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FINE-MESH (0.165 mm) ZOOPLANKTON ON GEORGES BANK BETWEEN SEPTEMBER 1974 and FEBRUARY 1979

DATA REPORT*

by

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☐ APPROVED FOR DISTRIBUTION

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Introduction

This report presents the fine-mesh (0.165 mm) data base collected as part of an NEFC investigation into the processes controlling zooplankton abundance on Georges Bank (Davis, 1982). Sampling, subsampling, and sorting methods are described. The basic data set is presented in tabular form and is also contained on a computer disc file. A listing and description of the computer data file and programs for data manipulation are given.

A total of 231 fine-mesh (0.165 mm) samples were sorted in order to determine the spatial distributions and seasonal cycles of dominant zooplankton species on Georges Bank (Davis, 1982). Stations were also sorted to compare water column zooplankton with larval herring gut contents (Cohen, 1980). Samples were collected by ICNAF Larval Herring Survey cruises between 1974 and 1979 (Lough et al., 1980).

Spatial patterns were determined from cruises during December, 1974, February, 1975, and February, 1979. The grid of stations sampled during each cruise covered Georges Bank and adjacent waters except in 1979 when the cruise ended early due to foul weather (Figure 1).

Seasonal cycles were determined from fine mesh samples collected on a series of 18 ICNAF LHS cruises between September, 1974 and February, 1977. On each cruise, samples were collected over a large grid of stations covering Georges Bank and adjacent waters. A transect of stations along the main axis of the bank were selected for analysis as this region is less influenced by adjacent water masses and therefore most representative of Georges Bank populations (Figure 2, Table 1). Additional stations were sorted on Nantucket Shoals and the Great South Channel to extend the Georges Bank transect over these areas (Figure 2).

Figure 1. Station locations used in determining spatial patterns of dominant species. Cruise tracks of: A. Albatross IV 74-13 (December 1974); B. Albatross IV 75-02 (February 1975); and C. Mt. Mitchell 79-02 (February 1979). Stations analyzed in present study are enclosed by dark boarder.

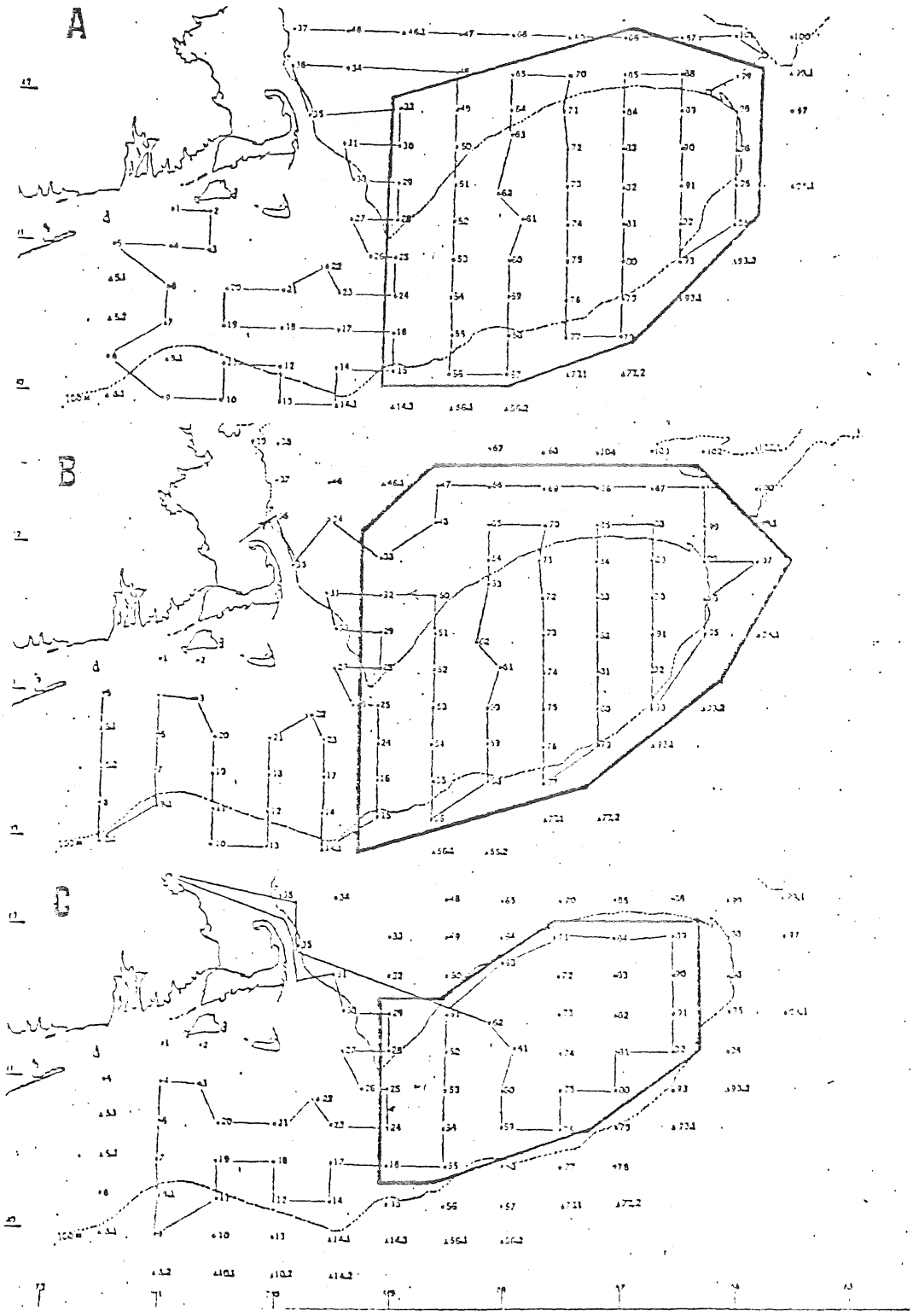

FIGURE 1

Figure 2. Stations locations of 18 ICNAF cruises (A-R). Cruise dates given in Table 1.

● Georges Bank transect used in determining seasonal cycles of dominant species

■ Extension of Georges Bank transect to include Nantucket Shoals

▲ Stations used for comparison of water column zooplankton with larval herring gut contents.

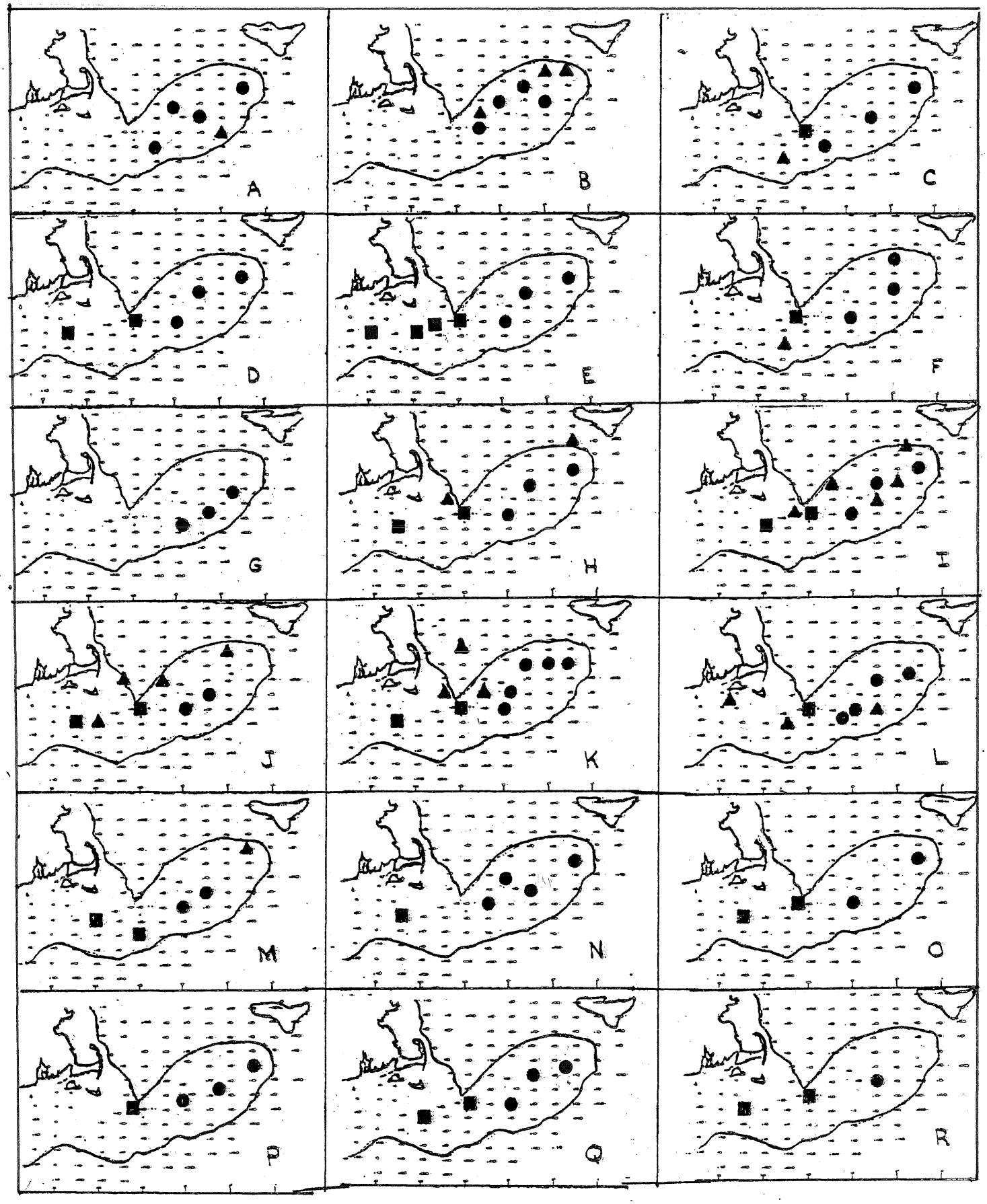

FIGURE 2

Table 1. Chronology of ICNAF cruises (A-R, Figure 1) from which zooplankton seasonal cycles were found.

TABLE 1

	CRUISE	YEAR	MONTH
A	CRYOS 74-04	1974	September
B	WIECZNO 74-01		October
C	ANTON DOHRN 74-01		November
D	ALBATROSS IV 74-13		December
E	ALBATROSS IV 75-02		February
F	ALBATROSS IV 75-05	1975	May
G	ALBATROSS IV 75-07		July
H	BELEGORSK 75-02		September
I	BELEGORSK 75-03		October
J	ANTON DOHRN 75-187		November
K	ALBATROSS IV 75-14		December
L	ALBATROSS IV 76-01	1976	February
M	ERNST HAECKEL 76-01		March
N	WIECZNO 76-01		April
O	WIECZNO 76-03		October
P	ANTON DOHRN 76-02		November
Q	RESEARCHER 76-01		December
R	MT. MITCHELL	1977	February

Methods

Sample collection. The standard ICNAF LHS plankton sampling procedures were used as follows: two pairs of bongo nets (60 cm and 20 cm) were towed in tandem (1 m apart) weighted with a "V" fin depressor (100 kg) at a ships speed of 3.5 knots in a double oblique fashion to within 5 m of the bottom or a maximum of 100 m. Four mesh sizes were used on each tow, (0.505, 0.333, 0.165, and 0.053 or 0.253 mm) with the two coarsest nets attached to the large bongo pair. Flow meters were affixed to net mouths and a time/depth recorder was attached on the wire between the bongo pairs. Captured zooplankton were preserved and stored in 5% buffered formalin.

Subsampling. Samples were strained through a nitex sieve and rinsed with tap water to remove formalin. A Folsom splitter fitted with an air manifold for uniform mixing was used for subsampling (McEwen et al., 1955; Longhurst and Seibert, 1967). Subsample size varied from 1/8 to 1/512 of the original sample so as to achieve a final aliquot containing not fewer than 300 animals. The entire subsampling procedure was found from replicate runs to have a coefficient of variation of 15% at a subsampling size of 1/128 of the original sample.

The subsampled aliquot was strained through a small nitex sieve (3 cm diameter, mesh 0.053 mm), rinsed with tap water into a crystalizing dish (5 cm diameter) and sorted under a dissecting scope (Wild model) at magnifications of 12 to 50X.

Sorting. Zooplankton were sorted into each of 52 taxonomic groups (Table 2). Only the copepod *Pseudocalanus* sp. was sorted to life stage. Copepod species were separated from each other only to first stage copepodite so that the nauplii of all species were counted together in a single group. Since the two species of *Centropages* are morphologically indistinguishable below copepodid stage C3 (Lawson and Grice, 1970), these stages were counted as C1-C3 *Centropages*.

