-	-	-	-	-
	61	H	-	-	-	-	1	-	-	-	-	-
	62-63	-	-	-	-	-	-	-	-	-	-	-
	64	H	-	-	-	-	1	-	-	-	-	-
	65	-	-	-	-	-	-	-	HE	1	45	-
	66	-	-	-	-	-	-	-	-	-	-	-
	67	H	-	-	1	-	-	1	-	-	-	-
	68	-	-	-	-	-	-	-	-	-	-	-
	70-77	-	-	-	-	-	-	-	-	-	-	-
	78	H	-	-	1	-	-	-	-	-	-	-
	79-82	-	-	-	-	-	-	-	-	-	-	-
	83	H	-	-	-	1	-	-	-	-	-	-
	84	H	-	-	1	-	-	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	85	C	-	-	-	-	1	-	-	-	-	-
	86	-	-	-	-	-	-	-	-	-	-	-
	87	H	-	-	-	1	-	-	-	-	-	-
		C	-	-	-	1	1	-	-	-	-	-
	88	H	-	1	-	-	1	-	-	-	-	-
		C	-	1	-	1	-	-	-	-	-	-
	89	H	-	-	1	-	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	90	H	-	-	1	1	-	-	-	-	-	-
		C	-	-	1	1	-	-	-	-	-	-
2	1-8	-	-	-	-	-	-	-	-	-	-	-
	9	-	-	-	-	-	-	-	W	1	29	-
	10-15	-	-	-	-	-	-	-	-	-	-	-
	16	-	-	-	-	-	-	-	HE	1	35	-
	17	-	-	-	-	-	-	-	W	1	23	-
	18	-	-	-	-	-	-	-	-	-	-	-
	19	A	1	-	-	-	-	-	HE	1	40	-

Table 14.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 73, April 17-28, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
2--											*mm.*	*mm.*
Cont.	20	-	-	-	-	-	-	-	-	-	-	-
	22-29	-	-	-	-	-	-	-	-	-	-	-
	30	H	1	-	-	-	-	-	-	-	-	-
	31	H	-	-	1	-	-	-	-	-	-	-
		A	-	-	-	1	-	-	-	-	-	-
	32	A	1	-	-	-	-	-	-	-	-	-
	33	H	-	-	1	-	-	-	-	-	-	-
	34	H	-	-	2	1	-	-	HE	1	9.2	-
	35	H	-	2	-	-	-	-	W	1	25	-
		A	-	1	-	-	-	-	-	-	-	-
	36	H	-	1	-	-	-	-	-	-	-	-
		A	-	-	1	1	-	-	-	-	-	-
	37-42	-	-	-	-	-	-	-	-	-	-	-
	44	A	-	1	-	-	-	-	-	-	-	-
	45-56	-	-	-	-	-	-	-	-	-	-	-
	57	-	-	-	-	-	-	-	U	1	-	-
	58-63	-	-	-	-	-	-	-	-	-	-	-
	64	H	-	1	-	-	-	-	-	-	-	-
	66-69	-	-	-	-	-	-	-	-	-	-	-
	70	H	-	-	1	-	-	-	-	-	-	-
	71	H	1	1	1	-	-	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	72	H	-	1	2	-	1	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	73	H	-	-	2	-	-	-	-	-	-	-
	74	H	-	-	3	-	-	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	75	H	-	-	4	1	-	-	-	-	-	-
		C	-	1	1	-	-	-	-	-	-	-
	76	H	-	-	1	1	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	77	H	-	-	1	-	-	-	-	-	-	-
	78	H	-	1	-	-	-	-	-	-	-	-
	79	-	-	-	-	-	-	-	-	-	-	-
	80	H	-	-	1	-	-	-	-	-	-	-
	81-82	-	-	-	-	-	-	-	-	-	-	-
	83	H	1	-	-	-	-	-	-	-	-	-
	84	H	-	-	1	-	-	-	-	-	-	-
		C	-	1	-	-	-	-	-	-	-	-
	85	U	-	1	1	-	-	-	-	-	-	-
	86	H	1	1	-	-	-	-	-	-	-	-
		C	-	1	-	1	-	-	-	-	-	-
3	1	-	-	-	-	-	-	-	-	-	-	-
	2	H	-	-	-	1	-	-	-	-	-	-
	3-9	-	-	-	-	-	-	-	-	-	-	-
	10	H	-	-	-	-	1	-	-	-	-	-
	11	H	-	1	-	-	-	-	-	-	-	-
	12-13	-	-	-	-	-	-	-	-	-	-	-
	14	H	1	-	-	-	-	-	-	-	-	-
	15	H	-	1	-	-	-	-	-	-	-	-
	16-18	-	-	-	-	-	-	-	-	-	-	-
	20	H	-	-	-	-	-	1	-	-	-	-

Table 14.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 73, April 17-28, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
3--Cont.	21	H	-	-	-	-	1	-	-	-	-	-
	22-38	-	-	-	-	-	-	-	-	-	-	-
	40-42	-	-	-	-	-	-	-	-	-	-	-
	43	H	1	3	-	-	-	-	-	-	-	-
	44	H	-	1	-	-	-	-	-	-	-	-
	45-46	-	-	-	-	-	-	-	-	-	-	-
	47	H	-	2	1	-	-	-	HE	1	37	-
		A	-	-	-	1	-	-	-	-	-	-
	48-49	-	-	-	-	-	-	-	-	-	-	-
	50	H	1	-	-	-	-	-	-	-	-	-
		A	-	-	-	1	-	-	-	-	-	-
	51	-	-	-	-	-	-	-	AM	1	20	-
	52	H	-	-	-	1	-	-	-	-	-	-
	53	H	-	-	-	-	1	-	-	-	-	-
	54	-	-	-	-	-	-	-	HE	1	40	-
	55-56	-	-	-	-	-	-	-	-	-	-	-
	57	H	-	-	-	-	1	-	-	-	-	-
	58-59	-	-	-	-	-	-	-	-	-	-	-
	62-63	-	-	-	-	-	-	-	-	-	-	-
	64	H	-	1	-	-	-	-	-	-	-	-
	65-75	-	-	-	-	-	-	-	-	-	-	-
	76	-	-	-	-	-	-	-	AM	1	31	-
	77	-	-	-	-	-	-	-	-	-	-	-
	78	-	-	-	-	-	-	-	AM	1	24	-
	79	-	-	-	-	-	-	-	-	-	-	-
	80	-	-	-	-	-	-	-	AM	2	25	-
	81	-	-	-	-	-	-	-	-	-	-	-
	82	-	-	-	-	-	-	-	AM	1	41	-
4	1	-	-	-	-	-	-	-	AM	1	39	-
	2	-	-	-	-	-	-	-	AM	1	20	-
	3	H	-	-	-	-	-	1	-	-	-	-
	4	H	-	-	-	-	1	-	-	-	-	-
	5	H	-	-	-	-	1	-	-	-	-	-
	6	H	-	-	-	-	-	1	AM	1	25	-
	7	H	-	-	-	-	1	-	AM	1	25	-
	8	H	-	-	1	-	1	-	-	-	-	-
	9	H	-	-	1	-	1	-	-	-	-	-
	10	-	-	-	-	-	-	-	-	-	-	-
	11	H	-	-	-	1	-	-	-	-	-	-
	12	-	-	-	-	-	-	-	AM	1	25	-
	13	-	-	-	-	-	-	-	-	-	-	-
	14	H	-	-	1	-	-	-	-	-	-	-
	15-17	-	-	-	-	-	-	-	-	-	-	-
	18	H	-	-	-	1	-	-	-	-	-	-
	19	H	-	-	-	1	-	-	-	-	-	-
	20-22	-	-	-	-	-	-	-	-	-	-	-
	23	H	-	-	-	-	1	-	-	-	-	-
	24	Y	-	-	-	-	-	1	-	-	-	-
	25	H	-	-	-	-	1	-	-	-	-	-
	26	-	-	-	-	-	-	-	-	-	-	-
	28-37	-	-	-	-	-	-	-	-	-	-	-
	38	H	-	-	-	1	-	-	-	-	-	-

Table 14.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 73, April 17-28, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	mm.
4-- Cont.	39	-	-	-	-	-	-	-	AM	1	-	-
	40	-	-	-	-	-	-	-	H	2	4.3	3.6-5.0
	41	H	-	-	1	-	-	-	-	-	-	-
	42	H	-	-	-	-	-	1	-	-	-	-
	43-44	-	-	-	-	-	-	-	-	-	-	-
	45	Y	-	-	-	-	1	-	-	-	-	-
	52-62	-	-	-	-	-	-	-	-	-	-	-
	63	H	-	-	1	-	-	-	-	-	-	-
	64	RO	-	-	-	-	1	-	-	-	-	-
	65	-	-	-	-	-	-	-	-	-	-	-
	66	CU	-	-	-	-	1	-	-	-	-	-
	67-71	-	-	-	-	-	-	-	-	-	-	-
	74	-	-	-	-	-	-	-	-	-	-	-
	75	H	-	-	-	-	-	2	-	-	-	-
	76	H	-	-	-	-	2	-	-	-	-	-
	77	H	-	-	-	1	1	-	-	-	-	-
		Y	-	-	-	-	1	-	-	-	-	-
	78	H	-	-	-	-	2	-	-	-	-	-
	79	H	-	-	-	-	2	-	-	-	-	-
	80	H	-	-	-	-	3	-	-	-	-	-
	81	H	-	-	-	1	2	1	-	-	-	-
	82	-	-	-	-	-	-	-	-	-	-	-
	83	H	-	-	2	2	1	1	H	1	3.5	-
		C	-	-	-	-	1	-	-	-	-	-
	84	H	-	-	1	1	-	1	-	-	-	-
	85	H	-	-	-	-	2	2	-	-	-	-
	86	H	-	-	-	1	3	-	-	-	-	-
	87	H	-	-	2	3	2	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	88	H	-	-	3	2	1	-	-	-	-	-
	89	H	-	-	-	1	-	-	-	-	-	-
		CU	1	1	-	-	1	-	-	-	-	-
	90	H	1	1	2	2	2	-	-	-	-	-
	91	H	-	1	-	1	-	-	-	-	-	-
		C	-	-	-	-	-	1	-	-	-	-
		A	-	-	-	1	1	-	-	-	-	-
	92	H	-	-	1	2	1	1	-	-	-	-
5	7-14	-	-	-	-	-	-	-	-	-	-	-
	15	H	-	-	1	-	-	-	-	-	-	-
	16	H	-	-	-	1	-	-	-	-	-	-
	17	-	-	-	-	-	-	-	-	-	-	-
	18	H	-	-	1	-	-	-	-	-	-	-
	19-20	-	-	-	-	-	-	-	-	-	-	-
	21	H	-	-	1	1	-	-	-	-	-	-
	22	H	-	1	3	1	-	-	-	-	-	-
	23	H	-	-	5	2	-	-	-	-	-	-
	25	H	-	-	2	1	-	-	-	-	-	-
	26	-	-	-	-	-	-	-	-	-	-	-
	27	CU	-	1	-	-	-	-	-	-	-	-
	28	-	-	-	-	-	-	-	-	-	-	-
	29	CU	-	1	-	-	-	-	-	-	-	-
	30	H	-	1	-	-	-	-	-	-	-	-