During sample analysis, it was found that *Pseudocalanus* sp. C1 (copepodid stage 1) fitted lengthwise through the openings of 0.165 mm Nitex netting. In order to determine the actual degree of extrusion from the 0.165 mm mesh net, seven 0.053 mm mesh net samples were sorted and compared to the 0.165 mm catch. These samples were collected during February 1975 on Georges Bank, cruise ALBATROSS IV 75-02. A paired "t" test showed no significant difference between mesh sizes in numbers of *Pseudocalanus* sp. C1 captured. Although copepods any smaller than this (prosome length of C1 = 0.42 mm) are likely to be greatly undersampled.

Initially, processing time per sample was fairly long (about two days) because the subsampling procedure and faunal groups were unfamiliar and sorting had to be done at higher magnifications (25 and 50X). After a few months, however, the different taxa could be distinguished at 12X and sample processing became much faster (3 hours).

Fine mesh data. The fine-mesh data set as it occurs on computer file is presented in Tables 6-242. Each table gives data for a single station. Tables are grouped according to cruise and cruises are arranged in chronological order.

Table 2. Taxonomic groups of zooplankton found on Georges Bank and used in analyzing samples

Taxonomic Groupings of Georges Bank Zooplankton

- CNIDARIA
  - Siphonophora
- MOLLUSCA
  - Bivalvia: larvae
  - Gastropoda
- ANNELIDA
  - Polychaeta: larvae
- ARTHROPODA
  - Amphipoda
  - Cirripedia: nauplii
  - Cladocera
  - Copepoda: (copepodids)
    - Calanoida
      - *Acartia* spp.
      - *Calanus finmarchicus*
      - *Candacia* sp.
      - *Centropages* spp.: copepodids 1-3
      - *Centropages hamatus*: copepodids 4-6
      - *Centropages typicus*: copepodids 4-6
      - *Clausocalanus* sp.
      - *Euchaeta* sp.
      - *Eurytemora* sp.
      - *Labidocera* sp.
      - *Mecynocera clausii*
      - *Metridia* spp.
      - *Microcalanus* sp.
      - *Paracalanus crassirostrus*
      - *Paracalanus parvus*
      - *Pleuromamma* sp.
      - *Pseudocalanus* sp.
        - Copepodid 1
        - Copepodid 2
        - Copepodid 3
        - Copepodid 4: male
        - Copepodid 4: female
        - Copepodid 5: male
        - Copepodid 6: female
      - *Temora* sp.
    - Cyclopoida
      - *Oithonia similis*
      - Other
    - Harpacticoida
      - *Alteutha* sp.
      - Other
  - Copepoda: (nauplii)
  - Decapoda: larvae
    - Euphausia
    - Isopoda
    - Mysidacea
    - Ostracoda
- CHAETOGNATHA
- CHORDATA
  - Appendicularia
  - Fish eggs
  - Fish larvae

A listing of cruises and stations as they are arranged is given in Table 3. For reference, a chart showing station locations is included at the beginning of each cruise data set (Figures 3-23).

The entire fine-mesh data set is contained on a computer disc data file named CDFM2. This file is contained in replicate on computer discs labeled CDavis and CD2, and is accessible with the HP85 microprocessor in the Recruitment Processes Investigation (Greg Lough, Woods Hole Laboratory). The file contains 239 records, the first record is the current number of records on the file (i.e., 239). The remaining 238 records correspond exactly to the stations shown in Tables 6-242. The record number associated with each station is shown in Table 3. Each station record (2-239) contains 71 items. The first item is the alphanumeric cruise name (Table 3). The remaining 70 items are numerical data corresponding to the 70 data elements for each station (Table 4).

In addition to the data file itself, several programs for data manipulation and plotting are also contained on the computer discs CD2 and CDavis. The file names associated with each program are listed in Table 5. A brief description of each program is given in the program listings.

Table 3. List of cruises and stations as they are presented in Tables 6-244 and as they are arranged on computer disc in file "CDFM2." File record number and mesh size corresponding to each sample are also given. Cruise names are given as the alphanumeric strings on the data file. Record numbers 76-79 are replicate counts of station 25 ALBATROSS IV 75-02 for determination of subsampling variability. Records #190-191 are also replicate counts. Record #182 has no data.

TABLE 3

RECORD NUMBER	CRUISE	STATION	GEAR
2	CRYOS 74-04	54	165
3	CRYOS 74-04	62	165
4	CRYOS 74-04	74	165
5	CRYOS 74-04	80	165
6	CRYOS 74-04	90	165
7	WIECZNO 74-01	52	165
8	WIECZNO 74-01	53	165
9	WIECZNO 74-01	62	165
10	WIECZNO 74-01	72	165
11	WIECZNO 74-01	82	165
12	WIECZNO 74-01	84	165
13	WIECZNO 74-01	89	165
14	ANTON DOHRN 74-01	17	165
15	ANTON DOHRN 74-01	25	165
16	ANTON DOHRN 74-01	54	165
17	ANTON DOHRN 74-01	74	165
18	ANTON DOHRN 74-01	90	165
19	ALBATROSS IV 74-13	15	165
20	ALBATROSS IV 74-13	16	165
21	ALBATROSS IV 74-13	17	165
22	ALBATROSS IV 74-13	20	165
23	ALBATROSS IV 74-13	24	165
24	ALBATROSS IV 74-13	25	165
25	ALBATROSS IV 74-13	28	165
26	ALBATROSS IV 74-13	29	165
27	ALBATROSS IV 74-13	32	165
28	ALBATROSS IV 74-13	33	165
29	ALBATROSS IV 74-13	49	165
30	ALBATROSS IV 74-13	50	165
31	ALBATROSS IV 74-13	51	165
32	ALBATROSS IV 74-13	52	165
33	ALBATROSS IV 74-13	53	165
34	ALBATROSS IV 74-13	54	165
35	ALBATROSS IV 74-13	55	165
36	ALBATROSS IV 74-13	56	165
37	ALBATROSS IV 74-13	59	165
38	ALBATROSS IV 74-13	60	165
39	ALBATROSS IV 74-13	61	165
40	ALBATROSS IV 74-13	62	165
41	ALBATROSS IV 74-13	63	165
42	ALBATROSS IV 74-13	64	165
43	ALBATROSS IV 74-13	65	165
44	ALBATROSS IV 74-13	70	165
45	ALBATROSS IV 74-13	71	165

TABLE 3 (Continued)

RECORD NUMBER	CRUISE	STATION	GEAR
46	ALBATROSS IV 74-13	72	165
47	ALBATROSS IV 74-13	73	165
48	ALBATROSS IV 74-13	74	165
49	ALBATROSS IV 74-13	75	165
50	ALBATROSS IV 74-13	76	165
51	ALBATROSS IV 74-13	77	165
52	ALBATROSS IV 74-13	79	165
53	ALBATROSS IV 74-13	80	165
54	ALBATROSS IV 74-13	81	165
55	ALBATROSS IV 74-13	82	165
56	ALBATROSS IV 74-13	83	165
57	ALBATROSS IV 74-13	84	165
58	ALBATROSS IV 74-13	85	165
59	ALBATROSS IV 74-13	86	165
60	ALBATROSS IV 74-13	88	165
61	ALBATROSS IV 74-13	89	165
62	ALBATROSS IV 74-13	90	165
63	ALBATROSS IV 74-13	92	165
64	ALBATROSS IV 74-13	92	165
65	ALBATROSS IV 74-13	93	165
66	ALBATROSS IV 74-13	94	165
67	ALBATROSS IV 74-13	95	165
68	ALBATROSS IV 74-13	96	165
69	ALBATROSS IV 74-13	99	165
70	ALBATROSS IV 75-02	6	165
71	ALBATROSS IV 75-02	15	165
72	ALBATROSS IV 75-02	16	165
73	ALBATROSS IV 75-02	21	165
74	ALBATROSS IV 75-02	22	165
75	ALBATROSS IV 75-02	24	165
76	ALBATROSS IV 75-02	25	165
77	ALBATROSS IV 75-02	125	165
78	ALBATROSS IV 75-02	225	165
79	ALBATROSS IV 75-02	325	165
80	ALBATROSS IV 75-02	28	165
81	ALBATROSS IV 75-02	29	165
82	ALBATROSS IV 75-02	32	165
83	ALBATROSS IV 75-02	33	165
84	ALBATROSS IV 75-02	47	165
85	ALBATROSS IV 75-02	48	165
86	ALBATROSS IV 75-02	50	165
87	ALBATROSS IV 75-02	51	165
88	ALBATROSS IV 75-02	52	165
89	ALBATROSS IV 75-02	53	165
90	ALBATROSS IV 75-02	54	165
91	ALBATROSS IV 75-02	55	165
92	ALBATROSS IV 75-02	56	165
93	ALBATROSS IV 75-02	58	165
94	ALBATROSS IV 75-02	59	165
95	ALBATROSS IV 75-02	60	165

TABLE 3 (Continued)

RECORD NUMBER	CRUISE	STATION	GEAR
96	ALBATROSS IV 75-02	61	165
97	ALBATROSS IV 75-02	62	165
98	ALBATROSS IV 75-02	63	165
99	ALBATROSS IV 75-02	64	165
100	ALBATROSS IV 75-02	65	165
101	ALBATROSS IV 75-02	66	165
102	ALBATROSS IV 75-02	69	165
103	ALBATROSS IV 75-02	70	165
104	ALBATROSS IV 75-02	71	165
105	ALBATROSS IV 75-02	72	165
106	ALBATROSS IV 75-02	73	165
107	ALBATROSS IV 75-02	74	165
108	ALBATROSS IV 75-02	75	165
109	ALBATROSS IV 75-02	76	165
110	ALBATROSS IV 75-02	77	165
111	ALBATROSS IV 75-02	79	165
112	ALBATROSS IV 75-02	80	165
113	ALBATROSS IV 75-02	81	165
114	ALBATROSS IV 75-02	82	165
115	ALBATROSS IV 75-02	83	165
116	ALBATROSS IV 75-02	84	165
117	ALBATROSS IV 75-02	85	165
118	ALBATROSS IV 75-02	86	165
119	ALBATROSS IV 75-02	87	165
120	ALBATROSS IV 75-02	88	165
121	ALBATROSS IV 75-02	89	165
122	ALBATROSS IV 75-02	90	165
123	ALBATROSS IV 75-02	91	165
124	ALBATROSS IV 75-02	92	165
125	ALBATROSS IV 75-02	93	165
126	ALBATROSS IV 75-02	95	165
127	ALBATROSS IV 75-02	96	165
128	ALBATROSS IV 75-02	97	165
129	ALBATROSS IV 75-02	98	165
130	ALBATROSS IV 75-02	99	165
131	ALBATROSS IV 75-02	101	165
132	ALBATROSS IV 75-02	52	53
133	ALBATROSS IV 75-02	53	53
134	ALBATROSS IV 75-02	72	53
135	ALBATROSS IV 75-02	73	53
136	ALBATROSS IV 75-02	74	53
137	ALBATROSS IV 75-02	80	53
138	ALBATROSS IV 75-02	82	53
139	ALBATROSS IV 75-05	17	165
140	ALBATROSS IV 75-05	26	165
141	ALBATROSS IV 75-05	60	165
142	ALBATROSS IV 75-05	82	165
143	ALBATROSS IV 75-05	84	165

TABLE 3 (Continued)

RECORD NUMBER	CRUISE	STATION	GEAR
144	ALBATROSS IV 75-07	10	165
145	ALBATROSS IV 75-07	20	165
146	ALBATROSS IV 75-07	29	165
147	BELEGORSK 75-02	20	165
148	BELEGORSK 75-02	25	165
149	BELEGORSK 75-02	27	165
150	BELEGORSK 75-02	60	165
151	BELEGORSK 75-02	73	165
152	BELEGORSK 75-02	88	165
153	BELEGORSK 75-02	90	165
154	BELEGORSK 75-03	21	165
155	BELEGORSK 75-03	25	165
156	BELEGORSK 75-03	26	165
157	BELEGORSK 75-03	51	165
158	BELEGORSK 75-03	60	165
159	BELEGORSK 75-03	73	165
160	BELEGORSK 75-03	74	165
161	BELEGORSK 75-03	82	165
162	BELEGORSK 75-03	90	165
163	BELEGORSK 75-03	384	165
164	ANTON DOHRN 75-187	20	165
165	ANTON DOHRN 75-187	21	165
166	ANTON DOHRN 75-187	25	165
167	ANTON DOHRN 75-187	30	165
168	ANTON DOHRN 75-187	51	165
169	ANTON DOHRN 75-187	60	165
170	ANTON DOHRN 75-187	74	165
171	ANTON DOHRN 75-187	84	165
172	ALBATROSS IV 75-14	20	165
173	ALBATROSS IV 75-14	25	165
174	ALBATROSS IV 75-14	27	165
175	ALBATROSS IV 75-14	33	165
176	ALBATROSS IV 75-14	52	165
177	ALBATROSS IV 75-14	60	165
178	ALBATROSS IV 75-14	61	165
179	ALBATROSS IV 75-14	72	165
180	ALBATROSS IV 75-14	83	165
181	ALBATROSS IV 75-14	90	165
182	VOID		

TABLE 3 (Continued)

RECORD NUMBER	CRUISE	STATION	GEAR
183	ALBATROSS IV 76-01	23	165
184	ALBATROSS IV 76-01	25	165
185	ALBATROSS IV 76-01	60	165
186	ALBATROSS IV 76-01	73	165
187	ALBATROSS IV 76-01	75	165
188	ALBATROSS IV 76-01	301	165
189	ALBATROSS IV 76-01	353	165
190	ALBATROSS IV 76-01	382	165
191	ALBATROSS IV 76-01	482	165
192	ERNST HAECKEL 76-01	16	165
193	ERNST HAECKEL 76-01	21	165
194	ERNST HAECKEL 76-01	60	165
195	ERNST HAECKEL 76-01	74	165
196	ERNST HAECKEL 76-01	89	165
197	WIECZNO 76-01	20	165
198	WIECZNO 76-01	53	165
199	WIECZNO 76-01	62	165
200	WIECZNO 76-01	74	165
201	WIECZNO 76-01	90	165
202	WIECZNO 76-03	20	165
203	WIECZNO 76-03	26	165
204	WIECZNO 76-03	60	165
205	WIECZNO 76-03	90	165
206	ANTON DOHRN 76-02	26	165
207	ANTON DOHRN 76-02	360	165
208	ANTON DOHRN 76-02	373	165
209	ANTON DOHRN 76-02	90	165
210	RESEARCHER 76-01	21	165
211	RESEARCHER 76-01	25	165
212	RESEARCHER 76-01	60	165
213	RESEARCHER 76-01	73	165
214	RESEARCHER 76-01	382	165
215	MT. MITCHELL 77-01	20	165
216	MT. MITCHELL 77-01	25	165
217	MT. MITCHELL 77-01	74	165

TABLE 3 (Continued)

RECORD NUMBER	CRUISE	STATION	GEAR
218	MT. MITCHELL 79-02	11	165
219	MT. MITCHELL 79-02	16	165
220	MT. MITCHELL 79-02	24	165
221	MT. MITCHELL 79-02	25	165
222	MT. MITCHELL 79-02	26	165
223	MT. MITCHELL 79-02	51	165
224	MT. MITCHELL 79-02	52	165
225	MT. MITCHELL 79-02	54	165
226	MT. MITCHELL 79-02	55	165
227	MT. MITCHELL 79-02	59	165
228	MT. MITCHELL 79-02	60	165
229	MT. MITCHELL 79-02	61	165
230	MT. MITCHELL 79-02	62	165
231	MT. MITCHELL 79-02	63	165
232	MT. MITCHELL 79-02	75	165
233	MT. MITCHELL 79-02	76	165
234	MT. MITCHELL 79-02	80	165
235	MT. MITCHELL 79-02	81	165
236	MT. MITCHELL 79-02	84	165
237	MT. MITCHELL 79-02	89	165
238	MT. MITCHELL 79-02	90	165
239	MT. MITCHELL 79-02	92	165

Table 4. Sample data form. The 71 elements on the form represent one data record in the fine-mesh disc file "CDFM2." Volume strained indicates the volume of seawater sampled by the net. SPLIT refers to the number of times the original sample was halved by the Folsom splitter to give the final subsample which was sorted into the categories shown. PSPLIT is the split associated with *Pseudocalanus* sp., it is not always the same as SPLIT since, for this species, more than one aliquot per sample was sometimes sorted and added to the original subsample count.

CRUISE	1 STA	2 DATE (EST)
		D D A M O Y R

3 TIME (EST)	4 LATITUDE	5 LONGITUDE	6 MESH GEAR	7 VOL STRAINED
			μ	m 3

8 TEMP °C	9 TOW DEPTH	10 BOTTOM DEPTH	11 SALINITY	12 SPLIT
	m	m	‰	

Table 4

TAXONOMIC GROUPING	COUNT
13 Acartia	
14 Alteutha	
15 AMPHIPODA	
16 APPENDICULARIA	
17 BIVALVIA: LARVAE	
18 Calanus	
19 Candacia	
20 Centropages: C1 to C3	
21 Centropages hamatus (GT C3) TOTAL	
22 C. hamatus C6	
23 C. hamatus C4 and C5	
24 Centropages typicus (GT C3) TOTAL	
25 C. typicus C6F	
26 C. typicus C6M	
27 C. typicus C5	
28 C. typicus C4	
29 CHAETOGNATHA	
30 CIRRIPEDIA: NAUPLII	
31 CLADOCERA	
32 Clausocalanus	
33 COPEPODA: NAUPLII	
34 COPEPODA: UNIDENT.	
35 CYCLOPOIDA	
36 DECAPODA: LARVAE	
37 Eucnaeta	
38 EUPHAUSIA	
39 Eurytemora	
40 FISH EGGS	
41 FISH LARVAE	
42 GASTROPODA	

TAXONOMIC GROUPING	COUNT
43 HARPACTICOIDA: OTHER	
44 ISOPODA	
45 Labidocera	
46 Mecynocera clausii	
47 Metridia	
48 Microcalanus	
49 MYSIDACEA	
50 Oithona	
51 OSTRACODA	
52 Paracalanus crassirostrus	
53 Paracalanus parvus	
54 Pleuromamma	
55 POLYCHAETA: LARVAE	
56 PSPLIT	
57 Pseudocalanus sp. TOTAL	
58 Pseudocalanus sp. C6F	
59 Pseudocalanus sp. C6M	
60 Psuedocalanus sp. C5F	
61 Pseudocalanus sp. C5M	
62 Psuedocalanus sp. C4F	
63 Pseudocalanus sp. C4M	
64 Pseudocalanus sp. C3	
65 Pseudocalanus sp. C2	
66 Pseudocalanus sp. C1	
67 Siphonophora	
68 Temora	
69 UNIDENT.GEL.ZOOP.	
70 UNIDENT. ZOOP. OTHER	

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Table 5. File name of programs for fine mesh data (File "CDFM2") manipulation and plotting. Program contained on HP disc labeled "CDavis" and "CD2".

PROGRAM FILE NAME

CDFPK
CDPNAM
CDPFM2
CDSPL
CDTPLT
CD#CHAE/M3
CDRWGB
CDTM#PLTYC
CDTPLTYO
CDTBPLTYO
CDTMBPLTYC
CDCOPL
CDCHAE
CD%FM

Figures 3-22. Fine-mesh station locations for each cruise.

● = Georges Bank transect.

■ = Extension of Georges Bank transect to include Nantucket Shoals.

▲ = Stations used for comparison of water column zooplankton with larval herring gut contents.

⬢ = Stations used in determining spatial distribution of zooplankton.

Table 6-243. Fine-mesh data set as it appears on disc file "CDFM2." Each table gives data for one station and represents one data record in the disc file. A count of negative one indicates that the category was not counted in that sample.

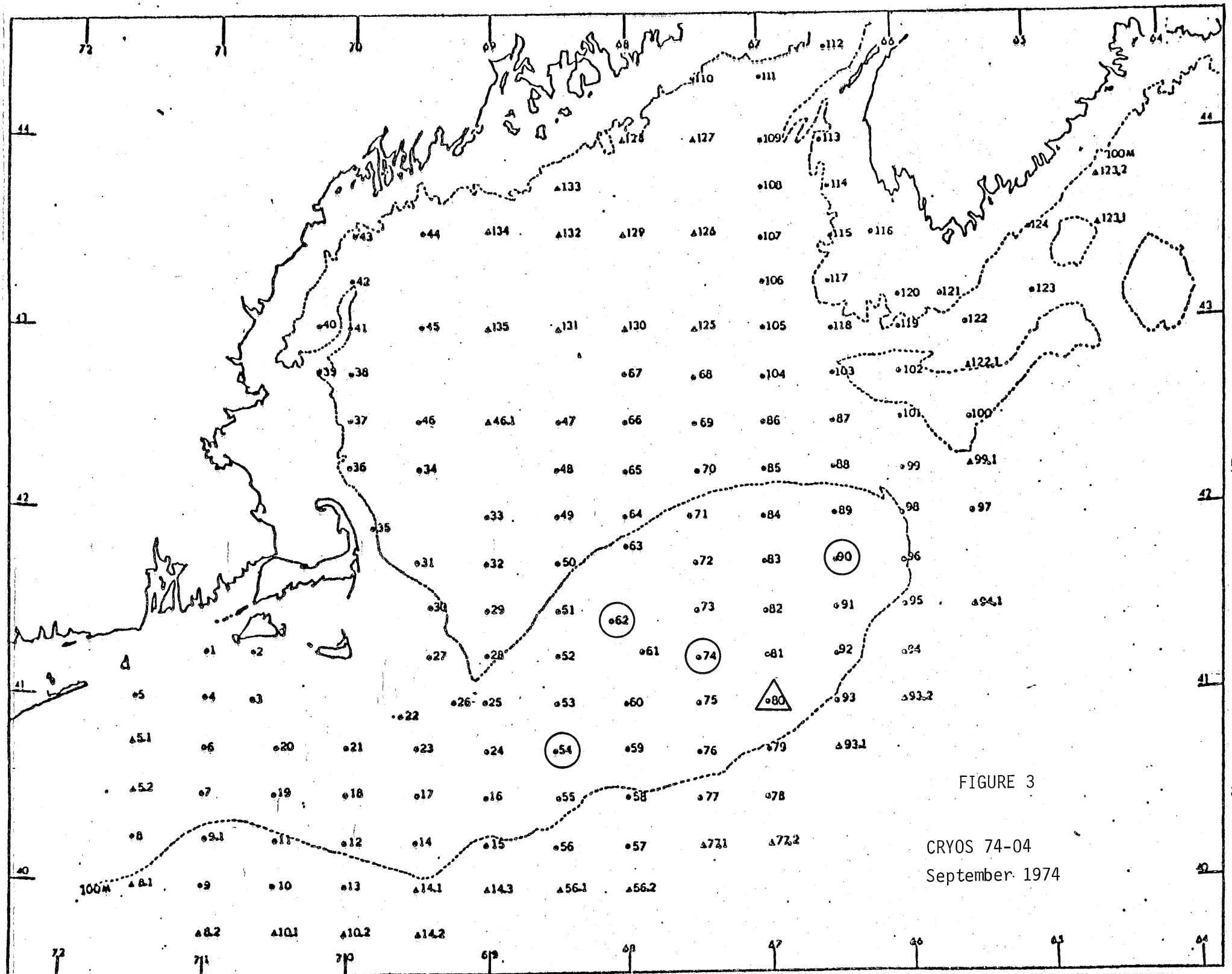

FIGURE 3

CRYOS 74-04
September 1974

CRUISE	STA	DATE (EST)
CRYOS 74-04	54	230974

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
925	4045	6830	165	38.66

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
16.5	59	59	32.87	8

Table 6

TAXONOMIC GROUPING	COUNT
Acartia	1
Aliteutha	0
AMPHIPODA	0
APPENDICULARIA	10
BIVALVIA: LARVAE	8
Calanus	15
Candacia	0
Centropages: C1 to C3	101
Centropages hamatus (GT C3) TOTAL	3
C. hamatus C6	1
C. hamatus C4 and C5	2
Centropaces typicus (GT C3) TOTAL	176
C. typicus C6F	17
C. typicus C6M	11
C. typicus C5	55
C. typicus C4	93
CHAETOGNATHA	14
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	13
FISH LARVAE	0
GASTROPODA	4

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	3
Microcalanus	-1
MYSIDACEA	0
Oithona	93
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	458
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	14
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	1
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
CRYOS 74-04	62	210974

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1710	4126	6806	165	22.24

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
16.5	43	47	32.87	8

Table 7

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	13
Calanus	2
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	105
C. hamatus C6	81
C. hamatus C4 and C5	24
Centropages typicus (GT C3) TOTAL	2
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	2
C. typicus C4	0
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	17

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	4
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	120
Oithona	0
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	286
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	2
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
CRYOS 74-04	74	210974