Table 14.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 73, April 17-28, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
5--											mm.	mm.
Cont.	31	H	-	-	3	-	-	-	-	-	-	-
	32	H	-	2	-	-	-	-	-	-	-	-
	33	H	-	-	1	1	-	-	-	-	-	-
	34	-	-	-	-	-	-	-	-	-	-	-
	35	H	-	1	-	-	-	-	-	-	-	-
	36	H	-	2	1	-	-	-	-	-	-	-
	37	H	-	3	-	1	-	-	-	-	-	-
	38	H	-	4	1	-	-	-	-	-	-	-
	39	H	-	1	1	-	-	-	-	-	-	-
	40	H	-	1	1	-	-	-	-	-	-	-
		CU	-	1	-	-	-	-	-	-	-	-
	41	H	-	-	-	-	1	-	-	-	-	-
	42	H	-	-	-	1	-	-	-	-	-	-
	43	A	-	-	1	-	-	-	-	-	-	-
	44	H	-	-	-	-	1	-	-	-	-	-
	45	H	-	-	1	-	1	-	-	-	-	-
	46	H	-	3	-	-	-	-	-	-	-	-
	47	H	1	1	-	-	1	-	-	-	-	-
	48	H	-	-	-	-	1	2	-	-	-	-
		Y	-	-	-	-	-	1	-	-	-	-
	49	H	-	1	-	-	-	-	-	-	-	-
	50	H	-	-	-	1	-	2	-	-	-	-
	51	H	-	-	1	-	-	-	-	-	-	-
	52	H	-	1	-	1	-	-	-	-	-	-
	53	-	-	-	-	-	-	-	AM	1	-	-
	54	-	-	-	-	-	-	-	AM	1	-	-
	55	-	-	-	-	-	-	-	AM	2	37	30-44
	56-57	-	-	-	-	-	-	-	-	-	-	-
	58	H	-	-	-	-	-	1	U	1	-	-
	59	-	-	-	-	-	-	-	H	1	3.6	-
		-	-	-	-	-	-	-	AM	1	30	-
	60	H	-	-	-	-	1	-	-	-	-	-
	62	-	-	-	-	-	-	-	-	-	-	-
	63	H	-	1	-	-	2	-	-	-	-	-
	64	H	-	-	-	1	-	-	-	-	-	-
	65	H	-	-	-	-	1	-	-	-	-	-
	66-67	-	-	-	-	-	-	-	-	-	-	-
	68	H	-	-	-	1	1	-	-	-	-	-
	69	H	-	1	1	-	3	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	70	C	-	-	-	-	-	1	-	-	-	-
	71	-	-	-	-	-	-	-	-	-	-	-
	72	-	-	-	-	-	-	-	-	-	-	-
	73	H	-	-	-	-	2	-	-	-	-	-
	74	H	-	-	-	1	-	-	-	-	-	-
		C	-	-	-	-	-	1	-	-	-	-
	75	H	-	-	-	-	1	-	-	-	-	-
	76-81	-	-	-	-	-	-	-	-	-	-	-
	83	-	-	-	-	-	-	-	-	-	-	-
	84	-	-	-	-	-	-	-	H	1	7.9	-
	85-86	-	-	-	-	-	-	-	-	-	-	-
	87	-	-	-	-	-	-	-	H	1	3.7	-
	88-89	-	-	-	-	-	-	-	-	-	-	-

Table 14.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 73, April 17-28, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
5--											*mm.*	*mm.*
Cont.	90	H	-	-	-	-	-	1	-	-	-	-
	91	H	-	-	-	1	-	-	-	-	-	-
	92-94	-	-	-	-	-	-	-	-	-	-	-
	95	-	-	-	-	-	-	-	AM	1	27	-
	96-97	-	-	-	-	-	-	-	-	-	-	-
	98	-	-	-	-	-	-	-	AM	2	28	26-30
	99-100	-	-	-	-	-	-	-	-	-	-	-
	10 Meters											
1	1	-	-	-	-	-	-	-	HE	1	50	-
	2-8	-	-	-	-	-	-	-	-	-	-	-
	9	-	-	-	-	-	-	-	C	1	6.9	-
	10-21	-	-	-	-	-	-	-	-	-	-	-
	25-43	-	-	-	-	-	-	-	-	-	-	-
	46-49	-	-	-	-	-	-	-	-	-	-	-
	50	H	-	-	-	2	-	-	-	-	-	-
	51-52	-	-	-	-	-	-	-	-	-	-	-
	53	-	-	-	-	-	-	-	C	1	4.8	-
	54	-	-	-	-	-	-	-	H	1	4.6	-
	55-63	-	-	-	-	-	-	-	-	-	-	-
	64	-	-	-	-	-	-	-	H	1	28	-
	65-66	-	-	-	-	-	-	-	-	-	-	-
	69-76	-	-	-	-	-	-	-	-	-	-	-
	77	H	-	1	-	-	-	-	-	-	-	-
	78	H	-	-	-	1	-	-	-	-	-	-
	79	H	-	-	1	-	-	-	-	-	-	-
		C	-	1	-	-	-	-	-	-	-	-
	80	H	-	1	-	-	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	81	-	-	-	-	-	-	-	HE	1	33	-
	82	-	-	-	-	-	-	-	HE	2	36.5	35-38
	83-84	-	-	-	-	-	-	-	-	-	-	-
	85	C	-	-	-	1	-	-	-	-	-	-
	86	H	-	-	1	1	-	-	-	-	-	-
		C	-	-	1	1	-	-	-	-	-	-
	87	H	-	1	-	-	-	-	-	-	-	-
		C	-	1	-	-	1	-	-	-	-	-
		A	-	-	-	-	1	-	-	-	-	-
2	1-20	-	-	-	-	-	-	-	-	-	-	-
	22-28	-	-	-	-	-	-	-	-	-	-	-
	29	A	1	-	-	-	1	-	-	-	-	-
	30	H	-	1	-	-	-	-	-	-	-	-
	31-34	-	-	-	-	-	-	-	-	-	-	-
	35	H	-	2	-	-	-	-	-	-	-	-
		A	-	-	1	-	-	-	-	-	-	-
	36	-	-	-	-	-	-	-	-	-	-	-
	37	H	-	-	-	1	-	-	-	-	-	-
	38	H	-	1	-	-	-	-	-	-	-	-
	39-40	-	-	-	-	-	-	-	-	-	-	-
	41	H	-	-	1	-	-	-	-	-	-	-

Table 14.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 73, April 17-28, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
2--Cont.	42-43	-	-	-	-	-	-	-	-	-	-	-
	45-65	-	-	-	-	-	-	-	-	-	-	-
	67	-	-	-	-	-	-	-	-	-	-	-
	68	H	-	-	-	1	-	-	-	-	-	-
	69-70	-	-	-	-	-	-	-	-	-	-	-
	71	H	-	1	1	-	-	-	-	-	-	-
		C	-	1	1	-	-	-	-	-	-	-
	72	H	-	-	3	-	1	-	-	-	-	-
		C	-	-	3	-	-	-	-	-	-	-
		CU	-	-	1	-	-	-	-	-	-	-
	73	H	-	-	3	-	-	-	-	-	-	-
		C	-	-	2	-	-	-	-	-	-	-
	74	H	-	-	1	-	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	75	H	-	-	-	1	-	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	76	H	-	-	4	3	-	-	-	-	-	-
		C	-	-	3	1	-	-	-	-	-	-
	77	-	-	-	-	-	-	-	-	-	-	-
	78	H	-	-	1	-	-	-	-	-	-	-
	79	-	-	-	-	-	-	-	-	-	-	-
	80	H	-	-	1	-	-	-	-	-	-	-
	81-83	-	-	-	-	-	-	-	-	-	-	-
	84	H	-	-	3	1	-	-	-	-	-	-
		C	-	-	2	-	-	-	-	-	-	-
	85	H	-	-	1	-	-	-	-	-	-	-
	86	H	-	-	1	-	-	-	-	-	-	-
	87-88	-	-	-	-	-	-	-	-	-	-	-
3	1-6	-	-	-	-	-	-	-	-	-	-	-
	7	H	-	-	-	-	1	-	-	-	-	-
	8	-	-	-	-	-	-	-	-	-	-	-
	9	H	-	-	-	-	1	-	-	-	-	-
	10	-	-	-	-	-	-	-	-	-	-	-
	11	H	1	-	-	1	-	-	-	-	-	-
	12	H	1	-	1	-	-	-	-	-	-	-
	13-18	-	-	-	-	-	-	-	-	-	-	-
	20-39	-	-	-	-	-	-	-	-	-	-	-
	41-46	-	-	-	-	-	-	-	-	-	-	-
	47	H	-	-	1	-	-	-	C	1	4.7	-
	48	-	-	-	-	-	-	-	U	1	18	-
	49	-	-	-	-	-	-	-	AM	1	12	-
	50	-	-	-	-	-	-	-	-	-	-	-
	51	A	-	-	1	5	-	-	AM	1	11	-
		U	-	-	1	-	-	-	-	-	-	-
	52	H	-	-	1	-	-	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	53	H	-	-	1	1	-	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	54	H	-	-	1	-	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	55	-	-	-	-	-	-	-	-	-	-	-
	56	A	-	-	-	1	-	-	-	-	-	-

Table 14.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 73, April 17-28, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
3--											*mm.*	*mm.*
Cont.	57	-	-	-	-	-	-	-	-	-	-	-
	58	H	-	-	1	-	-	-	-	-	-	-
	59	H	-	-	-	2	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
		A	-	-	-	3	-	-	-	-	-	-
	60	H	-	-	1	-	-	-	-	-	-	-
	61	H	-	-	1	-	-	-	-	-	-	-
	62	-	-	-	-	-	-	-	-	-	-	-
	65-66	-	-	-	-	-	-	-	-	-	-	-
	67	H	-	-	1	-	-	-	-	-	-	-
	68-76	-	-	-	-	-	-	-	-	-	-	-
	77	H	-	-	1	-	-	-	-	-	-	-
	78	-	-	-	-	-	-	-	-	-	-	-
	79	H	-	-	1	-	-	-	-	-	-	-
	80-82	-	-	-	-	-	-	-	-	-	-	-
	83	-	-	-	-	-	-	-	C	1	7.3	-
	84-85	-	-	-	-	-	-	-	-	-	-	-
4	1-3	-	-	-	-	-	-	-	-	-	-	-
	4	H	-	-	-	-	1	-	-	-	-	-
	5-9	-	-	-	-	-	-	-	-	-	-	-
	10	H	-	-	1	-	-	-	-	-	-	-
	11-20	-	-	-	-	-	-	-	-	-	-	-
	21	H	-	-	1	-	-	-	-	-	-	-
	22-23	-	-	-	-	-	-	-	-	-	-	-
	24	H	-	-	1	1	-	-	-	-	-	-
	25	H	-	1	-	-	-	-	-	-	-	-
	27-41	-	-	-	-	-	-	-	-	-	-	-
	42	H	-	-	-	1	-	-	-	-	-	-
	43	-	-	-	-	-	-	-	-	-	-	-
	44	H	-	-	-	1	-	-	-	-	-	-
	45	-	-	-	-	-	-	-	-	-	-	-
	46	H	-	-	-	-	1	-	SC	1	17	-
	48-50	-	-	-	-	-	-	-	-	-	-	-
	51	-	-	-	-	-	-	-	H	1	5.8	-
		-	-	-	-	-	-	-	C	1	5.1	-
	52-63	-	-	-	-	-	-	-	-	-	-	-
	64	RO	-	-	1	-	-	-	-	-	-	-
	65-66	-	-	-	-	-	-	-	-	-	-	-
	69-77	-	-	-	-	-	-	-	-	-	-	-
	78	H	-	-	1	2	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	79	H	-	-	2	4	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	80	H	-	-	1	3	-	-	-	-	-	-
		C	-	-	1	-	-	-	-	-	-	-
	81	H	-	-	1	3	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	82	H	-	-	1	3	-	-	-	-	-	-
		C	-	-	-	1	-	-	-	-	-	-
	83	-	-	-	-	-	-	-	-	-	-	-
	84	H	-	-	1	-	-	-	-	-	-	-
	85	H	-	-	1	-	-	-	-	-	-	-