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
735	4115	6730	165	21.81

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
16.5	41	45	32.87	7

Table 8

TAXONOMIC GROUPING	COUNT
cartia	0
lteutha	0
MPHIPODA	0
PPENDICULARIA	23
IVALVIA: LARVAE	6
alanus	2
andacia	0
entropages: C1 to C3	18
entropages hamatus (GT C3) TOTAL	169
. hamatus C6	118
. hamatus C4 and C5	51
entropages typicus (GT C3) TOTAL	10
. typicus C6F	6
. typicus C6M	2
. typicus C5	1
. typicus C4	1
CHAETOGNATHA	21
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
lausocalanus	-1
OPEPODA: NAUPLII	0
OPEPODA: UNIDENT.	0
YCLOPOIDA	7
ECAPODA: LARVAE	3
ucnaeta	-1
UPHAUSIA	0
urytemora	-1
ISH EGGS	6
ISH LARVAE	0
ASTROPODA	15

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	4
Microcalanus	-1
MYSIDACEA	14
Oithona	167
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	200
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	7
Pseudocalanus sp. TOTAL	9
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	3
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
CRYOS 74-04	80	200974

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1233	4100	6700	165	47.39

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
16.5	54	70	32.87	7

Table 9

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	10
BIVALVIA: LARVAE	5
Calanus	17
Candacia	1
Centropages: C1 to C3	58
Centropages hamatus (GT C3) TOTAL	6
C. hamatus C6	5
C. hamatus C4 and C5	1
Centropages typicus (GT C3) TOTAL	48
C. typicus C6F	13
C. typicus C6M	14
C. typicus C5	11
C. typicus C4	10
CHAETOGNATHA	10
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	2
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	7
FISH LARVAE	0
GASTROPODA	6

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	0
Oithona	141
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	198
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	2
Pseudocalanus sp. C6F	1
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
CRYOS 74-04	90	200974

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
342	4144	6621	165	43.65

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
16.5	63	75	32.87	8

Table 10

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	11
BIVALVIA: LARVAE	3
Calanus	3
Candacia	0
Centropages: C1 to C3	6
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	0
C. hamatus C4 and C5	1
Centropages typicus (GT C3) TOTAL	31
C. typicus C6F	15
C. typicus C6M	9
C. typicus C5	6
C. typicus C4	1
CHAETOGNATHA	9
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	3
Eucnaeta	-1
EUPHAUSIA	1
Eurytemora	-1
FISH EGGS	80
FISH LARVAE	0
GASTROPODA	46

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	233
OSTRACODA	1
Paracalanus crassirostrus	1
Paracalanus parvus	211
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	8
Pseudocalanus sp. TOTAL	5
Pseudocalanus sp. C6F	4
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	1
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

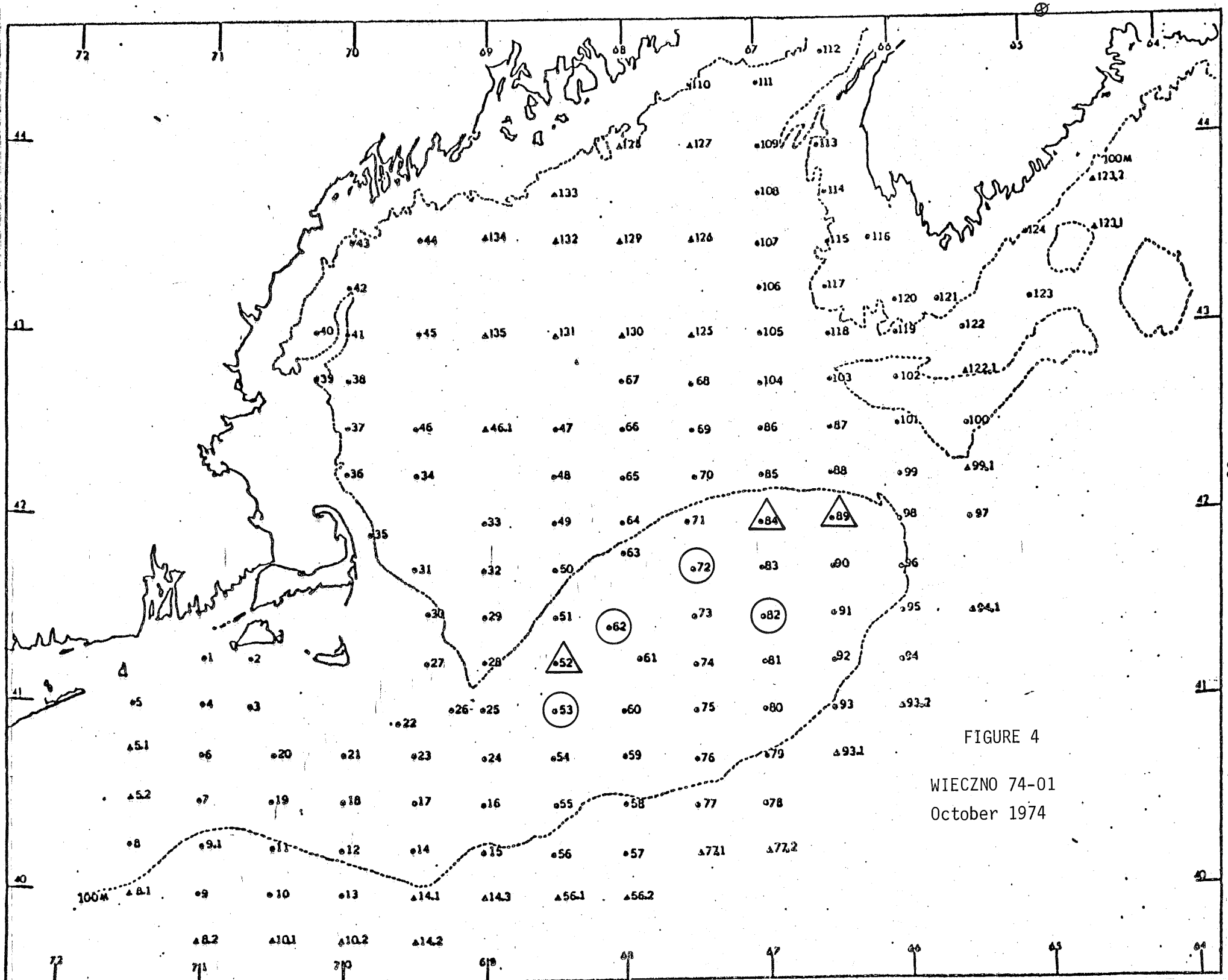

FIGURE 4

WIECZNO 74-01
October 1974

CRUISE	STA	DATE (EST)
WECZO 7401	52	31074

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
525	4115	6830	165	17.32

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 11

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	10
BIVALVIA: LARVAE	7
Calanus	0
Candacia	0
Centropages: C1 to C3	11
Centropages hamatus (GT C3) TOTAL	8
C. hamatus C6	6
C. hamatus C4 and C5	2
Centropaces typicus (GT C3) TOTAL	37
C. typicus C6F	11
C. typicus C6M	8
C. typicus C5	6
C. typicus C4	12
CHAETOGNATHA	7
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	4
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	2
FISH LARVAE	1
GASTROPODA	175

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	2
Oithona	125
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	105
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	8
Pseudocalanus sp. TOTAL	2
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
WECZO 7401	53	31074

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
820	4100	6830	165	22.26

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
14.5	45	45	32.71	7

Table 12

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	2
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	2
Calanus	2
Candacia	0
Centropages: C1 to C3	71
Centropages hamatus (GT C3) TOTAL	107
C. hamatus C6	86
C. hamatus C4 and C5	21
Centropages typicus (GT C3) TOTAL	72
C. typicus C6F	22
C. typicus C6M	9
C. typicus C5	19
C. typicus C4	22
CHAETOGNATHA	10
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	5
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	21

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	12
Oithona	98
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	342
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	7
Pseudocalanus sp. TOTAL	2
Pseudocalanus sp. C6F	1
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	3

CRUISE	STA	DATE (EST)
WECZO 7401	62	41074

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1710	4126	6806	165	16.64

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
14.5	34	34	32.71	8

Table 13

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	4
BIVALVIA: LARVAE	0
Calanus	0
Candacia	0
Centropages: C1 to C3	53
Centropages hamatus (GT C3) TOTAL	32
C. hamatus C6	9
C. hamatus C4 and C5	23
Centropaces typicus (GT C3) TOTAL	28
C. typicus C6F	4
C. typicus C6M	3
C. typicus C5	6
C. typicus C4	15
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	1
Oithona	54
OSTRACODA	1
Paracalanus crassirostrus	0
Paracalanus parvus	238
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	1
Pseudocalanus sp. C6F	1
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	9

CRUISE	STA	DATE (EST)
WECZO 7401	72	61074

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
147	4145	6730	165	29.33

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
14.5	38	45	32.71	8

Table 14

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	2
BIVALVIA: LARVAE	0
Calanus	3
Candacia	0
Centropages: C1 to C3	40
Centropages hamatus (GT C3) TOTAL	105
C. hamatus C6	38
C. hamatus C4 and C5	67
Centropages typicus (GT C3) TOTAL	48
C. typicus C6F	13
C. typicus C6M	18
C. typicus C5	12
C. typicus C4	15
CHAETOGNATHA	4
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	3

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	8
Oithona	28
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	256
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	3
Pseudocalanus sp. C6F	3
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
WECZO 7401	82	71074

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
620	4130	6700	165	44.69

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
14.5	62	66	32.71	8

Table 15

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	1
Calanus	1
Candacia	0
Centropages: C1 to C3	25
Centropages hamatus (GT C3) TOTAL	3
C. hamatus C6	0
C. hamatus C4 and C5	3
Centropaces typicus (GT C3) TOTAL	65
C. typicus C6F	13
C. typicus C6M	14
C. typicus C5	21
C. typicus C4	17
CHAETOGNATHA	20
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	9
FISH LARVAE	1
GASTROPODA	3

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	0
Oithona	179
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	543
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	5
Pseudocalanus sp. C6F	4
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
WECZO 7401	84	61074

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2008	4200	6700	165	36

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	9

Table 16

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	2
Calanus	1
Candacia	0
Centropages: C1 to C3	21
Centropages hamatus (GT C3) TOTAL	4
C. hamatus C6	1
C. hamatus C4 and C5	3
Centropages typicus (GT C3) TOTAL	21
C. typicus C6F	5
C. typicus C6M	1
C. typicus C5	6
C. typicus C4	9
CHAETOGNATHA	4
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	2
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	8
FISH LARVAE	3
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	1
Oithona	44
OSTRACODA	0
Paracalanus crassirostrus	2
Paracalanus parvus	170
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	9
Pseudocalanus sp. TOTAL	10
Pseudocalanus sp. C6F	6
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	2
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
WECZO 7401	89	81074

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1226	4200	6630	165	57.63

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
14.5	0	0	32.71	7

Table 17

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	16
Candacia	0
Centropages: C1 to C3	8
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	92
C. typicus C6F	40
C. typicus C6M	46
C. typicus C5	3
C. typicus C4	3
CHAETOGNATHA	7
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	5
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	8
FISH LARVAE	2
GASTROPODA	3

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	4
Microcalanus	-1
MYSIDACEA	0
Oithona	189
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	186
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	19
Pseudocalanus sp. C6F	15
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