Table 14.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 73, April 17-28, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	mm.
4--Cont.	86	H	-	1	1	-	-	-	-	-	-	-
		CU	-	-	1	-	-	-	-	-	-	-
	87-88	-	-	-	-	-	-	-	-	-	-	-
	89	H	-	-	1	-	-	-	-	-	-	-
5	1	H	-	-	1	-	-	-	-	-	-	-
	2-4	-	-	-	-	-	-	-	-	-	-	-
	5	H	-	-	1	-	-	-	-	-	-	-
	6-10	-	-	-	-	-	-	-	-	-	-	-
	11	H	-	-	1	-	-	-	-	-	-	-
	12-13	-	-	-	-	-	-	-	-	-	-	-
	14	H	-	-	3	-	-	-	-	-	-	-
	15	H	-	-	3	-	-	-	-	-	-	-
	16	H	-	-	1	-	-	-	-	-	-	-
	17	H	1	1	-	-	-	-	-	-	-	-
	18	-	-	-	-	-	-	-	-	-	-	-
	19	H	-	-	2	-	-	-	-	-	-	-
	20	H	-	-	1	1	-	-	-	-	-	-
	22-28	-	-	-	-	-	-	-	-	-	-	-
	29	A	-	-	-	-	1	-	-	-	-	-
	30	H	-	-	1	-	-	-	-	-	-	-
	31	H	-	-	1	-	-	-	-	-	-	-
	32-33	-	-	-	-	-	-	-	-	-	-	-
	34	H	1	-	-	-	-	-	-	-	-	-
	35	-	-	-	-	-	-	-	-	-	-	-
	36	H	-	-	1	-	-	-	-	-	-	-
	37	H	-	-	2	-	-	-	-	-	-	-
	38	-	-	-	-	-	-	-	-	-	-	-
	39	-	-	-	-	-	-	-	LA	1	42	-
	40	-	-	-	-	-	-	-	LA	1	32	-
	41-44	-	-	-	-	-	-	-	-	-	-	-
	45	H	-	-	-	1	-	-	-	-	-	-
	46	-	-	-	-	-	-	-	-	-	-	-
	47	H	-	-	1	-	-	-	-	-	-	-
	48	-	-	-	-	-	-	-	H	1	4.4	-
	49	H	-	-	1	-	-	-	-	-	-	-
	50	-	-	-	-	-	-	-	AM	1	34	-
	51	-	-	-	-	-	-	-	-	-	-	-
	52	CU	-	1	-	-	-	-	AM	1	34	-
	53	H	-	-	-	-	-	1	-	-	-	-
	54-55	-	-	-	-	-	-	-	-	-	-	-
	56	H	-	-	1	-	-	-	-	-	-	-
	57	-	-	-	-	-	-	-	AM	4	35	35-35
	58	-	-	-	-	-	-	-	AM	1	35	-
	59	H	-	-	-	-	1	-	-	-	-	-
	60	C	-	-	-	-	-	1	-	-	-	-
	61	H	-	1	-	-	-	-	H	1	4.4	-
	64	H	-	-	-	1	-	-	-	-	-	-
	65	H	-	-	-	1	-	-	-	-	-	-
	66	H	-	-	-	-	-	1	-	-	-	-
	67-69	-	-	-	-	-	-	-	-	-	-	-
	70	-	-	-	-	-	-	-	AM	1	-	-
	71-72	-	-	-	-	-	-	-	-	-	-	-

Table 14.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 73, April 17-28, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
5--											*mm.*	*mm.*
Cont.	73	H	-	-	-	1	-	-	-	-	-	-
	74	-	-	-	-	-	-	-	C	1	4.4	-
	75	-	-	-	-	-	-	-	-	-	-	-
	76	H	-	-	-	1	-	-	-	-	-	-
	77-78	-	-	-	-	-	-	-	-	-	-	-
	79	H	-	-	-	1	-	-	-	-	-	-
	80-82	-	-	-	-	-	-	-	-	-	-	-
	84-89	-	-	-	-	-	-	-	-	-	-	-
	90	H	-	-	-	1	-	-	-	-	-	-
	91	H	-	-	-	-	-	1	-	-	-	-
	92	H	-	-	1	-	-	-	-	-	-	-
	93	-	-	-	-	-	-	-	-	-	-	-
	94	H	-	-	1	-	-	-	-	-	-	-
	95-96	-	-	-	-	-	-	-	-	-	-	-
	97	-	-	-	-	-	-	-	HE	2	49	48-50
	98	-	-	-	-	-	-	-	HE	1	46	-
	99-100	-	-	-	-	-	-	-	-	-	-	-

Table 15.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 75, May 16-29, 1956

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
1	1	Y	-	-	-	-	2	-	-	-	-	-
	2	Y	-	-	-	1	1	-	AM	1	30	-
	3-4	-	-	-	-	-	-	-	-	-	-	-
	5	-	-	-	-	-	-	-	P	1	24	-
	6-9	-	-	-	-	-	-	-	-	-	-	-
	10	-	-	-	-	-	-	-	HE	1	50	-
	11-20	-	-	-	-	-	-	-	-	-	-	-
	22	-	-	-	-	-	-	-	H	1	3.6	-
	23	-	-	-	-	-	-	-	-	-	-	-
	24	RO	-	1	-	-	-	-	-	-	-	-
	25	M	-	-	-	-	1	-	-	-	-	-
	26-30	-	-	-	-	-	-	-	-	-	-	-
	31	-	-	-	-	-	-	-	H	1	4.1	-
	32	A	-	-	-	-	1	-	-	-	-	-
	33-36	-	-	-	-	-	-	-	-	-	-	-
	37	-	-	-	-	-	-	-	H	1	7.5	-
	38	-	-	-	-	-	-	-	RO	1	9.2	-
	39-40	-	-	-	-	-	-	-	-	-	-	-
	42-43	-	-	-	-	-	-	-	-	-	-	-
	44	RO	1	-	-	-	-	-	-	-	-	-
	45-49	-	-	-	-	-	-	-	-	-	-	-
	50	CU	-	-	-	-	-	1	-	-	-	-
	51	H	-	1	-	-	-	-	-	-	-	-
	52	-	-	-	-	-	-	-	H	1	5.1	-
	53-57	-	-	-	-	-	-	-	-	-	-	-
	58	H	-	-	-	-	-	1	WIF	1	3.5	-
	59-61	-	-	-	-	-	-	-	-	-	-	-
	65	-	-	-	-	-	-	-	H	1	4.8	-
	66-77	-	-	-	-	-	-	-	-	-	-	-
	78	-	-	-	-	-	-	-	H	1	15	-
	79	H	-	-	1	-	-	-	-	-	-	-
	80	H	-	-	-	-	1	-	-	-	-	-
	81	-	-	-	-	-	-	-	-	-	-	-
	82	H	-	1	-	-	-	-	-	-	-	-
	83	H	-	-	-	-	1	-	-	-	-	-
2	1-19	-	-	-	-	-	-	-	-	-	-	-
	22-41	-	-	-	-	-	-	-	-	-	-	-
	43-55	-	-	-	-	-	-	-	-	-	-	-
	56	-	-	-	-	-	-	-	HE	1	50	-
	57	-	-	-	-	-	-	-	-	-	-	-
	58	-	-	-	-	-	-	-	HE	1	50	-
	59	-	-	-	-	-	-	-	HE	1	49	-
		-	-	-	-	-	-	-	SY	1	8.0	-
	60	-	-	-	-	-	-	-	HE	1	47	-
	61	-	-	-	-	-	-	-	HE	1	47	-
	62	-	-	-	-	-	-	-	HE	1	50	-
	63	-	-	-	-	-	-	-	HE	1	38	-
	64-76	-	-	-	-	-	-	-	-	-	-	-
	78-84	-	-	-	-	-	-	-	-	-	-	-
	85	-	-	-	-	-	-	-	HE	1	50	-
	86-93	-	-	-	-	-	-	-	-	-	-	-
	94	-	-	-	-	-	-	-	AM	1	9.2	-
	95	CU	-	1	-	-	-	-	AM	1	14	-

Table 15.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 75, May 16-29, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	mm.
3	1-13	-	-	-	-	-	-	-	-	-	-	-
	14	H	-	-	-	1	-	-	-	-	-	-
	15-18	-	-	-	-	-	-	-	-	-	-	-
	19	RO	-	1	-	-	-	-	-	-	-	-
	22-30	-	-	-	-	-	-	-	-	-	-	-
	31	H	-	1	-	-	-	-	-	-	-	-
	32-37	-	-	-	-	-	-	-	-	-	-	-
	38	CU	-	-	1	-	-	-	-	-	-	-
	39	H	-	-	3	-	-	-	-	-	-	-
	40	H	-	4	2	-	-	-	-	-	-	-
		CU	-	1	-	-	-	-	-	-	-	-
	42	H	-	2	-	-	-	-	-	-	-	-
	43	-	-	-	-	-	-	-	U	1	24	-
	44-57	-	-	-	-	-	-	-	-	-	-	-
	58	CU	-	-	1	-	-	-	-	-	-	-
	59	H	-	-	1	-	-	-	-	-	-	-
	62-79	-	-	-	-	-	-	-	-	-	-	-
	80	H	-	-	-	-	-	1	-	-	-	-
4	1	H	-	-	1	-	1	-	-	-	-	-
	2-13	-	-	-	-	-	-	-	-	-	-	-
	14	CU	-	-	1	-	-	-	-	-	-	-
	15-20	-	-	-	-	-	-	-	-	-	-	-
	23-29	-	-	-	-	-	-	-	-	-	-	-
	30	-	-	-	-	-	-	-	H	1	-	-
	31-38	-	-	-	-	-	-	-	-	-	-	-
	39	RO	-	1	-	-	-	-	-	-	-	-
	40-43	-	-	-	-	-	-	-	-	-	-	-
	44	-	-	-	-	-	-	-	U	1	5.0	-
	45-55	-	-	-	-	-	-	-	-	-	-	-
	56	H	-	-	-	1	-	-	-	-	-	-
	57	-	-	-	-	-	-	-	-	-	-	-
	58	RO	-	-	1	-	-	-	-	-	-	-
	59	-	-	-	-	-	-	-	-	-	-	-
	60	-	-	-	-	-	-	-	SY	1	9.0	-
	61-62	-	-	-	-	-	-	-	-	-	-	-
	63	H	-	-	-	-	-	1	-	-	-	-
		Y	-	-	1	1	-	-	-	-	-	-
		CU	-	1	-	-	-	-	-	-	-	-
	65	H	-	-	-	-	1	-	-	-	-	-
	66	RO	-	1	-	-	-	-	SY	1	7.5	-
	67	-	-	-	-	-	-	-	-	-	-	-
	68	RO	-	-	-	1	-	-	-	-	-	-
	69	-	-	-	-	-	-	-	-	-	-	-
	70	H	-	1	1	-	-	-	-	-	-	-
		RO	-	-	-	-	1	-	-	-	-	-
	71-72	-	-	-	-	-	-	-	-	-	-	-
	73	RO	-	1	-	-	-	-	-	-	-	-
	74	H	-	1	-	-	-	-	-	-	-	-
	75	H	-	-	1	-	-	-	-	-	-	-
	76	-	-	-	-	-	-	-	-	-	-	-
	77	-	-	-	-	-	-	-	AM	1	20	-
	78	H	-	-	1	-	-	-	-	-	-	-
	79-85	-	-	-	-	-	-	-	-	-	-	-

Table 15.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 75, May 16-29, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
5	1	-	-	-	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	H	1	5.9	-
	3	-	-	-	-	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-	U	1	-	-
	5-8	-	-	-	-	-	-	-	-	-	-	-
	9	-	-	-	-	-	-	-	AM	1	-	-
	10	-	-	-	-	-	-	-	-	-	-	-
	11	RO	-	-	-	-	1	-	-	-	-	-
	12	-	-	-	-	-	-	-	U	1	-	-
	13-16	-	-	-	-	-	-	-	-	-	-	-
	17	Y	-	-	-	-	2	-	-	-	-	-
	18-21	-	-	-	-	-	-	-	-	-	-	-
	23	-	-	-	-	-	-	-	-	-	-	-
	24	Y	-	-	1	-	-	-	-	-	-	-
	25-35	-	-	-	-	-	-	-	-	-	-	-
	36	Y	-	-	1	-	-	-	-	-	-	-
	37-44	-	-	-	-	-	-	-	-	-	-	-
	45-49	-	-	-	-	-	-	-	-	-	-	-
	50	-	-	-	-	-	-	-	H	1	11.4	-
	51	SH	-	-	-	-	1	-	-	-	-	-
	52-65	-	-	-	-	-	-	-	-	-	-	-
	66	Y	-	-	1	-	-	-	-	-	-	-
		SH	-	-	-	-	1	-	-	-	-	-
	68-78	-	-	-	-	-	-	-	-	-	-	-
	79	-	-	-	-	-	-	-	H	1	-	-
	80-84	-	-	-	-	-	-	-	-	-	-	-
	85	-	-	-	-	-	-	-	Y	1	6.7	-
	86-88	-	-	-	-	-	-	-	-	-	-	-
	90-97	-	-	-	-	-	-	-	-	-	-	-
	98	SH	-	-	-	-	1	-	RO	1	5.0	-
	99	SH	-	-	-	-	5	-	-	-	-	-
	100	SH	1	1	2	-	8	1	H	1	3.1	-
	101	SH	-	1	2	-	21	1	-	-	-	-
	102	-	-	-	-	-	-	-	-	-	-	-
6	100	-	-	-	-	-	-	-	-	-	-	-
	99	SH	-	-	-	-	2	-	RH	1	2.9	-
	98	SH	-	-	1	4	2	-	SH	1	2.2	-
	97	SH	-	-	-	-	1	-	-	-	-	-
		Y	-	-	-	1	-	-	-	-	-	-
	96	SH	-	-	-	3	1	-	RH	1	-	-
		WF	-	-	1	-	-	-	-	-	-	-
	95	SH	-	-	-	1	-	-	-	-	-	-
	94	SH	-	-	-	2	-	-	-	-	-	-
	93	WF	-	-	-	1	-	-	-	-	-	-
	92	-	-	-	-	-	-	-	-	-	-	-
	91	SH	-	-	-	-	1	-	-	-	-	-
	90-88	-	-	-	-	-	-	-	-	-	-	-
	87	SH	-	-	-	1	-	-	-	-	-	-
		RO	-	-	-	1	-	-	-	-	-	-
	86	-	-	-	-	-	-	-	-	-	-	-
	85	SH	-	1	-	1	-	-	-	-	-	-
	84	-	-	-	-	-	-	-	-	-	-	-

Table 15.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 75, May 16-29, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
6--											mm.	mm.
Cont.	83	SH	-	-	1	-	-	-	-	-	-	-
	82	RO	-	-	-	1	-	-	CN	1	12	-
	81-71	-	-	-	-	-	-	-	-	-	-	-
	67-59	-	-	-	-	-	-	-	-	-	-	-
	58	SH	-	-	-	2	-	-	-	-	-	-
	57	Y	-	-	-	1	-	-	-	-	-	-
		SH	-	1	-	-	-	-	-	-	-	-
		RO	-	-	2	1	-	-	-	-	-	-
	56	RO	-	-	1	-	-	-	-	-	-	-
	55-44	-	-	-	-	-	-	-	-	-	-	-
	42-34	-	-	-	-	-	-	-	-	-	-	-
	33	CN	-	-	-	-	1	-	-	-	-	-
		M	-	2	-	-	-	-	-	-	-	-
	32-31	-	-	-	-	-	-	-	-	-	-	-
	30	U	1	-	1	-	-	-	-	-	-	-
	29-27	-	-	-	-	-	-	-	-	-	-	-
	26	-	-	-	-	-	-	-	AM	1	7.0	-

10 Meters

1	1-3	-	-	-	-	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-	U	1	20	-
	5	-	-	-	-	-	-	-	-	-	-	-
	6	-	-	-	-	-	-	-	-	-	-	-
	7	-	-	-	-	-	-	-	H	1	23	-
	8	-	-	-	-	-	-	-	H	2	22.5	22-23
	9-17	-	-	-	-	-	-	-	-	-	-	-
	18	-	-	-	-	-	-	-	G	1	24	-
	19-20	-	-	-	-	-	-	-	-	-	-	-
	22-30	-	-	-	-	-	-	-	-	-	-	-
	31	-	-	-	-	-	-	-	M	1	8.1	-
	32-33	-	-	-	-	-	-	-	-	-	-	-
	34	-	-	-	-	-	-	-	H	1	3.3	-
	35-40	-	-	-	-	-	-	-	-	-	-	-
	42-46	-	-	-	-	-	-	-	-	-	-	-
	47	-	-	-	-	-	-	-	H	1	5.1	-
	48	-	-	-	-	-	-	-	H	2	4.0	3.9-4.1
	49	-	-	-	-	-	-	-	H	3	3.7	3.4-4.0
	50	-	-	-	-	-	-	-	H	6	4.9	3.7-6.2
		-	-	-	-	-	-	-	C	2	5.0	4.5-5.5
	51	-	-	-	-	-	-	-	H	7	4.2	3.1-6.4
	52	-	-	-	-	-	-	-	H	11	4.7	3.6-6.6
		-	-	-	-	-	-	-	C	3	4.9	4.2-5.7
	53	-	-	-	-	-	-	-	H	4	4.8	4.0-6.0
	54-55	-	-	-	-	-	-	-	-	-	-	-
	56	H	-	-	-	1	-	-	-	-	-	-
	57	-	-	-	-	-	-	-	H	1	4.0	-
	58-59	-	-	-	-	-	-	-	-	-	-	-
	60	-	-	-	-	-	-	-	AM	2	37	25-40
	62-63	-	-	-	-	-	-	-	-	-	-	-
	64	-	-	-	-	-	-	-	AM	1	45	-

Table 15.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 75, May 16-29, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
1--											*mm.*	*mm.*
Cont.	65-72	-	-	-	-	-	-	-	-	-	-	-
	73	-	-	-	-	-	-	-	H	1	5.2	-
	74	H	-	-	-	1	-	-	-	-	-	-
	75	-	-	-	-	-	-	-	-	-	-	-
	76	CU	-	-	1	-	-	-	-	-	-	-
	77	-	-	-	-	-	-	-	-	-	-	-
	78	H	-	-	-	1	-	-	-	-	-	-
	79	-	-	-	-	-	-	-	U	1	17	-
	80-82	-	-	-	-	-	-	-	-	-	-	-
2	1-11	-	-	-	-	-	-	-	-	-	-	-
	12	-	-	-	-	-	-	-	W	1	28	-
	13-19	-	-	-	-	-	-	-	-	-	-	-
	22-29	-	-	-	-	-	-	-	-	-	-	-
	25	-	-	-	-	-	-	-	AM	1	30	-
	26-28	-	-	-	-	-	-	-	-	-	-	-
	29	-	-	-	-	-	-	-	HE	1	60	-
	30-41	-	-	-	-	-	-	-	-	-	-	-
	43-44	-	-	-	-	-	-	-	-	-	-	-
	45	-	-	-	-	-	-	-	HE	1	35	-
	46	-	-	-	-	-	-	-	HE	2	38	31-44
	47	-	-	-	-	-	-	-	HE	3	37	35-40
	48	-	-	-	-	-	-	-	HE	2	43	40-46
	49	-	-	-	-	-	-	-	HE	1	46	-
	50-54	-	-	-	-	-	-	-	-	-	-	-
	55	-	-	-	-	-	-	-	HE	1	51	-
	56	-	-	-	-	-	-	-	HE	1	55	-
	57	-	-	-	-	-	-	-	HE	1	45	-
	58-60	-	-	-	-	-	-	-	-	-	-	-
	61	-	-	-	-	-	-	-	HE	1	35	-
	62	-	-	-	-	-	-	-	HE	1	40	-
	63-73	-	-	-	-	-	-	-	-	-	-	-
	74	-	-	-	-	-	-	-	HE	1	36	-
	75-76	-	-	-	-	-	-	-	-	-	-	-
	77	-	-	-	-	-	-	-	HE	1	35	-
	78	-	-	-	-	-	-	-	-	-	-	-
	79-85	-	-	-	-	-	-	-	-	-	-	-
	86	-	-	-	-	-	-	-	HE	1	57	-
	87-91	-	-	-	-	-	-	-	-	-	-	-
	92	A	-	2	-	-	-	-	-	-	-	-
	93	-	-	-	-	-	-	-	-	-	-	-
	94	CU	-	1	-	-	-	-	-	-	-	-
	95	-	-	-	-	-	-	-	-	-	-	-
	96	H	-	-	1	-	-	-	-	-	-	-
		A	-	-	-	1	-	-	-	-	-	-
3	1-8	-	-	-	-	-	-	-	-	-	-	-
	9	-	-	-	-	-	-	-	HE	1	50	-
	10-21	-	-	-	-	-	-	-	-	-	-	-
	23-32	-	-	-	-	-	-	-	-	-	-	-
	33	H	-	-	1	1	-	-	-	-	-	-
	34-36	-	-	-	-	-	-	-	-	-	-	-
	37	H	-	-	1	-	-	-	-	-	-	-

Table 15.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 75, May 16-29, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
3--Cont.	38	-	-	-	-	-	-	-	U	1	5.0	-
	39	H	-	-	2	-	-	-	-	-	-	-
	40	-	-	-	-	-	-	-	-	-	-	-
	41	H	-	-	1	-	-	-	-	-	-	-
	42	H	-	-	1	-	-	-	C	1	4.8	-
	43-60	-	-	-	-	-	-	-	-	-	-	-
	61	H	-	-	1	-	-	-	-	-	-	-
	62	H	-	-	1	-	-	-	-	-	-	-
	64-81	-	-	-	-	-	-	-	-	-	-	-
4	1	-	-	-	-	-	-	-	-	-	-	-
	2	H	-	-	1	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-	-
	4	CU	-	-	-	1	-	-	-	-	-	-
	5-20	-	-	-	-	-	-	-	-	-	-	-
	23-29	-	-	-	-	-	-	-	-	-	-	-
	30	-	-	-	-	-	-	-	H	1	16	-
	31-45	-	-	-	-	-	-	-	-	-	-	-
	46	-	-	-	-	-	-	-	H	1	7.0	-
	47-56	-	-	-	-	-	-	-	-	-	-	-
	57	-	-	-	-	-	-	-	H	2	5.0	4.0-6.1
	58-59	-	-	-	-	-	-	-	-	-	-	-
	60	-	-	-	-	-	-	-	A	1	6.4	-
	61	-	-	-	-	-	-	-	Y	1	4.8	-
	64	-	-	-	-	-	-	-	-	-	-	-
	65	-	-	-	-	-	-	-	U	1	10.2	-
	66-74	-	-	-	-	-	-	-	-	-	-	-
	75	-	-	-	-	-	-	-	HE	1	66	-
	76-82	-	-	-	-	-	-	-	-	-	-	-
5	1-11	-	-	-	-	-	-	-	-	-	-	-
	12	-	-	-	-	-	-	-	HE	1	35	-
	13-17	-	-	-	-	-	-	-	-	-	-	-
	18	H	-	-	-	1	-	-	-	-	-	-
	19-21	-	-	-	-	-	-	-	-	-	-	-
	23-24	-	-	-	-	-	-	-	-	-	-	-
	25	H	-	-	-	1	-	1	-	-	-	-
		RO	-	-	1	-	-	-	-	-	-	-
	26-35	-	-	-	-	-	-	-	-	-	-	-
	36	RO	-	-	1	-	-	-	-	-	-	-
	37	-	-	-	-	-	-	-	H	2	6.5	6.0-7.0
	38	-	-	-	-	-	-	-	-	-	-	-
	39	-	-	-	-	-	-	-	H	1	7.5	-
	40	-	-	-	-	-	-	-	H	2	7.0	-
	41	-	-	-	-	-	-	-	H	3	8.2	6.2-11.3
	42	-	-	-	-	-	-	-	-	-	-	-
	44	-	-	-	-	-	-	-	H	1	6.0	-
	45	-	-	-	-	-	-	-	-	-	-	-
	46	-	-	-	-	-	-	-	Y	1	17	-
	47	-	-	-	-	-	-	-	-	-	-	-
	48	RO	-	-	-	-	1	-	-	-	-	-
	49-53	-	-	-	-	-	-	-	-	-	-	-
	54	-	-	-	-	-	-	-	H	1	11	-