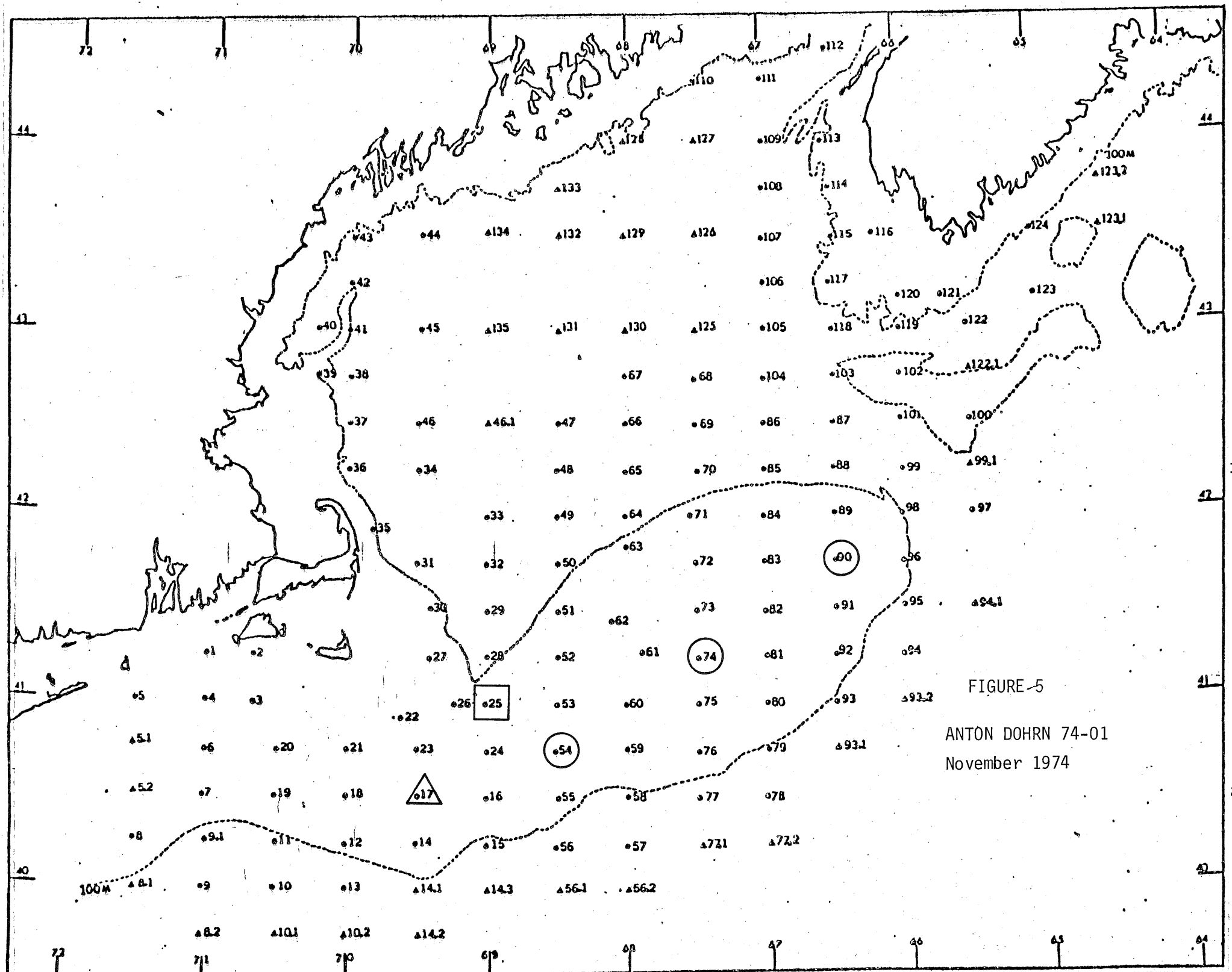

FIGURE 5

ANTON DOHRN 74-01
November 1974

CRUISE	STA	DATE (EST)
ADOHRN 7401	17	171174

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
325	4032	6930	165	22.76

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 18

TAXONOMIC GROUPING	COUNT
Acartia	5
Alteutha	3
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	8
Calanus	1
Candacia	6
Centropages: C1 to C3	64
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	1
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	63
C. typicus C6F	1
C. typicus C6M	5
C. typicus C5	21
C. typicus C4	36
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	6
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	1
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	1
GASTROPODA	16

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	0
Oithona	88
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	85
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	9
Pseudocalanus sp. C6F	1
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	1
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADOHRN 7401	25	181174

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2131	4100	6900	165	25.04

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	6

Table 19

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	2
AMPHIPODA	0
APPENDICULARIA	2
BIVALVIA: LARVAE	11
Calanus	10
Candacia	3
Centropages: C1 to C3	51
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	123
C. typicus C6F	36
C. typicus C6M	31
C. typicus C5	20
C. typicus C4	36
CHAETOGNATHA	20
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	0
CYCLOPOIDA	4
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	3
Eurytemora	-1
FISH EGGS	31
FISH LARVAE	8
GASTROPODA	42

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	0
Oithona	96
OSTRACODA	0
Paracalanus crassirostrus	5
Paracalanus parvus	104
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	95
Pseudocalanus sp. C6F	34
Pseudocalanus sp. C6M	11
Psuedocalanus sp. C5F	8
Pseudocalanus sp. C5M	16
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	10
Pseudocalanus sp. C2	6
Pseudocalanus sp. C1	2
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADOHRN 7401	54	191174

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
240	4045	6830	165	26.78

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 20

TAXONOMIC GROUPING	COUNT
Acartia	3
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	2
BIVALVIA: LARVAE	30
Calanus	1
Candacia	0
Centropages: C1 to C3	116
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	1
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	95
C. typicus C6F	20
C. typicus C6M	29
C. typicus C5	18
C. typicus C4	28
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	4
DECAPODA: LARVAE	3
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	2
FISH LARVAE	0
GASTROPODA	41

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	1
Oithona	210
OSTRACODA	2
Paracalanus crassirostrus	1
Paracalanus parvus	70
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	9
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADOHRN 7401	74	201174

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1520	4115	6730	165	19.82

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	6

Table 21

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	21
Calanus	0
Candacia	0
Centropages: C1 to C3	129
Centropages hamatus (GT C3) TOTAL	82
C. hamatus C6	31
C. hamatus C4 and C5	51
Centropaces typicus (GT C3) TOTAL	103
C. typicus C6F	34
C. typicus C6M	31
C. typicus C5	20
C. typicus C4	18
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	3
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	9

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	1
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	34
Oithona	222
OSTRACODA	0
Paracalanus crassirostrus	2
Paracalanus parvus	132
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	6
Pseudocalanus sp. TOTAL	7
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	3
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADHORN 7401	90	221174

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
815	4145	6630	165	22.41

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	75	0	0	6

Table 22

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	-1
Calanus	3
Candacia	0
Centropages: C1 to C3	10
Centropages hamatus (GT C3) TOTAL	15
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropaces typicus (GT C3) TOTAL	89
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	3
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	1
Eucnaeta	0
EUPHAUSIA	2
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	-1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	1
Oithona	18
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	66
Pleuromamma	0
POLYCHAETA: LARVAE	8
PSPLIT	6
Pseudocalanus sp. TOTAL	52
Pseudocalanus sp. C6F	17
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	9
Pseudocalanus sp. C5M	12
Psuedocalanus sp. C4F	4
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

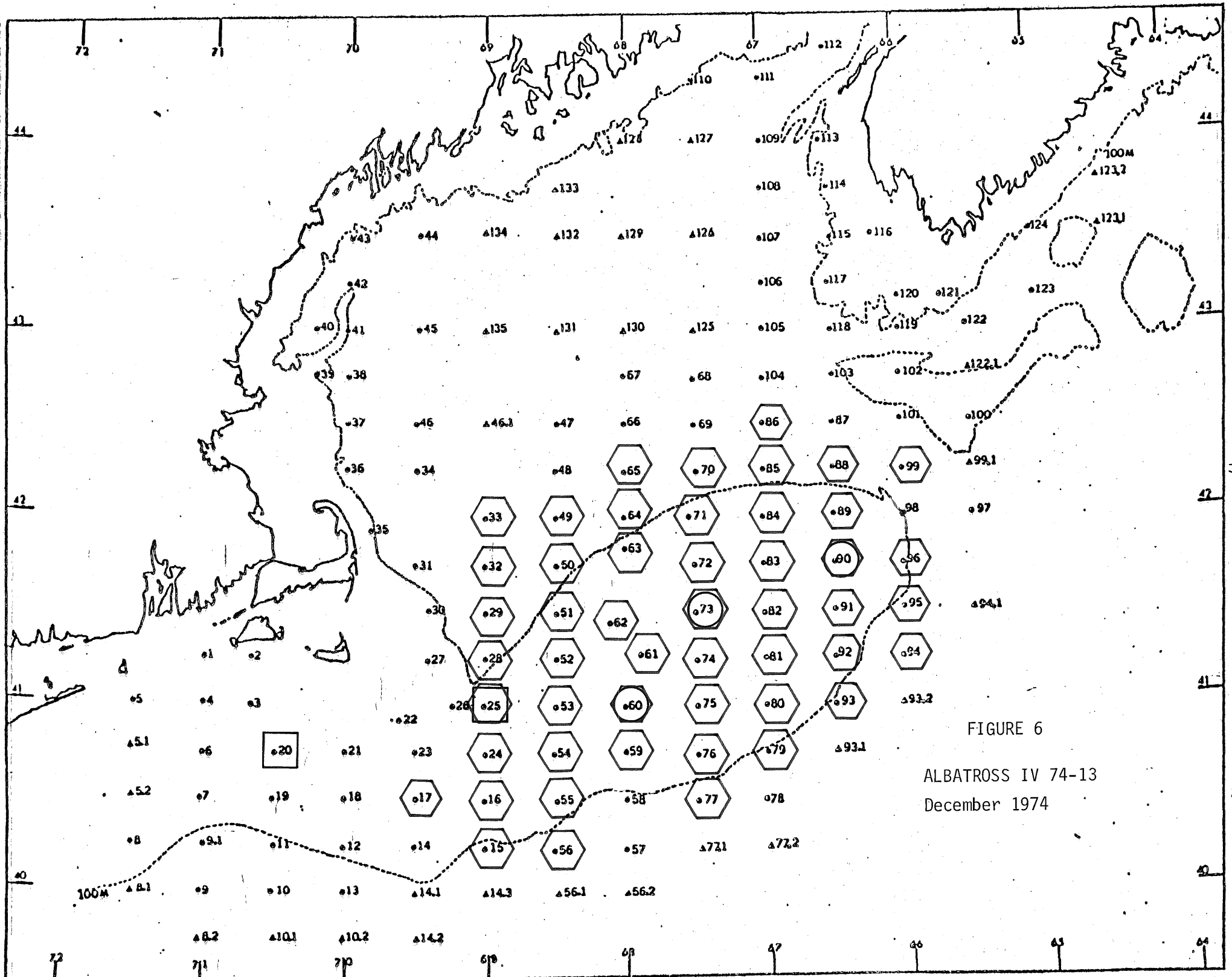

FIGURE 6

ALBATROSS IV 74-13
December 1974

CRUISE	STA	DATE (EST)
ALB 74-13	15	61274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1548	4015	6901	165	58.12

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
12.5	115	115	34.02	7

Table 23

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	11
BIVALVIA: LARVAE	3
Calanus	7
Candacia	2
Centropages: C1 to C3	39
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropaces typicus (GT C3) TOTAL	68
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	11
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	67
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	18
CYCLOPOIDA	12
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	1
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	14

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	16
Metridia	46
Microcalanus	0
MYSIDACEA	0
Oithona	227
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	57
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	7
Pseudocalanus sp. TOTAL	3
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	3

CRUISE	STA	DATE (EST)
ALB 74-13	16	61274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1821	4030	6900	165	53.76

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
11.3	75	75	33.35	7

Table 24

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	2
BIVALVIA: LARVAE	10
Calanus	1
Candacia	0
Centropages: C1 to C3	50
Centropages hamatus (GT C3) TOTAL	5
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropaces typicus (GT C3) TOTAL	70
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	16
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	6
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	1
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	2
Microcalanus	0
MYSIDACEA	0
Oithona	183
OSTRACODA	2
Paracalanus crassirostrus	0
Paracalanus parvus	37
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5.415
Pseudocalanus sp. TOTAL	75
Pseudocalanus sp. C6F	19
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	5
Psuedocalanus sp. C4F	9
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	11
Pseudocalanus sp. C2	16
Pseudocalanus sp. C1	5
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	17	61274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1627	4030	6931	165	40.65

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 25

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	3
Calanus	9
Candacia	0
Centropages: C1 to C3	55
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	110
C. typicus C6F	18
C. typicus C6M	10
C. typicus C5	47
C. typicus C4	35
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	8
COPEPODA: UNIDENT.	1
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	14

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	0
Oithona	190
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	46
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	33
Pseudocalanus sp. C6F	2
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	9
Pseudocalanus sp. C2	18
Pseudocalanus sp. C1	22
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	20	71274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
419	4044	7031	165	29.03

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.8	55	55	33.04	7

Table 26

TAXONOMIC GROUPING	COUNT
Acartia	2
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	19
Calanus	6
Candacia	1
Centropages: C1 to C3	106
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	77
C. typicus C6F	28
C. typicus C6M	10
C. typicus C5	15
C. typicus C4	24
CHAETOGNATHA	4
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	4
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	189
OSTRACODA	5
Paracalanus crassirostrus	69
Paracalanus parvus	17
Pleuromamma	0
POLYCHAETA: LARVAE	12
PSPLIT	7
Pseudocalanus sp. TOTAL	50
Pseudocalanus sp. C6F	17
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	14
Pseudocalanus sp. C2	4
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
ALB 74-13	24	71274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1343	4045	6900	165	52.23

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.6	84	84	32.96	8

Table 27

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	1
Calanus	7
Candacia	0
Centropages: C1 to C3	38
Centropages hamatus (GT C3) TOTAL	2
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropaces typicus (GT C3) TOTAL	58
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	11
COPEPODA: NAUPLII	9
COPEPODA: UNIDENT.	1
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	2
Microcalanus	1
MYSIDACEA	0
Oithona	140
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	37
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	133
Pseudocalanus sp. C6F	27
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	24
Pseudocalanus sp. C2	38
Pseudocalanus sp. C1	31
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	25	71274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1547	4100	6900	165	44.76

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.8	75	84	33.04	8

Table 28

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	17
Candacia	0
Centropages: C1 to C3	43
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	61
C. typicus C6F	16
C. typicus C6M	12
C. typicus C5	19
C. typicus C4	14
CHAETOGNATHA	4
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	9
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	5

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	0
Oithona	150
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	45
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	8
Pseudocalanus sp. TOTAL	104
Pseudocalanus sp. C6F	50
Pseudocalanus sp. C6M	9
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	9
Psuedocalanus sp. C4F	14
Pseudocalanus sp. C4M	7
Pseudocalanus sp. C3	8
Pseudocalanus sp. C2	4
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	28	71274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2222	4116	6900	165	83.56

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.5	108	119	33.06	9

Table 29

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	6
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropaces typicus (GT C3) TOTAL	8
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	3

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	7
Microcalanus	7
MYSIDACEA	0
Oithona	23
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	8
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	9
Pseudocalanus sp. TOTAL	193
Pseudocalanus sp. C6F	91
Pseudocalanus sp. C6M	17
Psuedocalanus sp. C5F	25
Pseudocalanus sp. C5M	39
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	5
Pseudocalanus sp. C3	5
Pseudocalanus sp. C2	4
Pseudocalanus sp. C1	2
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	29	81274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
56	4133	6901	165	78.18

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.5	100	126	32.9	5

Table 30

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	50
Candacia	1
Centropages: C1 to C3	5
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	26
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	5
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	6
Microcalanus	5
MYSIDACEA	0
Oithona	128
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	29
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	63
Pseudocalanus sp. C6F	44
Pseudocalanus sp. C6M	6
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	4
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	32	81274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
914	4144	6900	165	77.72

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.5	113	167	32.96	5

Table 31

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	140
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropaces typicus (GT C3) TOTAL	37
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	5
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	4
EUPHAUSIA	1
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	13

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	10
Microcalanus	4
MYSIDACEA	0
Oithona	106
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	32
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	55
Pseudocalanus sp. C6F	30
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	12
Pseudocalanus sp. C5M	9
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 74-13	33	81274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1159	4159	6900	165	76.65

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.3	113	130	33.07	6

Table 32

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	52
Candacia	0
Centropages: C1 to C3	23
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropaces typicus (GT C3) TOTAL	58
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	9
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	1
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	13

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	5
Microcalanus	9
MYSIDACEA	9
Oithona	62
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	32
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	120
Pseudocalanus sp. C6F	43
Pseudocalanus sp. C6M	7
Psuedocalanus sp. C5F	24
Pseudocalanus sp. C5M	25
Psuedocalanus sp. C4F	11
Pseudocalanus sp. C4M	8
Pseudocalanus sp. C3	6
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	4
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	4
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	49	101274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
935	4200	6830	165	72.87

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.6	92	186	32.95	6

Table 33

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	29
Candacia	0
Centropages: C1 to C3	12
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	25
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	8
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	4

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	1
Microcalanus	6
MYSIDACEA	0
Oithona	116
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	42
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	77
Pseudocalanus sp. C6F	47
Pseudocalanus sp. C6M	11
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	8
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	50	101274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1148	4145	6831	165	73.11

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.5	110	181	33.02	6

Table 34

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	53
Candacia	0
Centropages: C1 to C3	5
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropaces typicus (GT C3) TOTAL	21
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	5
Microcalanus	1
MYSIDACEA	0
Oithona	15
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	21
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	6
Pseudocalanus sp. TOTAL	197
Pseudocalanus sp. C6F	144
Pseudocalanus sp. C6M	16
Psuedocalanus sp. C5F	11
Pseudocalanus sp. C5M	16
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 74-13	51	101274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1344	4130	6832	165	53.23

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.6	100	100	32.99	7

Table 35

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	5
Candacia	0
Centropages: C1 to C3	4
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropaces typicus (GT C3) TOTAL	16
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	8
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	5
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	-1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	2
Microcalanus	5
MYSIDACEA	0
Oithona	45
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	9
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	160
Pseudocalanus sp. C6F	81
Pseudocalanus sp. C6M	14
Psuedocalanus sp. C5F	6
Pseudocalanus sp. C5M	9
Psuedocalanus sp. C4F	4
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	8
Pseudocalanus sp. C2	15
Pseudocalanus sp. C1	23
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	52	101274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1614	4116	6831	165	34.65

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
91	50	59	32.98	7

Table 36

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	3
Calanus	5
Candacia	0
Centropages: C1 to C3	13
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	24
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	7

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	1
Microcalanus	0
MYSIDACEA	0
Oithona	17
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	13
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	5.415
Pseudocalanus sp. TOTAL	69
Pseudocalanus sp. C6F	7
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	4
Pseudocalanus sp. C4M	7
Pseudocalanus sp. C3	12
Pseudocalanus sp. C2	12
Pseudocalanus sp. C1	23
Siphonophora	0
Temora	1
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	53	101274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1908	4100	6830	165	29.24

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
10.3	54	50	32.83	6

Table 37

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	3
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	8
Calanus	1
Candacia	1
Centropages: C1 to C3	19
Centropages hamatus (GT C3) TOTAL	71
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	58
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	22
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	11

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	2
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	13
Oithona	3
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	26
Pleuromamma	0
POLYCHAETA: LARVAE	14
PSPLIT	6
Pseudocalanus sp. TOTAL	36
Pseudocalanus sp. C6F	14
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	4
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	6
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	1
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 74-13	54	101274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2138	4045	6829	165	23.91

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
10.7	40	60	32.98	7

Table 38

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	3
Calanus	0
Candacia	0
Centropages: C1 to C3	30
Centropages hamatus (GT C3) TOTAL	10
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	29
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	11
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	1
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	1
Microcalanus	0
MYSIDACEA	6
Oithona	81
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	18
Pleuromamma	0
POLYCHAETA: LARVAE	4
PSPLIT	6
Pseudocalanus sp. TOTAL	105
Pseudocalanus sp. C6F	13
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	7
Pseudocalanus sp. C5M	8
Psuedocalanus sp. C4F	24
Pseudocalanus sp. C4M	12
Pseudocalanus sp. C3	23
Pseudocalanus sp. C2	13
Pseudocalanus sp. C1	4
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	55	101274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1819	4030	6830	165	55.49

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 39

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	7
BIVALVIA: LARVAE	6
Calanus	4
Candacia	9
Centropages: C1 to C3	84
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	94
C. typicus C6F	5
C. typicus C6M	11
C. typicus C5	37
C. typicus C4	41
CHAETOGNATHA	10
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	31

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	11
Microcalanus	-1
MYSIDACEA	0
Oithona	184
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	226
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	0
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	56	111274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
144	4016	6830	165	42.92

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
11.2	100	150	33.7	7

Table 40

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	-1
Calanus	4
Candacia	3
Centropages: C1 to C3	59
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	66
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	9
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	19
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	3
Euchaeta	0
EUPHAUSIA	3
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	7
Metridia	17
Microcalanus	0
MYSIDACEA	0
Oithona	48
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	132
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	4
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	59	111274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1344	4044	6800	165	59.1

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
10.4	75	75	33.2	7

Table 41

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	1
Candacia	0
Centropages: C1 to C3	33
Centropages hamatus (GT C3) TOTAL	3
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	52
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	5
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	1
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	1
Metridia	6
Microcalanus	0
MYSIDACEA	0
Oithona	264
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	55
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	17
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	2
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	2
Siphonophora	1
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	60	111274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1706	4100	6800	165	27.44

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
10.8	44	50	32.83	8

Table 42

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	1
Calanus	0
Candacia	0
Centropages: C1 to C3	22
Centropages hamatus (GT C3) TOTAL	42
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	31
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	8
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	5
Oithona	68
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	23
Pleuromamma	0
POLYCHAETA: LARVAE	3
PSPLIT	5.678
Pseudocalanus sp. TOTAL	90
Pseudocalanus sp. C6F	26
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	16
Psuedocalanus sp. C4F	12
Pseudocalanus sp. C4M	8
Pseudocalanus sp. C3	7
Pseudocalanus sp. C2	5
Pseudocalanus sp. C1	4
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	61	111274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1338	4116	6754	165	21.34

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
Ø	Ø	Ø	Ø	7

Table 43

TAXONOMIC GROUPING	COUNT
Acartia	Ø
Alteutha	Ø
AMPHIPODA	Ø
APPENDICULARIA	Ø
BIVALVIA: LARVAE	51
Calanus	Ø
Candacia	Ø
Centropages: C1 to C3	49
Centropages hamatus (GT C3) TOTAL	71
C. hamatus C6	58
C. hamatus C4 and C5	13
Centropages typicus (GT C3) TOTAL	72
C. typicus C6F	25
C. typicus C6M	3
C. typicus C5	30
C. typicus C4	14
CHAETOGNATHA	11
CIRRIPEDIA: NAUPLII	Ø
CLADOCERA	Ø
Clausocalanus	-1
COPEPODA: NAUPLII	Ø
COPEPODA: UNIDENT.	Ø
CYCLOPOIDA	2
DECAPODA: LARVAE	Ø
Euchaeta	-1
EUPHAUSIA	Ø
Eurytemora	-1
FISH EGGS	3
FISH LARVAE	Ø
GASTROPODA	18

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	Ø
ISOPODA	Ø
Labidocera	Ø
Mecynocera clausii	-1
Metridia	Ø
Microcalanus	-1
MYSIDACEA	33
Oithona	42
OSTRACODA	Ø
Paracalanus crassirostrus	3
Paracalanus parvus	36
Pleuromamma	Ø
POLYCHAETA: LARVAE	Ø
PSPLIT	7
Pseudocalanus sp. TOTAL	16
Pseudocalanus sp. C6F	4
Pseudocalanus sp. C6M	Ø
Psuedocalanus sp. C5F	Ø
Pseudocalanus sp. C5M	5
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	Ø
Pseudocalanus sp. C3	4
Pseudocalanus sp. C2	Ø
Pseudocalanus sp. C1	Ø
Siphonophora	-1
Temora	2
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	Ø

CRUISE	STA	DATE (EST)
ALB 74-13	62	111274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1946	4126	6806	165	26.07

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.5	35	44	32.89	8

Table 44

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	5
Calanus	0
Candacia	0
Centropages: C1 to C3	33
Centropages hamatus (GT C3) TOTAL	53
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	30
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	4
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	-1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	1
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	7
Oithona	21
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	6
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	4.83
Pseudocalanus sp. TOTAL	88
Pseudocalanus sp. C6F	31
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	8
Pseudocalanus sp. C5M	13
Psuedocalanus sp. C4F	9
Pseudocalanus sp. C4M	9
Pseudocalanus sp. C3	11
Pseudocalanus sp. C2	4
Pseudocalanus sp. C1	2
Siphonophora	0
Temora	2
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	63	111274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2146	4149	6800	165	27.9

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9	45	52	32.92	7

Table 45

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	1
Candacia	0
Centropages: C1 to C3	63
Centropages hamatus (GT C3) TOTAL	23
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	49
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	5
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	16
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	1
Mecynocera clausii	0
Metridia	2
Microcalanus	0
MYSIDACEA	0
Oithona	189
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	47
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	7
Pseudocalanus sp. TOTAL	22
Pseudocalanus sp. C6F	2
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	5
Pseudocalanus sp. C2	4
Pseudocalanus sp. C1	3
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	64	111274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2332	4201	6759	165	74.88

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.2	95	186	32.97	5

Table 46

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	54
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	32
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	7
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	5
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	9
Microcalanus	2
MYSIDACEA	0
Oithona	44
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	14
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	59
Pseudocalanus sp. C6F	31
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	9
Pseudocalanus sp. C5M	7
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	1
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	65	121274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
201	4214	6800	165	71.4044 ~~.71~~

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.3	95	195	33.21	7

Table 47

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	1
Calanus	6
Candacia	0
Centropages: C1 to C3	7
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	40
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	9
COPEPODA: NAUPLII	3
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	2
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	11