Table 15.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 75, May 16-29, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
5--Cont.	55-56	-	-	-	-	-	-	-	-	-	-	-
	57	-	-	-	-	-	-	-	H	1	14	-
		-	-	-	-	-	-	-	HE	1	63	-
	58-62	-	-	-	-	-	-	-	-	-	-	-
	63	-	-	-	-	-	-	-	U	1	4.0	-
	64-65	-	-	-	-	-	-	-	-	-	-	-
	67	-	-	-	-	-	-	-	-	-	-	-
	68	-	-	-	-	-	-	-	H	1	8.5	-
	69	-	-	-	-	-	-	-	H	1	9.0	-
	70	-	-	-	-	-	-	-	H	1	6.3	-
	71	-	-	-	-	-	-	-	Y	2	3.8	2.9-4.8
	72	SH	-	-	-	1	-	-	-	-	-	-
	73	-	-	-	-	-	-	-	U	1	-	-
	74-75	-	-	-	-	-	-	-	-	-	-	-
	76	-	-	-	-	-	-	-	H	1	5.2	-
		-	-	-	-	-	-	-	U	1	5.0	-
	77	WF	-	-	-	-	1	-	-	-	-	-
	78	-	-	-	-	-	-	-	SH	1	3.5	-
	79	-	-	-	-	-	-	-	SH	3	4.7	4.0-5.0
	80	-	-	-	-	-	-	-	SH	3	3.2	-
		-	-	-	-	-	-	-	Y	1	2.5	-
	81	-	-	-	-	-	-	-	Y	8	2.5	-
	82	-	-	-	-	-	-	-	Y	8	2.5	-
	83	-	-	-	-	-	-	-	Y	34	2.5	-
	84	-	-	-	-	-	-	-	Y	35	2.5	-
	85	-	-	-	-	-	-	-	Y	7	2.5	-
	87-90	-	-	-	-	-	-	-	-	-	-	-
	91	-	-	-	-	-	-	-	SH	1	5.7	-
		-	-	-	-	-	-	-	M	1	-	-
	92	-	-	-	-	-	-	-	LP	1	51	-
	93	WF	-	-	1	-	-	-	Y	6	-	-
	94	-	-	-	-	-	-	-	Y	6	-	-
	95	-	-	-	-	-	-	-	M	2	4.8	-
		-	-	-	-	-	-	-	SY	1	8.8	-
	96	-	-	-	-	-	-	-	AM	1	25	-
		-	-	-	-	-	-	-	SY	10	8.8	-
	97	SH	-	-	-	2	5	-	SY	3	8.0	-
		-	-	-	-	-	-	-	Y	3	-	-
		-	-	-	-	-	-	-	RO	1	-	-
	98	SH	-	-	-	-	9	-	WF	2	-	-
		-	-	-	-	-	-	-	SY	8	-	-
		-	-	-	-	-	-	-	Y	7	-	-
	99	-	-	-	-	-	-	-	-	-	-	-
6	1	SH	-	-	-	-	1	-	Y	13	3.0	-
	2	SH	-	-	-	-	1	-	Y	14	3.0	-
		-	-	-	-	-	-	-	SY	1	6.3	-
	3	-	-	-	-	-	-	-	Y	5	3.3	-
	4	-	-	-	-	-	-	-	Y	3	-	-
	5	-	-	-	-	-	-	-	Y	2	4.4	-
	6	-	-	-	-	-	-	-	Y	1	-	-
	7	SH	-	-	-	1	-	-	Y	1	-	-
	8	SH	-	-	-	1	-	-	Y	1	-	-

Table 15.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 75, May 16-29, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
6-- Cont.											*mm.*	*mm.*
	9	-	-	-	-	-	-	-	-	-	-	-
	10	SH	-	-	-	1	-	-	Y	2	-	-
	11	-	-	-	-	-	-	-	-	-	-	-
	12	-	-	-	-	-	-	-	SH	1	-	-
	13-15	-	-	-	-	-	-	-	-	-	-	-
	16	SH	-	-	-	1	-	-	-	-	-	-
	17	-	-	-	-	-	-	-	SH	2	3.1	2.9-3.4
		-	-	-	-	-	-	-	Y	1	-	-
	18-21	-	-	-	-	-	-	-	-	-	-	-
	22	-	-	-	-	-	-	-	U	1	4.4	-
	23-26	-	-	-	-	-	-	-	-	-	-	-
	29-41	-	-	-	-	-	-	-	-	-	-	-
	42	RO	-	-	-	1	-	-	-	-	-	-
	43-57	-	-	-	-	-	-	-	-	-	-	-
	59-63	-	-	-	-	-	-	-	-	-	-	-
	64	-	-	-	-	-	-	-	Y	1	-	-
	65-71	-	-	-	-	-	-	-	-	-	-	-
	72	-	-	-	-	-	-	-	Y	1	5.2	-
	73	-	-	-	-	-	-	-	-	-	-	-
	74	-	-	-	-	-	-	-	Y	1	3.5	-
	75	-	-	-	-	-	-	-	Y	1	3.4	-
	76	-	-	-	-	-	-	-	H	1	28	-
	77	-	-	-	-	-	-	-	-	-	-	-

Table 16.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 76, June 11-24, 1956

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
1	1	RH	-	-	6	-	-	-	-	-	-	-
		SH	-	-	3	-	-	-	-	-	-	-
		CN	-	-	3	1	-	-	-	-	-	-
	2	RH	-	-	-	1	-	-	-	-	-	-
	3	U	-	-	-	1	-	-	-	-	-	-
	4	U	-	-	-	1	-	-	-	-	-	-
	5	-	-	-	-	-	-	-	-	-	-	-
	6	U	-	-	1	-	-	-	-	-	-	-
	7-9	-	-	-	-	-	-	-	-	-	-	-
	10	SH	-	-	2	-	-	-	-	-	-	-
	11	CN	-	-	-	1	1	-	-	-	-	-
		U	-	-	1	-	-	-	-	-	-	-
	12	RH	-	-	-	1	-	-	RH	1	2.3	-
		U	-	-	5	12	-	-	-	-	-	-
	13	SH	-	-	1	-	-	-	-	-	-	-
	14-16	-	-	-	-	-	-	-	-	-	-	-
	18-20	-	-	-	-	-	-	-	-	-	-	-
	21	U	-	7	58	27	17	-	-	-	-	-
	22	U	-	2	23	11	2	-	-	-	-	-
	23	U	-	-	3	-	1	-	SH	1	-	-
	24	U	-	-	1	-	-	-	SH	4	4.7	4.4-5.0
	25	U	-	1	-	-	-	-	-	-	-	-
	26	SH	-	1	1	-	-	-	-	-	-	-
		RH	-	-	1	-	-	-	-	-	-	-
		U	-	-	1	1	-	-	-	-	-	-
	27	SH	-	-	-	-	1	-	-	-	-	-
	28-32	-	-	-	-	-	-	-	-	-	-	-
	33	RH	-	-	1	-	-	-	-	-	-	-
	34-35	-	-	-	-	-	-	-	-	-	-	-
	37-39	-	-	-	-	-	-	-	-	-	-	-
	40	RH	-	-	1	1	-	-	-	-	-	-
	41	-	-	-	-	-	-	-	-	-	-	-
	42	SH	-	-	-	2	2	-	-	-	-	-
	43	SH	-	-	-	1	-	-	-	-	-	-
		RH	-	-	2	1	-	-	-	-	-	-
		U	-	-	1	2	-	-	-	-	-	-
	44	SH	-	-	-	1	-	-	-	-	-	-
	45	SH	-	-	-	1	-	-	-	-	-	-
	46	SH	-	-	1	1	-	-	-	-	-	-
	47	SH	-	-	-	-	1	-	-	-	-	-
		WF	-	-	1	-	-	-	-	-	-	-
	48-56	-	-	-	-	-	-	-	-	-	-	-
	58-62	-	-	-	-	-	-	-	-	-	-	-
	63	H	-	-	1	-	-	-	-	-	-	-
		RO	-	-	1	-	-	-	-	-	-	-
	64-77	-	-	-	-	-	-	-	-	-	-	-
	79	H	-	-	1	-	-	-	-	-	-	-
	80-93	-	-	-	-	-	-	-	-	-	-	-
	94	WF	-	-	1	-	-	-	-	-	-	-
	95	-	-	-	-	-	-	-	-	-	-	-
2	1-2	-	-	-	-	-	-	-	-	-	-	-
	3	H	-	1	-	-	-	-	-	-	-	-

Table 16.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
2--											mm.	mm.
Cont.	4-20	-	-	-	-	-	-	-	-	-	-	-
	21-32	-	-	-	-	-	-	-	-	-	-	-
	33	-	-	-	-	-	-	-	HE	1	48	-
	34-37	-	-	-	-	-	-	-	-	-	-	-
	38	H	-	1	-	-	-	-	-	-	-	-
		WF	-	1	-	-	-	-	-	-	-	-
	39	-	-	-	-	-	-	-	HE	2	51	-
	41-43	-	-	-	-	-	-	-	-	-	-	-
	44	-	-	-	-	-	-	-	HE	2	50	-
	45-51	-	-	-	-	-	-	-	-	-	-	-
	52	-	-	-	-	-	-	-	HE	2	47	44-50
	53-60	-	-	-	-	-	-	-	-	-	-	-
	61-64	-	-	-	-	-	-	-	-	-	-	-
	65	H	-	-	1	-	-	-	-	-	-	-
	66	RO	-	-	-	1	-	-	-	-	-	-
	67-76	-	-	-	-	-	-	-	-	-	-	-
	78-89	-	-	-	-	-	-	-	-	-	-	-
	90	-	-	-	-	-	-	-	AM	1	45	-
	91	-	-	-	-	-	-	-	-	-	-	-
	92	RO	-	-	-	1	-	-	-	-	-	-
	93-95	-	-	-	-	-	-	-	-	-	-	-
3	1-5	-	-	-	-	-	-	-	-	-	-	-
	6	WF	-	-	-	1	-	-	-	-	-	-
	7-8	-	-	-	-	-	-	-	-	-	-	-
	9	H	-	-	1	-	-	-	-	-	-	-
	10	CN	-	1	-	-	-	-	-	-	-	-
	11	H	-	-	1	-	-	-	-	-	-	-
	12	-	-	-	-	-	-	-	-	-	-	-
	13	H	-	-	1	-	-	-	-	-	-	-
	14-15	-	-	-	-	-	-	-	-	-	-	-
	16	WF	-	-	1	-	-	-	-	-	-	-
	17	-	-	-	-	-	-	-	-	-	-	-
	19-21	-	-	-	-	-	-	-	-	-	-	-
	22	CU	-	1	1	-	-	-	-	-	-	-
	23	CU	-	-	1	1	-	-	-	-	-	-
	24-26	-	-	-	-	-	-	-	-	-	-	-
	27	H	-	-	1	-	-	-	-	-	-	-
	28-31	-	-	-	-	-	-	-	-	-	-	-
	32	RO	-	-	1	-	-	-	-	-	-	-
	33	H	-	-	-	-	-	1	-	-	-	-
	35	Y	-	-	-	-	1	-	-	-	-	-
	36-50	-	-	-	-	-	-	-	-	-	-	-
	51	-	-	-	-	-	-	-	H	1	21	-
	52	-	-	-	-	-	-	-	-	-	-	-
	54-56	-	-	-	-	-	-	-	-	-	-	-
	57	Y	-	-	1	-	-	-	-	-	-	-
	58-67	-	-	-	-	-	-	-	-	-	-	-
	68	WF	-	-	1	-	-	-	-	-	-	-
		RO	-	-	1	-	-	-	-	-	-	-
	69-72	-	-	-	-	-	-	-	-	-	-	-
	74-79	-	-	-	-	-	-	-	-	-	-	-
	80	-	-	-	-	-	-	-	RO	1	10	-