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	8
Microcalanus	23
MYSIDACEA	0
Oithona	266
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	75
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	55
Pseudocalanus sp. C6F	15
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	6
Pseudocalanus sp. C5M	9
Psuedocalanus sp. C4F	4
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	7
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	3
Siphonophora	2
Temora	0
UNIDENT.GEL.ZOOP.	4
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	70	121274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1527	4215	6729	165	67.49

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.5	98	262	32.93	5

Table 48

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	67
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	16
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	4
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	11
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	7

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	14
Microcalanus	23
MYSIDACEA	0
Oithona	162
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	26
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	16
Pseudocalanus sp. C6F	10
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	6
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	71	121274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1829	4200	6734	165	25.39

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.8	38	41	32.93	7

Table 49

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	0
Candacia	0
Centropages: C1 to C3	16
Centropages hamatus (GT C3) TOTAL	8
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	12
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	1
COPEPODA: NAUPLII	22
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	53

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	0
Oithona	78
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	28
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	55
Pseudocalanus sp. C6F	16
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	5
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	5
Pseudocalanus sp. C2	10
Pseudocalanus sp. C1	10
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	72	121274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2051	4146	6730	165	25.39

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.8	38	56	32.9	7

Table 50

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	2
Calanus	1
Candacia	0
Centropages: C1 to C3	50
Centropages hamatus (GT C3) TOTAL	26
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	76
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	3
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	4
COPEPODA: NAUPLII	3
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	4
Microcalanus	0
MYSIDACEA	0
Oithona	72
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	38
Pleuromamma	0
POLYCHAETA: LARVAE	8
PSPLIT	7
Pseudocalanus sp. TOTAL	42
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	6
Pseudocalanus sp. C5M	5
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	9
Pseudocalanus sp. C2	6
Pseudocalanus sp. C1	10
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	73	111274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2227	4129	6729	165	20.58

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.8	41	46	33.04	7

Table 51

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	4
BIVALVIA: LARVAE	16
Calanus	1
Candacia	0
Centropages: C1 to C3	108
Centropages hamatus (GT C3) TOTAL	79
C. hamatus C6	35
C. hamatus C4 and C5	44
Centropages typicus (GT C3) TOTAL	109
C. typicus C6F	20
C. typicus C6M	14
C. typicus C5	40
C. typicus C4	35
CHAETOGNATHA	11
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	12
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	3
Eurytemora	-1
FISH EGGS	2
FISH LARVAE	0
GASTROPODA	20

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	5
Oithona	128
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	33
Pleuromamma	0
POLYCHAETA: LARVAE	8
PSPLIT	7
Pseudocalanus sp. TOTAL	37
Pseudocalanus sp. C6F	6
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	6
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	11
Pseudocalanus sp. C2	4
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 74-13	74	121274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2445	4114	6729	165	21.68

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
10	35	42	32.81	8

Table 52

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	2
Calanus	0
Candacia	0
Centropages: C1 to C3	50
Centropages hamatus (GT C3) TOTAL	37
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	26
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	5
Oithona	33
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	23
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	6.415
Pseudocalanus sp. TOTAL	53
Pseudocalanus sp. C6F	15
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	5
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	14
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	9
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	4
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	75	131274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
258	4058	6728	165	41.79

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.5	62	70	33.09	8

Table 53

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	1
Candacia	0
Centropages: C1 to C3	29
Centropages hamatus (GT C3) TOTAL	2
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	99
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	18
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	4

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	6
Microcalanus	0
MYSIDACEA	0
Oithona	45
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	106
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	51
Pseudocalanus sp. C6F	9
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	11
Pseudocalanus sp. C3	10
Pseudocalanus sp. C2	5
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	76	131274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
419	4045	6731	165	52.88

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.2	80	83	33.21	7

Table 54

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	3
Calanus	5
Candacia	1
Centropages: C1 to C3	30
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	45
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	33
COPEPODA: NAUPLII	3
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	26

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	2
Metridia	7
Microcalanus	0
MYSIDACEA	0
Oithona	198
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	78
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	34
Pseudocalanus sp. C6F	4
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	8
Pseudocalanus sp. C2	9
Pseudocalanus sp. C1	6
Siphonophora	0
Temora	2
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	77	131274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
646	4029	6730	165	63.38

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
10.4	95	129	33.76	7

Table 55

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	2
Candacia	0
Centropages: C1 to C3	6
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	28
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	48
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	3
CYCLOPOIDA	6
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	1
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	10

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	7
Metridia	12
Microcalanus	0
MYSIDACEA	0
Oithona	191
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	49
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	12
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	5
Pseudocalanus sp. C2	5
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	2
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	79	131274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1745	4044	6700	165	56.59

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.2	110	110	33.38	8

Table 56

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	-1
Calanus	2
Candacia	0
Centropages: C1 to C3	8
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	98
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	50
COPEPODA: NAUPLII	8
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	0
EUPHAUSIA	1
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	29

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	4
Metridia	15
Microcalanus	0
MYSIDACEA	0
Oithona	97
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	74
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	35
Pseudocalanus sp. C6F	2
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	7
Pseudocalanus sp. C2	9
Pseudocalanus sp. C1	15
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	80	131274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2003	4102	6700	165	42.4

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.3	73	73	33.16	8

Table 57

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	7
Calanus	4
Candacia	0
Centropages: C1 to C3	55
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	107
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	3
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	10
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	19

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	2
Microcalanus	0
MYSIDACEA	0
Oithona	147
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	89
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	8
Pseudocalanus sp. TOTAL	107
Pseudocalanus sp. C6F	2
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	43
Pseudocalanus sp. C2	41
Pseudocalanus sp. C1	7
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
ALB 74-13	81	131274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1714	4116	6659	165	38.3

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 58

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	9
Calanus	5
Candacia	0
Centropages: C1 to C3	47
Centropages hamatus (GT C3) TOTAL	2
C. hamatus C6	2
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	94
C. typicus C6F	31
C. typicus C6M	15
C. typicus C5	10
C. typicus C4	38
CHAETOGNATHA	9
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	17

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	6
Oithona	209
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	138
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	7
Pseudocalanus sp. TOTAL	114
Pseudocalanus sp. C6F	16
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	6
Pseudocalanus sp. C5M	18
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	25
Pseudocalanus sp. C3	9
Pseudocalanus sp. C2	19
Pseudocalanus sp. C1	13
Siphonophora	-1
Temora	2
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	82	141274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
10	4130	6701	165	41.51

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.5	64	63	32.98	8

Table 59

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	10
Calanus	0
Candacia	0
Centropages: C1 to C3	27
Centropages hamatus (GT C3) TOTAL	6
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	15
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	8
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	1
MYSIDACEA	3
Oithona	61
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	14
Pleuromamma	0
POLYCHAETA: LARVAE	15
PSPLIT	8
Pseudocalanus sp. TOTAL	145
Pseudocalanus sp. C6F	8
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	11
Pseudocalanus sp. C5M	5
Psuedocalanus sp. C4F	21
Pseudocalanus sp. C4M	20
Pseudocalanus sp. C3	45
Pseudocalanus sp. C2	27
Pseudocalanus sp. C1	5
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	83	141274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
206	4143	6653	165	38.35

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.5	59	60	32.91	9

Table 60

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	5
Calanus	0
Candacia	0
Centropages: C1 to C3	16
Centropages hamatus (GT C3) TOTAL	9
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	10
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	3
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	6
Oithona	10
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	9
Pleuromamma	0
POLYCHAETA: LARVAE	5
PSPLIT	8
Pseudocalanus sp. TOTAL	54
Pseudocalanus sp. C6F	8
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	5
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	10
Pseudocalanus sp. C4M	8
Pseudocalanus sp. C3	10
Pseudocalanus sp. C2	7
Pseudocalanus sp. C1	2
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	84	141274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
504	4200	6701	165	44.94

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.5	59	63	33.04	6

Table 61

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	2
Calanus	2
Candacia	0
Centropages: C1 to C3	40
Centropages hamatus (GT C3) TOTAL	21
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	74
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	2
COPEPODA: NAUPLII	31
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	40

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	2
Metridia	1
Microcalanus	1
MYSIDACEA	0
Oithona	181
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	60
Pleuromamma	0
POLYCHAETA: LARVAE	4
PSPLIT	6
Pseudocalanus sp. TOTAL	121
Pseudocalanus sp. C6F	34
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	12
Pseudocalanus sp. C5M	8
Psuedocalanus sp. C4F	7
Pseudocalanus sp. C4M	7
Pseudocalanus sp. C3	15
Pseudocalanus sp. C2	15
Pseudocalanus sp. C1	18
Siphonophora	0
Temora	1
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	85	141274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
741	4216	6700	165	73.9

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.2	97	255	32.97	6

Table 62

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	1
Calanus	7
Candacia	0
Centropages: C1 to C3	4
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	14
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	5
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	16
COPEPODA: NAUPLII	5
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	14

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	1
Metridia	8
Microcalanus	14
MYSIDACEA	0
Oithona	322
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	46
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	37
Pseudocalanus sp. C6F	13
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	5
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	4
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	4
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	86	141274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1039	4230	6658	165	64.26

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.6	104	321	33.32	5

Table 63

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	8
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	5
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	8
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	9
COPEPODA: NAUPLII	5
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	5

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	2
Metridia	14
Microcalanus	28
MYSIDACEA	0
Oithona	457
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	24
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	5
Pseudocalanus sp. TOTAL	26
Pseudocalanus sp. C6F	10
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	5
Pseudocalanus sp. C5M	5
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	2
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	3
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
ALB 74-13	88	151274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1923	4217	6628	165	65.4

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.1	97	249	33.61	6

Table 64

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	-1
Calanus	3
Candacia	0
Centropages: C1 to C3	4
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	10
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	8
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	1
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	-1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	1
Microcalanus	2
MYSIDACEA	0
Oithona	57
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	49
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	23
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	6
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	5
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	89	151274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2238	4159	6633	165	48.22

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.3	85	85	33.23	7

Table 65

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	0
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	2
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	10
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	5
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	3

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	2
Metridia	0
Microcalanus	4
MYSIDACEA	0
Oithona	122
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	77
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	152
Pseudocalanus sp. C6F	91
Pseudocalanus sp. C6M	15
Psuedocalanus sp. C5F	13
Pseudocalanus sp. C5M	13
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	7
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	3
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	90	161274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
112	4147	6630	165	47.25

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.8	83	83	33.04	7

Table 66

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	2
BIVALVIA: LARVAE	2
Calanus	0
Candacia	0
Centropages: C1 to C3	23
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	26
C. typicus C6F	9
C. typicus C6M	6
C. typicus C5	6
C. typicus C4	5
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	12
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	298
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	49
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	7
Pseudocalanus sp. TOTAL	77
Pseudocalanus sp. C6F	24
Pseudocalanus sp. C6M	6
Psuedocalanus sp. C5F	7
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	9
Pseudocalanus sp. C4M	8
Pseudocalanus sp. C3	12
Pseudocalanus sp. C2	8
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	91	161274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
355	4131	6630	165	58.35

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.7	84	89	33.35	7

Table 67

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	2
Candacia	0
Centropages: C1 to C3	28
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	66
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	8
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	29
COPEPODA: NAUPLII	11
COPEPODA: UNIDENT.	2
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	6

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	2
Metridia	3
Microcalanus	1
MYSIDACEA	0
Oithona	101
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	74
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6.415
Pseudocalanus sp. TOTAL	80
Pseudocalanus sp. C6F	12
Pseudocalanus sp. C6M	7
Psuedocalanus sp. C5F	6
Pseudocalanus sp. C5M	13
Psuedocalanus sp. C4F	10
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	13
Pseudocalanus sp. C2	9
Pseudocalanus sp. C1	4
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	92	161274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
614	4114	6630	165	61.5

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.7	90	91	33.39	9

Table 68

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	0
Candacia	0
Centropages: C1 to C3	19
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	57
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	9
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	4
COPEPODA: UNIDENT.	2
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	9

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	1
Microcalanus	1
MYSIDACEA	0
Oithona	70
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	45
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	9
Pseudocalanus sp. TOTAL	100
Pseudocalanus sp. C6F	2
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	9
Pseudocalanus sp. C4M	15
Pseudocalanus sp. C3	32
Pseudocalanus sp. C2	31
Pseudocalanus sp. C1	3
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	93	161274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
828	4059	6630	165	69.81

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
10.9	100	113	34.29	7

Table 69

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	2
Candacia	0
Centropages: C1 to C3	20
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	46
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	37
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	2
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	4
Metridia	1
Microcalanus	0
MYSIDACEA	0
Oithona	116
OSTRACODA	1
Paracalanus crassirostrus	0
Paracalanus parvus	56
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	4
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	94	161274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1340	4115	6601	165	61.55