Table 16.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	mm.
3--Cont.	81	-	-	-	-	-	-	-	SX	1	16	-
	82	-	-	-	-	-	-	-	RO	1	5.0	-
	83	-	-	-	-	-	-	-	-	-	-	-
	84	RH	-	-	1	-	-	-	RO	1	1.8	-
	85	CU	-	2	-	-	-	-	RO	2	3.2	2.9-3.5
	86	CU	-	-	1	-	-	-	-	-	-	-
4	1	WF	-	-	1	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	C	1	12	-
	3-7	-	-	-	-	-	-	-	-	-	-	-
	8	-	-	-	-	-	-	-	R	1	8.5	-
	9-19	-	-	-	-	-	-	-	-	-	-	-
	21-27	-	-	-	-	-	-	-	-	-	-	-
	28	RO	-	1	-	-	-	-	-	-	-	-
	29-31	-	-	-	-	-	-	-	-	-	-	-
	32	-	-	-	-	-	-	-	C	1	28	-
	33-37	-	-	-	-	-	-	-	-	-	-	-
	39-41	-	-	-	-	-	-	-	-	-	-	-
	42	Y	-	1	-	-	-	-	-	-	-	-
	43	RO	-	-	1	-	-	-	-	-	-	-
	44	RO	-	-	1	-	-	-	-	-	-	-
	45-55	-	-	-	-	-	-	-	-	-	-	-
	57-69	-	-	-	-	-	-	-	-	-	-	-
	70	-	-	-	-	-	-	-	Y	1	5.0	-
	71	-	-	-	-	-	-	-	-	-	-	-
	72	RH	1	-	-	-	-	-	Y	1	-	-
	73	-	-	-	-	-	-	-	SH	1	4.0	-
	76	-	-	-	-	-	-	-	Y	1	9.2	-
	77	-	-	-	-	-	-	-	Y	2	7.2	6.6-7.8
	78	RH	-	-	1	-	-	-	Y	2	5.7	-
	79	RH	-	-	1	-	-	-	Y	1	7.9	-
	80	RH	-	-	1	-	-	-	-	-	-	-
	81	SH	-	1	-	-	-	-	U	1	6.1	-
	82-85	-	-	-	-	-	-	-	-	-	-	-
	86	RH	-	-	2	-	-	-	-	-	-	-
	87	RH	-	4	-	-	-	-	-	-	-	-
	88	-	-	-	-	-	-	-	-	-	-	-
	89	SH	-	-	1	-	-	-	-	-	-	-
		RH	1	2	-	-	-	-	-	-	-	-
	90	RH	1	-	-	-	-	-	-	-	-	-
	91	SH	-	-	-	-	1	-	-	-	-	-
	92	RH	-	-	1	-	-	-	-	-	-	-
5	1	U	-	-	-	1	-	-	-	-	-	-
	2-3	-	-	-	-	-	-	-	-	-	-	-
	4	RH	-	1	-	-	-	-	-	-	-	-
	5	SH	-	1	2	-	-	-	-	-	-	-
		RH	-	1	-	1	1	-	-	-	-	-
		U	-	-	1	-	-	-	-	-	-	-
	6	RH	-	-	4	-	3	-	RH	1	2.1	-
		U	-	-	4	1	1	-	-	-	-	-
	7	RH	-	-	-	-	1	-	-	-	-	-

Table 16.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
5--Cont.	8	RH	-	-	1	-	-	-	-	-	-	-
	9-14	-	-	-	-	-	-	-	-	-	-	-
	15	RH	-	-	2	1	1	2	-	-	-	-
		U	-	1	1	-	-	-	-	-	-	-
	16	RH	-	-	-	-	1	-	Y	2	4.4	3.0-5.9
		-	-	-	-	-	-	-	SH	1	3.1	-
	17	U	-	2	1	-	-	-	-	-	-	-
		SH	-	-	-	-	-	1	SH	7	5.9	2.8-8.8
	18	-	-	-	-	-	-	-	SH	2	8.2	4.6-11.9
	21	RH	-	-	1	-	2	-	-	-	-	-
		U	-	-	1	-	-	-	SH	5	6.2	3.4-9.0
	22	RH	-	-	-	1	1	-	SH	3	10.4	10.0-10.7
	23-24	-	-	-	-	-	-	-	-	-	-	-
	25	RH	-	-	-	1	-	-	SH	1	10	-
		-	-	-	-	-	-	-	G	1	3.4	-
	26	U	-	1	1	1	-	-	SH	3	6.2	3.3-6.8
	27	RH	-	-	1	-	1	-	SH	5	3.9	3.2-5.3
		U	-	-	3	-	-	-	-	-	-	-
	28	SH	-	-	-	1	-	-	SH	3	5.8	4.1-7.5
	29	-	-	-	-	-	-	-	SH	3	6.0	5.0-8.0
	30	-	-	-	-	-	-	-	SH	1	7.0	-
	31	SH	-	-	-	1	1	-	-	-	-	-
		RH	-	1	-	1	1	-	-	-	-	-
	32	SH	-	-	1	1	1	-	-	-	-	-
		U	-	-	-	1	-	-	-	-	-	-
	33	SH	-	-	1	1	-	-	U	1	-	-
		RH	-	-	1	-	-	-	-	-	-	-
	34	SH	-	-	-	-	-	1	-	-	-	-
	35	SH	-	-	-	-	1	-	-	-	-	-
		RH	-	-	-	-	2	-	-	-	-	-
	36	-	-	-	-	-	-	-	-	-	-	-
	37	U	-	-	-	1	-	-	-	-	-	-
	38	RH	-	-	2	-	-	-	-	-	-	-
	42-44	-	-	-	-	-	-	-	-	-	-	-
	45	U	-	1	1	8	-	-	-	-	-	-
	46	RH	-	-	-	-	1	-	-	-	-	-
		U	-	-	2	3	2	-	-	-	-	-
	47-48	-	-	-	-	-	-	-	-	-	-	-
	49	RH	-	1	-	-	-	-	-	-	-	-
		U	-	-	-	1	-	-	-	-	-	-
	50	RH	-	-	1	1	-	-	-	-	-	-
	51	RH	-	-	-	1	-	-	-	-	-	-
	52	RH	-	-	2	1	-	-	-	-	-	-
		U	-	-	1	-	1	-	-	-	-	-
	53	RH	-	-	3	1	-	-	-	-	-	-
		U	-	2	2	-	-	-	-	-	-	-
	54	-	-	-	-	-	-	-	SH	1	5.1	-
	55	SH	-	-	1	-	-	-	-	-	-	-
		U	-	-	2	-	-	-	-	-	-	-
	56-58	-	-	-	-	-	-	-	-	-	-	-
	59	-	-	-	-	-	-	-	M	1	12.0	-
	64	RH	-	-	1	-	1	-	SH	1	-	-
		-	-	-	-	-	-	-	Y	1	6.2	-

Table 16.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
5--											*mm.*	*mm.*
Cont.	65	RH	-	-	-	-	1	-	M	1	9.0	-
	66	RH	-	1	2	-	-	-	-	-	-	-
	67	RH	-	-	4	-	2	-	-	-	-	-
	68	RH	-	-	1	-	-	-	-	-	-	-
	69	U	-	-	1	-	-	-	RH	1	2.9	-
	70	RH	-	-	1	1	2	-	SH	1	3.3	-
	71	RH	-	-	2	-	-	-	-	-	-	-
		U	-	-	-	-	2	-	-	-	-	-
	72	RH	-	-	-	-	1	-	-	-	-	-
	73	U	-	-	1	-	-	-	-	-	-	-
	74	RH	-	1	-	1	-	-	-	-	-	-
		U	-	-	-	-	1	-	-	-	-	-
	75	RH	-	-	6	-	1	-	-	-	-	-
	76	RH	-	1	11	2	3	-	-	-	-	-
		SH	-	1	2	-	1	-	-	-	-	-
		U	-	-	-	1	-	-	-	-	-	-
	77-78	-	-	-	-	-	-	-	-	-	-	-
	79	RH	1	4	12	4	2	-	-	-	-	-
		SH	-	-	-	1	-	-	-	-	-	-
	80	RH	-	-	5	2	4	-	-	-	-	-
	81	RH	1	-	4	1	1	-	-	-	-	-
		SH	-	-	-	-	1	-	-	-	-	-
		U	-	-	-	1	-	-	-	-	-	-
	82	RH	-	1	1	-	3	1	-	-	-	-
6	1	RH	-	-	-	1	-	-	M	1	18	-
		U	-	-	-	1	-	-	-	-	-	-
	2-3	-	-	-	-	-	-	-	-	-	-	-
	4	RH	-	-	-	1	-	-	-	-	-	-
	5	RH	-	-	1	1	1	-	-	-	-	-
	6	RH	-	-	1	5	2	-	-	-	-	-
		U	-	-	-	1	-	-	-	-	-	-
	7	RH	-	-	2	2	3	-	-	-	-	-
		U	-	-	-	-	2	-	-	-	-	-
	8	-	-	-	-	-	-	-	M	1	6.4	-
	9-10	-	-	-	-	-	-	-	-	-	-	-
	11	-	-	-	-	-	-	-	RH	1	2.1	-
	12	RH	-	-	-	2	-	-	Y	1	11	-
	13	RH	-	-	-	1	1	-	-	-	-	-
		SH	-	-	1	-	-	-	-	-	-	-
	14	-	-	-	-	-	-	-	Y	1	1.9	-
	15	RH	-	-	-	-	2	-	SH	1	3.1	-
	16	RH	-	-	2	1	2	-	RH	2	2.0	1.8-2.3
		SH	-	-	-	1	-	-	-	-	-	-
	17	RH	-	1	-	2	-	-	RH	1	1.6	-
	18	RH	-	1	3	4	-	-	Y	1	7.3	-
		U	-	-	-	3	-	-	RH	1	1.6	-
		-	-	-	-	-	-	-	U	1	2.4	-
	19	RH	-	9	2	8	5	-	RH	1	1.8	-
		SH	-	-	-	-	1	-	SH	1	2.9	-
		CN	-	-	-	1	4	-	U	1	1.7	-
		U	-	3	3	8	1	-	-	-	-	-

Table 16.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Surface

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
6--Cont.	20	RH	2	5	16	7	4	-	SH	6	3.0	-
		SH	-	-	1	3	6	-	-	-	-	-
		CN	-	-	6	7	4	-	-	-	-	-
		U	-	2	4	7	1	-	-	-	-	-
			10 Meters									
1	1-2	-	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	Y	2	2.8	2.4-3.2
	4	-	-	-	-	-	-	-	SH	1	-	-
	5-11	-	-	-	-	-	-	-	-	-	-	-
	12	-	-	-	-	-	-	-	LP	1	70	-
	13-15	-	-	-	-	-	-	-	-	-	-	-
	17	U	-	-	-	1	-	-	-	-	-	-
	18-19	-	-	-	-	-	-	-	-	-	-	-
	20	RH	-	-	1	-	-	-	LA	1	-	-
		U	-	-	3	1	-	-	U	1	-	-
	21	U	-	1	11	5	-	-	-	-	-	-
	22	U	-	-	3	-	-	-	U	1	-	-
	23	U	-	-	1	-	-	-	-	-	-	-
	24	RH	-	-	3	-	-	-	U	1	9.0	-
		U	-	-	3	-	-	-	-	-	-	-
	25	-	-	-	-	-	-	-	U	2	6.5	-
	26	U	-	-	1	-	-	-	SH	1	-	-
	27	-	-	-	-	-	-	-	-	-	-	-
	28	-	-	-	-	-	-	-	SH	1	3.2	-
	29	-	-	-	-	-	-	-	RU	1	32.0	-
	30	-	-	-	-	-	-	-	U	1	5.0	-
	31	-	-	-	-	-	-	-	-	-	-	-
	32	-	-	-	-	-	-	-	U	1	5.0	-
	33-36	-	-	-	-	-	-	-	-	-	-	-
	38	-	-	-	-	-	-	-	U	1	3.0	-
	39-42	-	-	-	-	-	-	-	-	-	-	-
	43	U	-	-	-	3	-	-	SH	1	3.0	-
	44	-	-	-	-	-	-	-	-	-	-	-
	45	U	-	-	1	1	-	-	SH	2	2.7	2.3-3.1
	46-47	-	-	-	-	-	-	-	-	-	-	-
	48	-	-	-	-	-	-	-	Y	1	4.4	-
	49	-	-	-	-	-	-	-	Y	1	3.7	-
	50	-	-	-	-	-	-	-	SH	1	3.7	-
		-	-	-	-	-	-	-	Y	3	4.1	3.6-4.6
	51-67	-	-	-	-	-	-	-	-	-	-	-
	68	RO	-	-	1	-	-	-	-	-	-	-
	69-76	-	-	-	-	-	-	-	-	-	-	-
	77	WF	-	-	-	1	-	-	-	-	-	-
	79-81	-	-	-	-	-	-	-	-	-	-	-
	82	CU	-	-	1	-	-	-	-	-	-	-
	83-91	-	-	-	-	-	-	-	-	-	-	-
	92	-	-	-	-	-	-	-	SH	1	36	-
	93-97	-	-	-	-	-	-	-	-	-	-	-

Table 16.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 76, June 11-24, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	mm.
2	4	-	-	-	-	-	-	-	M	2	6.0	5.4-6.6
	5	-	-	-	-	-	-	-	M	1	6.8	-
	6	-	-	-	-	-	-	-	M	1	6.3	-
	7	-	-	-	-	-	-	-	-	-	-	-
	8	-	-	-	-	-	-	-	M	1	5.9	-
	9	-	-	-	-	-	-	-	-	-	-	-
	10	-	-	-	-	-	-	-	M	1	-	-
	11	-	-	-	-	-	-	-	M	1	7.2	-
	12-21	-	-	-	-	-	-	-	-	-	-	-
	23-24	-	-	-	-	-	-	-	-	-	-	-
	25	-	-	-	-	-	-	-	HE	1	31	-
	26-32	-	-	-	-	-	-	-	-	-	-	-
	33	CU	-	-	1	-	-	-	-	-	-	-
	34-38	-	-	-	-	-	-	-	-	-	-	-
	39	RO	-	-	2	-	-	-	-	-	-	-
	40-60	-	-	-	-	-	-	-	-	-	-	-
	62-64	-	-	-	-	-	-	-	-	-	-	-
	65	-	-	-	-	-	-	-	HE	1	54	-
	66-69	-	-	-	-	-	-	-	-	-	-	-
	70	-	-	-	-	-	-	-	HE	1	23	-
	71-76	-	-	-	-	-	-	-	-	-	-	-
	77	-	-	-	-	-	-	-	HE	4	40	35-45
	78-80	-	-	-	-	-	-	-	-	-	-	-
	81	-	-	-	-	-	-	-	HE	1	44	-
	82	-	-	-	-	-	-	-	HE	1	42	-
	83-92	-	-	-	-	-	-	-	-	-	-	-
	93	WF	-	-	2	-	-	-	-	-	-	-
	94-100	-	-	-	-	-	-	-	-	-	-	-
3	1	-	-	-	-	-	-	-	M	1	6.7	-
	2-11	-	-	-	-	-	-	-	-	-	-	-
	12	CU	-	-	-	1	-	-	-	-	-	-
	13	-	-	-	-	-	-	-	-	-	-	-
	14	-	-	-	-	-	-	-	CU	1	-	-
	15	-	-	-	-	-	-	-	-	-	-	-
	16	RO	-	-	1	-	-	-	-	-	-	-
	17-27	-	-	-	-	-	-	-	-	-	-	-
	28	H	-	-	-	1	-	-	-	-	-	-
	29	-	-	-	-	-	-	-	M	1	-	-
	30-39	-	-	-	-	-	-	-	-	-	-	-
	41-57	-	-	-	-	-	-	-	-	-	-	-
	58	-	-	-	-	-	-	-	H	1	33	-
		-	-	-	-	-	-	-	Y	1	5.1	-
	59-76	-	-	-	-	-	-	-	-	-	-	-
	77	-	-	-	-	-	-	-	RH	1	4.1	-
	78-83	-	-	-	-	-	-	-	-	-	-	-
	84	-	-	-	-	-	-	-	G	1	-	-
	85	-	-	-	-	-	-	-	G	2	2.3	2.0-2.5
	86-88	-	-	-	-	-	-	-	-	-	-	-
	89	-	-	-	-	-	-	-	RH	1	2.8	-
	90-92	-	-	-	-	-	-	-	-	-	-	-
	93	-	-	-	-	-	-	-	RH	1	-	-

Table 16.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 76, June 11-24, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	*mm.*
3--Cont.	94	SH	-	-	-	2	-	-	CU	1	6.2	-
		WF	-	-	-	1	-	-	RH	2	3.3	-
		RO	-	-	-	-	-	1	-	-	-	-
4	1	-	-	-	-	-	-	-	Y	1	20	-
	2-13	-	-	-	-	-	-	-	-	-	-	-
	14	-	-	-	-	-	-	-	M	2	9.5	9.0-10.0
	15	-	-	-	-	-	-	-	-	-	-	-
	16	-	-	-	-	-	-	-	M	2	9.5	9.0-10.0
	17	-	-	-	-	-	-	-	R	1	7.0	-
	18	-	-	-	-	-	-	-	-	-	-	-
	19	RO	-	-	1	-	-	-	H	1	12.4	-
	20	-	-	-	-	-	-	-	Y	1	5.5	-
	22-23	-	-	-	-	-	-	-	-	-	-	-
	24	-	-	-	-	-	-	-	H	1	40	-
	25	-	-	-	-	-	-	-	-	-	-	-
	26	-	-	-	-	-	-	-	U	1	15	-
	27-39	-	-	-	-	-	-	-	-	-	-	-
	41-46	-	-	-	-	-	-	-	-	-	-	-
	47	-	-	-	-	-	-	-	U	1	-	-
	48-50	-	-	-	-	-	-	-	-	-	-	-
	51	-	-	-	-	-	-	-	Y	2	5.6	-
	52	-	-	-	-	-	-	-	-	-	-	-
	53	-	-	-	-	-	-	-	Y	3	4.4	4.0-4.8
	54	-	-	-	-	-	-	-	Y	1	5.5	-
	55	-	-	-	-	-	-	-	Y	3	4.3	3.3-5.5
	56	-	-	-	-	-	-	-	Y	1	5.5	-
	57	-	-	-	-	-	-	-	Y	1	4.4	-
	58	-	-	-	-	-	-	-	Y	1	12	-
	60	-	-	-	-	-	-	-	-	-	-	-
	61	-	-	-	-	-	-	-	Y	1	15	-
	62-78	-	-	-	-	-	-	-	-	-	-	-
	79	WF	-	-	-	1	-	-	WF	1	6.2	-
	80-87	-	-	-	-	-	-	-	-	-	-	-
	88	CN	-	-	-	1	-	-	Y	1	10	-
	89	-	-	-	-	-	-	-	U	1	7.0	-
	90-91	-	-	-	-	-	-	-	-	-	-	-
	92	-	-	-	-	-	-	-	U	1	7.0	-
	93-99	-	-	-	-	-	-	-	-	-	-	-
	100	H	1	-	-	-	-	-	CN	1	15	-
5	1	-	-	-	-	-	-	-	-	-	-	-
	2	CN	-	-	1	-	-	-	-	-	-	-
	3-4	-	-	-	-	-	-	-	-	-	-	-
	5	-	-	-	-	-	-	-	SH	1	10.5	-
	6	-	-	-	-	-	-	-	SH	1	-	-
	7	-	-	-	-	-	-	-	SH	1	3.0	-
	8	-	-	-	-	-	-	-	SH	10	2.6	2.2-3.5
		-	-	-	-	-	-	-	RO	1	2.7	-
		-	-	-	-	-	-	-	G	1	2.6	-
	9	-	-	-	-	-	-	-	-	-	-	-
	10	-	-	-	-	-	-	-	U	1	-	-
	11	-	-	-	-	-	-	-	-	-	-	-

Table 16.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 76, June 11-24, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	mm.
5-- Cont.	12	-	-	-	-	-	-	-	Y	1	-	-
	13-15	-	-	-	-	-	-	-	-	-	-	-
	16	-	-	-	-	-	-	-	SH	2	3.3	3.2-3.5
	17	-	-	-	-	-	-	-	SH	4	3.4	2.9-4.0
	18	-	-	-	-	-	-	-	SH	10	3.9	2.8-6.4
	19	RH	-	-	-	-	3	-	SH	17	4.8	2.1-9.6
	21	-	-	-	-	-	-	-	SH	3	3.9	3.0-5.0
	22	-	-	-	-	-	-	-	SH	1	6.4	-
	23	-	-	-	-	-	-	-	SH	6	-	-
	24	-	-	-	-	-	-	-	SH	1	-	-
	25	U	-	-	1	-	-	-	U	2	-	-
	26	-	-	-	-	-	-	-	U	2	-	-
	27	RH	-	-	-	-	1	-	U	1	7.0	-
	28	-	-	-	-	-	-	-	SH	2	4.0	3.0-5.0
		-	-	-	-	-	-	-	Y	1	7.1	-
	29	-	-	-	-	-	-	-	SH	1	-	-
	30	-	-	-	-	-	-	-	-	-	-	-
	31	-	-	-	-	-	-	-	SH	2	6.6	4.0-9.2
	32	-	-	-	-	-	-	-	-	-	-	-
	33	-	-	-	-	-	-	-	U	1	-	-
	34	-	-	-	-	-	-	-	U	2	-	-
	35	-	-	-	-	-	-	-	-	-	-	-
	36	-	-	-	-	-	-	-	SH	17	-	-
	37	-	-	-	-	-	-	-	U	3	-	-
	38	-	-	-	-	-	-	-	SH	3	5.5	5.3-5.9
		-	-	-	-	-	-	-	RH	1	4.0	-
	40	U	-	-	-	1	-	-	RH	1	3.0	-
	41	-	-	-	-	-	-	-	SH	1	5.0	-
	42	-	-	-	-	-	-	-	SH	2	-	-
	43-51	-	-	-	-	-	-	-	-	-	-	-
	52	-	-	-	-	-	-	-	S	1	2.2	-
	53	-	-	-	-	-	-	-	U	1	-	-
	54	-	-	-	-	-	-	-	U	1	5.0	-
	55	-	-	-	-	-	-	-	SH	1	6.6	-
		-	-	-	-	-	-	-	RO	1	1.6	-
	56	-	-	-	-	-	-	-	-	-	-	-
	57	-	-	-	-	-	-	-	SH	1	-	-
	58	-	-	-	-	-	-	-	U	1	-	-
	59	-	-	-	-	-	-	-	-	-	-	-
	60	-	-	-	-	-	-	-	-	-	-	-
	61	-	-	-	-	-	-	-	SH	1	-	-
		-	-	-	-	-	-	-	U	1	2.6	-
	62	-	-	-	-	-	-	-	RH	1	2.6	-
		-	-	-	-	-	-	-	U	2	3.0	-
	63	-	-	-	-	-	-	-	RH	2	1.9	-
	64	U	-	-	-	1	-	-	-	-	-	-
	65	-	-	-	-	-	-	-	SH	2	3.6	3.5-3.7
	66	-	-	-	-	-	-	-	RH	2	2.9	-
	67-69	-	-	-	-	-	-	-	-	-	-	-
	70	-	-	-	-	-	-	-	SH	1	3.7	-
		-	-	-	-	-	-	-	RH	1	1.9	-
	71	RH	-	-	-	-	1	-	RH	4	2.3	2.2-2.4

Table 16.--Stages and sizes of fish eggs and larvae taken with the Hardy Plankton Recorder on *Albatross III* cruise no. 76, June 11-24, 1956--Continued

10 Meters

Loading number	Gauze section	Species	Number of eggs in indicated stage						Larvae			
			I	II	III	IV	V	VI	Species	Number	Length	Range
											mm.	mm.
5--Cont.	72	-	-	-	-	-	-	-	-	-	-	-
	73	U	-	1	1	-	-	-	RH	2	2.0	1.6-2.5
	74	-	-	-	-	-	-	-	RH	6	-	-
		-	-	-	-	-	-	-	S	1	2.2	-
	75	U	-	-	1	1	-	-	RH	10	-	-
	76	-	-	-	-	-	-	-	SH	1	2.0	-
		-	-	-	-	-	-	-	RH	1	-	-
		-	-	-	-	-	-	-	S	3	2.0	-
		-	-	-	-	-	-	-	U	1	2.0	-
6	78	-	-	-	-	-	-	-	-	-	-	-
	79	-	-	-	-	-	-	-	G	1	10.5	-
	80	-	-	-	-	-	-	-	-	-	-	-
	81	-	-	-	-	-	-	-	U	1	-	-
	82	SH	-	-	-	1	-	-	-	-	-	-
		RH	-	-	-	-	1	-	-	-	-	-
		U	-	-	-	-	1	-	-	-	-	-
	83-84	-	-	-	-	-	-	-	-	-	-	-
	85	-	-	-	-	-	-	-	SH	1	4.4	-
		-	-	-	-	-	-	-	RH	1	2.4	-
		-	-	-	-	-	-	-	S	2	3.2	2.9-3.6
	86	-	-	-	-	-	-	-	RH	1	2.6	-
	87	-	-	-	-	-	-	-	-	-	-	-
	88	CN	-	-	-	1	-	-	SH	1	-	-
	89	-	-	-	-	-	-	-	S	1	2.1	-
	90	-	-	-	-	-	-	-	RH	1	-	-
		-	-	-	-	-	-	-	S	1	2.2	-
	91-92	-	-	-	-	-	-	-	-	-	-	-
	93	-	-	-	-	-	-	-	RH	1	-	-
	94	-	-	-	-	-	-	-	S	3	-	-
	95	-	-	-	-	-	-	-	SH	1	2.2	-
	96	CN	-	-	-	1	-	-	-	-	-	-
		SH	-	-	1	1	-	-	-	-	-	-
	97	U	-	-	2	-	2	-	S	2	3.2	3.1-3.3
	98	RH	-	-	3	1	1	-	S	1	-	-

Table 17. --Gauze section data on Hardy Plankton Recorders towed at surface and 10 meters, *Albatross III* cruise no. 71, February 20-March 2, 1956

Loading number	Gauze section		Number of sections exposed	Distance travelled	Section equivalent	Conversion factor for no./5 mi.
	Start	Finish				
Surface						
				Miles		
1	1	36	36	187.0	5.19	0.96
	37	66	30	160.0	5.33	0.94
	67	82	16	110.0	6.88	0.73
2	1	24	24	153.0	6.38	0.78
	25	44	20	119.5	5.98	0.84
	45	63	19	122.0	6.42	0.78
	64	84	21	128.5	6.12	0.82
3	2	30	29	171.0	5.90	0.85
	34	45	12	107.5	8.96	0.56
	47	57	11	98.0	8.91	0.56
	59	63	5	40.0	8.00	0.62
4	1	28	28	180.0	6.43	0.78
	30	60	31	173.0	5.58	0.90
10 Meters						
1	2	26	25	187.0	7.48	0.67
	27	49	23	160.0	6.96	0.72
	50	63	14	110.0	7.86	0.64
2	1	26	26	119.5	4.60	1.09
	27	51	25	122.0	4.88	1.02
	52	77	26	128.5	4.94	1.01
3	1	35	35	171.0	4.89	1.02
	39	58	20	107.5	5.38	0.93
	60	79	20	98.0	4.90	1.02
	81	87	7	40.0	5.71	0.88
4	1	32	32	180.0	5.63	0.89
	34	66	33	173.0	5.24	0.95

Table 18. --Gauze section data on Hardy Plankton Recorders towed at surface and 10 meters, *Albatross III* cruise no. 72, March 21-31, 1956

Loading number	Gauze section		Number of sections exposed	Distance travelled	Section equivalent	Conversion factor for no./5 mi.
	Start	Finish				
Surface						
				Miles		
1	1	21	21	108.0	5.14	0.97
	23	41	19	98.5	5.18	0.96
	43	59	17	98.0	5.76	0.87
	61	85	25	153.0	6.12	0.82
2	1	34	34	197.0	5.79	0.86
	36	56	21	126.5	6.02	0.83
	61	86	26	155.0	5.96	0.84
3	1	27	27	133.0	4.93	1.01
	29	64	36	210.5	5.85	0.85
	65	92	28	153.0	5.46	0.92
4	1	21	21	119.0	5.67	0.88
	23	59	37	210.0	5.68	0.88
	61	78	18	101.5	5.64	0.89
5	73*	89	17	99.0	5.82	0.86
10 Meters						
1	1	12	12	108.0	9.00	0.56
	15	24	10	98.5	9.85	0.51
	26	42	17	98.0	5.76	0.87
	45	72	28	153.0	5.46	0.92
2	4	34	31	197.0	6.35	0.79
	36	55	20	126.5	6.32	0.79
	62	87	26	155.0	5.96	0.84
3	1	24	24	133.0	5.54	0.90
	27	59	33	210.5	6.38	0.78
	62	88	27	153.0	5.67	0.88
4	1	18	18	119.0	6.61	0.76
	21	56	36	210.0	5.83	0.86
	59	76	18	99.0	5.50	0.91
5	77	90	14	96.5	6.89	0.72

* Unexposed portion of gauze left from a short run

Table 19. --Gauze section data on Hardy Plankton Recorders towed at surface and 10 meters, *Albatross III* cruise no. 73, April 17-28, 1956

Loading number	Gauze section		Number of sections exposed	Distance travelled	Section equivalent	Conversion factor for no./5 mi.
	Start	Finish				
Surface						
				Miles		
1	1	21	21	127.0	6.05	0.83
	24	45	22	112.0	5.09	0.98
	47	68	22	116.0	5.27	0.95
	70	90	21	120.0	5.71	0.88
2	1	20	20	109.0	5.45	0.92
	22	42	21	120.0	5.71	0.88
	44	64	21	117.0	5.57	0.90
	66	86	21	121.5	5.78	0.86
3	1	18	18	100.0	5.56	0.90
	20	38	19	102.0	5.37	0.93
	40	59	20	114.0	5.70	0.88
	62	82	21	118.0	5.62	0.89
4	1	26	26	145.0	5.58	0.90
	28	45	18	117.0	6.50	0.77
	52	71	20	114.0	5.70	0.88
	74	92	19	115.0	6.05	0.83
5	7	23	17	117.5	6.91	0.72
	25	60	36	216.5	6.01	0.83
	62	81	20	117.0	5.85	0.85
	83	100	18	117.0	6.50	0.77
10 Meters						
1	1	21	21	127.0	6.05	0.83
	25	43	19	112.0	5.89	0.85
	46	66	21	116.0	5.52	0.91
	69	87	19	120.0	6.32	0.79
2	1	20	20	109.0	5.45	0.92
	22	43	22	120.0	5.45	0.92
	45	65	21	117.0	5.57	0.90
	67	88	22	121.5	5.52	0.91
3	1	18	18	100.0	5.56	0.90
	20	39	20	102.0	5.10	0.98
	41	62	22	114.0	5.18	0.97
	65	85	21	118.0	5.62	0.89
4	1	25	25	145.0	5.85	0.85
	27	46	20	117.0	5.85	0.85
	48	66	19	114.0	6.00	0.83
	69	89	21	115.0	5.48	0.91
5	1	20	20	117.5	5.88	0.85
	22	61	40	216.5	5.41	0.92
	64	82	19	117.0	6.16	0.81
	84	100	17	117.0	6.88	0.73

Table 20. --Gauze section data on Hardy Plankton Recorders towed at surface and 10 meters, *Albatross III* cruise no. 75, May 16-29, 1956

Loading number	Gauze section		Number of sections exposed	Distance travelled	Section equivalent	Conversion factor for no./5 mi.
	Start	Finish				
			Surface			
				Miles		
1	1	20	20	116.0	5.80	0.86
	22	40	19	103.0	5.42	0.92
	42	61	20	113.0	5.65	0.88
	65	83	19	118.0	6.21	0.81
2	1	19	19	112.0	5.89	0.85
	22	41	20	111.0	5.55	0.90
	43	76	34	234.0	6.88	0.73
	78	95	18	117.5	6.53	0.77
3	1	19	19	114.0	6.00	0.83
	22	40	19	115.0	6.05	0.83
	42	59	18	117.5	6.53	0.76
	62	80	19	123.5	6.50	0.77
4	1	20	20	112.0	5.60	0.89
	23	63	41	222.0	5.41	0.92
	65	85	21	116.5	5.55	0.90
5	1	21	21	109.0	5.19	0.96
	23	44	22	117.0	5.32	0.94
	45	66	22	109.0	4.95	1.01
	68	88	21	115.0	5.48	0.91
	90	102	12	78.0	6.50	0.77
6	100*	71	30	151.0	5.03	0.99
	67	44	24	145.5	6.06	0.83
	42	26	16	95.5	5.97	0.84

Table 20. --Gauze section data on Hardy Plankton Recorders towed at surface and 10 meters, *Albatross III* cruise no. 75, May 16-29, 1956--Continued

Loading number	Gauze section		Number of sections exposed	Distance travelled	Section equivalent	Conversion factor for no./5 mi.
	Start	Finish				
			10 Meters			
				Miles		
1	1	20	20	116.0	5.80	0.86
	22	40	19	103.0	5.42	0.92
	42	60	19	113.0	5.95	0.84
	62	82	21	118.0	5.62	0.89
2	1	19	19	112.0	5.89	0.85
	22	41	20	111.0	5.55	0.90
	43	78	36	236.5	6.57	0.76
	79	96	18	120.0	6.67	0.75
3	1	21	21	114.0	5.43	0.92
	23	42	20	115.0	5.75	0.87
	43	62	20	117.5	5.88	0.85
	64	81	18	123.5	6.86	0.73
4	1	20	20	112.0	5.60	0.89
	23	61	39	222.0	5.69	0.88
	64	82	19	116.5	6.13	0.82
5	1	21	21	109.0	5.19	0.96
	23	42	20	117.0	5.85	0.85
	44	65	22	109.0	4.95	1.01
	67	85	19	115.0	6.05	0.83
	87	99	13	78.0	6.00	0.83
6	1	26	26	151.0	5.81	0.86
	29	57	29	145.5	5.02	1.00
	59	77	19	95.5	5.03	0.99

* Gauze wound on spool backwards

Table 21. --Gauze section data on Hardy Plankton Recorders towed at surface and 10 meters, *Albatross III* cruise no. 76, June 11-24, 1956

Loading number	Gauze section		Number of sections exposed	Distance travelled	Section equivalent	Conversion factor for no./5 mi.
	Start	Finish				
Surface						
				Miles		
1	1	16	16	93.0	5.81	0.86
	18	35	18	114.0	6.33	0.79
	37	56	20	109.0	5.45	0.92
	58	77	20	123.0	6.15	0.81
	79	95	17	121.5	7.15	0.70
2	1	20	20	109.5	5.48	0.91
	21	39	19	116.5	6.13	0.82
	41	60	20	111.0	5.55	0.90
	61	76	16	101.5	6.34	0.79
	78	95	18	113.5	6.31	0.79
3	1	17	17	112.0	6.59	0.76
	19	33	15	123.0	8.20	0.61
	35	52	18	108.0	6.00	0.83
	54	72	19	122.0	6.42	0.78
	74	86	13	83.5	6.42	0.78
4	1	19	19	117.0	6.16	0.81
	21	37	17	121.0	7.11	0.70
	39	55	17	120.0	7.06	0.71
	57	73	17	116.0	6.82	0.73
	76	92	17	114.0	6.70	0.75
5	1	18	18	107.5	5.97	0.84
	21	38	18	115.0	6.39	0.78
	42	59	18	102.5	5.69	0.88
	64	82	19	119.5	6.29	0.79
6	1	20	20	129.5	6.48	0.77

Table 21. --Gauze section data on Hardy Plankton Recorders towed at surface and 10 meters, *Albatross III* cruise no. 76, June 11-24, 1956--Continued

Loading number	Gauze section		Number of sections exposed	Distance travelled	Section equivalent	Conversion factor for no./5 mi.
	Start	Finish				
			10 Meters			
				Miles		
1	1	15	15	93.0	6.20	0.81
	17	36	20	114.0	5.70	0.88
	38	57	20	109.0	5.45	0.92
	58	77	20	123.0	6.15	0.81
	79	97	19	121.5	6.39	0.78
2	100*	81	20	109.5	5.48	0.91
	80	62	19	116.5	6.13	0.82
	60	42	19	111.0	5.84	0.86
	41	23	19	107.5	5.66	0.88
	21	4	18	113.5	6.31	0.79
3	1	19	19	112.5	5.92	0.84
	20	39	20	123.0	6.15	0.81
	41	59	19	108.0	5.68	0.88
	60	79	20	122.0	6.10	0.82
	80	94	15	83.5	5.57	0.90
4	1	20	20	114.5	5.73	0.87
	22	39	18	118.5	6.58	0.76
	41	58	18	120.0	6.67	0.75
	60	80	21	116.0	5.52	0.91
	81	100	20	114.0	5.70	0.88
5	1	19	19	107.5	5.66	0,88
	21	38	18	115.0	6.39	0.78
	40	58	19	102.5	5.39	0.93
	59	76	18	117.0	6.50	0.77
6	78	98	20	127.0	6.35	0.79

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* Gauze wound on spool backwards.