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
13.8	100	1554	35.2	5

Table 70

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	5
BIVALVIA: LARVAE	0
Calanus	0
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	4
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	5
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	6
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	4
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	5
Metridia	0
Microcalanus	0
MYSIDACEA	0
Oithona	113
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	24
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	3
Pseudocalanus sp. C6F	2
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	1
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 74-13	95	161274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1755	4128	6558	165	60.41

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.2	100	253	33.48	6

Table 71

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	7
BIVALVIA: LARVAE	1
Calanus	1
Candacia	1
Centropages: C1 to C3	6
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	2
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	46
COPEPODA: NAUPLII	7
COPEPODA: UNIDENT.	2
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	3
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	13

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	5
Metridia	29
Microcalanus	10
MYSIDACEA	0
Oithona	409
OSTRACODA	1
Paracalanus crassirostrus	0
Paracalanus parvus	30
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	6
Pseudocalanus sp. C6F	1
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	2
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	96	161274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2135	4144	6600	165	64.82

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8.4	94	99	32.93	5

Table 72

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	2
Calanus	1
Candacia	3
Centropages: C1 to C3	18
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	22
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	31
COPEPODA: NAUPLII	8
COPEPODA: UNIDENT.	4
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	20

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	3
Metridia	28
Microcalanus	6
MYSIDACEA	1
Oithona	347
OSTRACODA	2
Paracalanus crassirostrus	0
Paracalanus parvus	42
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	11
Pseudocalanus sp. C6F	4
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	2
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	1
UNIDENT.GEL.ZOOP.	7
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 74-13	99	161274

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1119	4214	6558	165	76.06

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
7.8	100	1141	32.5	6

Table 73

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	3
Candacia	0
Centropages: C1 to C3	35
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	129
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	8
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	55
COPEPODA: NAUPLII	5
COPEPODA: UNIDENT.	4
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	3

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	9
Metridia	28
Microcalanus	2
MYSIDACEA	0
Oithona	499
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	33
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	10
Pseudocalanus sp. C6F	7
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	1
Siphonophora	1
Temora	0
UNIDENT.GEL.ZOOP.	2
UNIDENT. ZOOP. OTHER	2

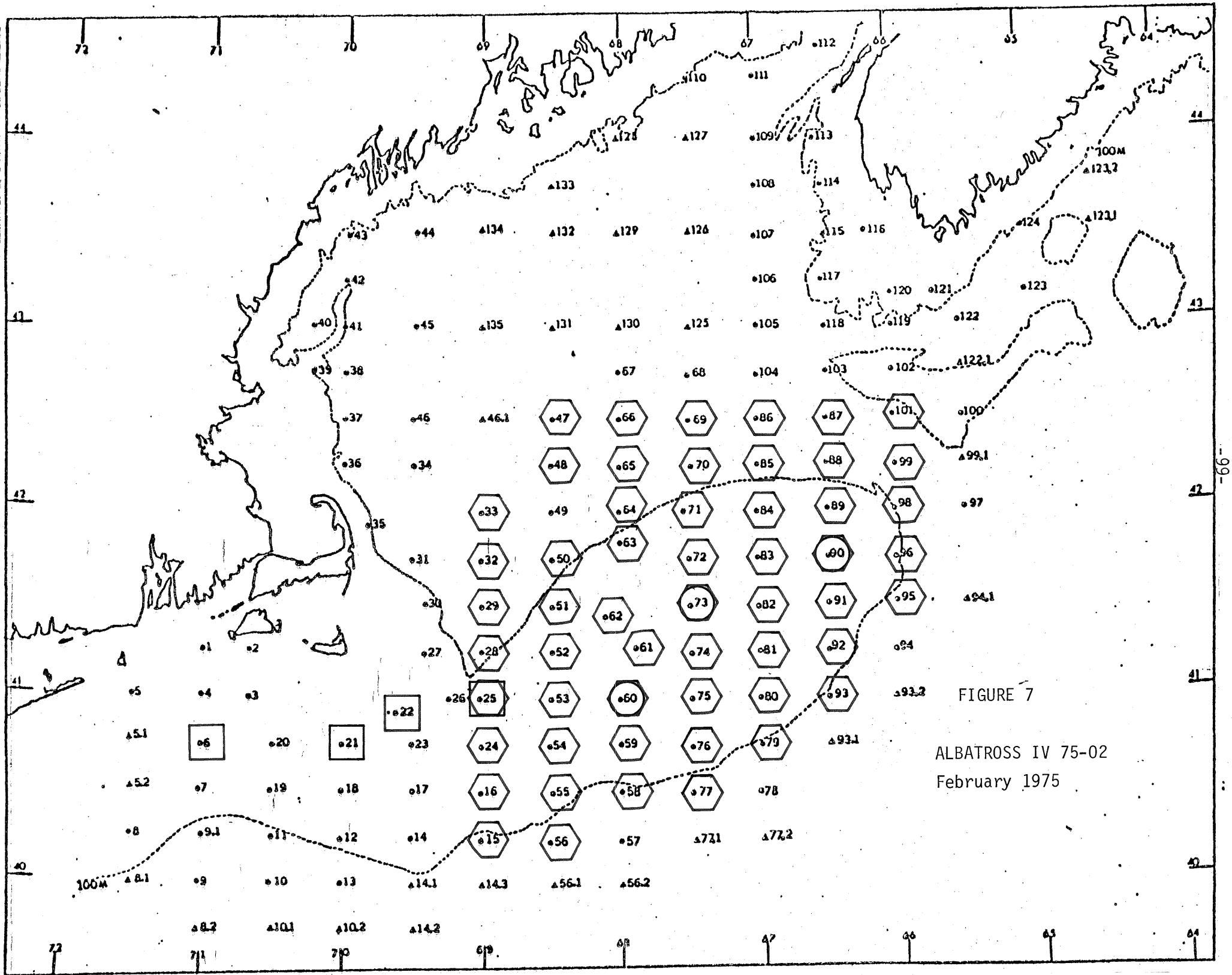

FIGURE 7

ALBATROSS IV 75-02
February 1975

CRUISE	STA	DATE (EST)
ALB 75-02	6	270275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1213	4046	7100	165	32.74

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	58	60	33.1	8

Table 74

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	30
BIVALVIA: LARVAE	30
Calanus	0
Candacia	0
Centropages: C1 to C3	11
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	4
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	4
CHAETOGNATHA	7
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	114

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	0
Oithona	115
OSTRACODA	0
Paracalanus crassirostrus	42
Paracalanus parvus	14
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	5
Pseudocalanus sp. TOTAL	187
Pseudocalanus sp. C6F	65
Pseudocalanus sp. C6M	8
Psuedocalanus sp. C5F	17
Pseudocalanus sp. C5M	17
Psuedocalanus sp. C4F	27
Pseudocalanus sp. C4M	12
Pseudocalanus sp. C3	22
Pseudocalanus sp. C2	13
Pseudocalanus sp. C1	6
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	11

CRUISE	STA	DATE (EST)
ALB 75-02	15	250275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
146	4015	6900	165	63.11

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.8	93	115	32.88	7

Table 75

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	10
BIVALVIA: LARVAE	0
Calanus	1
Candacia	0
Centropages: C1 to C3	7
Centropages hamatus (GT C3) TOTAL	20
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	16
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	17

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	10
Microcalanus	0
MYSIDACEA	0
Oithona	16
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	5
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	60
Pseudocalanus sp. C6F	18
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	5
Pseudocalanus sp. C5M	10
Psuedocalanus sp. C4F	11
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	5
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	16	250275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1	4030	6900	165	37.29

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	62	75	33.1	8

Table 76

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	165
BIVALVIA: LARVAE	0
Calanus	9
Candacia	0
Centropages: C1 to C3	54
Centropages hamatus (GT C3) TOTAL	7
C. hamatus C6	5
C. hamatus C4 and C5	2
Centropaces typicus (GT C3) TOTAL	24
C. typicus C6F	5
C. typicus C6M	3
C. typicus C5	5
C. typicus C4	11
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	44
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	15

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	4
Microcalanus	-1
MYSIDACEA	0
Oithona	116
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	3
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	206
Pseudocalanus sp. C6F	28
Pseudocalanus sp. C6M	13
Psuedocalanus sp. C5F	15
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	20
Pseudocalanus sp. C4M	14
Pseudocalanus sp. C3	29
Pseudocalanus sp. C2	30
Pseudocalanus sp. C1	53
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	3

CRUISE	STA	DATE (EST)
ALB 75-02	21	240275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1902	4040	7000	165	10.97

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	4

Table 77

TAXONOMIC GROUPING	COUNT
Acartia	0
Altautha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	1
Calanus	3
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	0
C. hamatus C4 and C5	1
Centropaces typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	24
CIRRIPEDIA: NAUPLII	11
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	10
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	57
FISH LARVAE	0
GASTROPODA	2

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	3
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	4
Oithona	75
OSTRACODA	4
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	4
Pseudocalanus sp. TOTAL	114
Pseudocalanus sp. C6F	15
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	11
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	7
Pseudocalanus sp. C3	17
Pseudocalanus sp. C2	22
Pseudocalanus sp. C1	31
Siphonophora	-1
Temora	2
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	22	250275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1350	4054	6940	165	14.82

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	35	40	33.1	7

Table 78

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	25
BIVALVIA: LARVAE	1
Calanus	8
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	251
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	33
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	7

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	90
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	5
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	21
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	2
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	6
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	24	240275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2158	4045	6900	165	34.24

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	65	70	33.1	8

Table 79

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	146
BIVALVIA: LARVAE	0
Calanus	10
Candacia	0
Centropages: C1 to C3	58
Centropages hamatus (GT C3) TOTAL	8
C. hamatus C6	6
C. hamatus C4 and C5	2
Centropages typicus (GT C3) TOTAL	13
C. typicus C6F	4
C. typicus C6M	2
C. typicus C5	5
C. typicus C4	2
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	46
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	12

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	82
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	6
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	263
Pseudocalanus sp. C6F	36
Pseudocalanus sp. C6M	8
Psuedocalanus sp. C5F	9
Pseudocalanus sp. C5M	24
Psuedocalanus sp. C4F	17
Pseudocalanus sp. C4M	15
Pseudocalanus sp. C3	27
Pseudocalanus sp. C2	68
Pseudocalanus sp. C1	59
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 75-02	25	240275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1927	4100	6900	165	39.27

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	71	76	33.1	7

Table 80

TAXONOMIC GROUPING	COUNT
Acartia	2
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	203
BIVALVIA: LARVAE	0
Calanus	4
Candacia	0
Centropages: C1 to C3	28
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	6
C. typicus C6F	0
C. typicus C6M	3
C. typicus C5	1
C. typicus C4	2
CHAETOGNATHA	12
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	25
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	10

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	3
Microcalanus	-1
MYSIDACEA	0
Oithona	158
OSTRACODA	0
Paracalanus crassirostrus	2
Paracalanus parvus	4
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	104
Pseudocalanus sp. C6F	60
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	8
Psuedocalanus sp. C4F	10
Pseudocalanus sp. C4M	16
Pseudocalanus sp. C3	4
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
ALB 75-02	125	240275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1927	4100	6900	165	39.27

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	71	76	33.1	7

Table 81

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	59
BIVALVIA: LARVAE	0
Calanus	3
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	3
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	4
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	19
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	4

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	47
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	4
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	89
Pseudocalanus sp. C6F	44
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	8
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	10
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	4
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	225	240275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1927	4100	6900	165	39.27

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	71	76	33.1	7

Table 82

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	49
BIVALVIA: LARVAE	0
Calanus	1
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	3
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	22
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	56
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	81
Pseudocalanus sp. C6F	33
Pseudocalanus sp. C6M	6
Psuedocalanus sp. C5F	7
Pseudocalanus sp. C5M	5
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	12
Pseudocalanus sp. C2	5
Pseudocalanus sp. C1	7
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	325	240275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1927	4100	6900	165	39.27

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	71	76	33.1	7

Table 83

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	50
BIVALVIA: LARVAE	0
Calanus	3
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	3
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	7
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	21
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	1
GASTROPODA	6

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	61
OSTRACODA	1
Paracalanus crassirostrus	0
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	63
Pseudocalanus sp. C6F	20
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	7
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	9
Pseudocalanus sp. C2	6
Pseudocalanus sp. C1	5
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	3

CRUISE	STA	DATE (EST)
ALB 75-02	28	240275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1233	4115	6860	165	58.05

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.9	98	143	33.18	6

Table 84

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	44
BIVALVIA: LARVAE	0
Calanus	26
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	2
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	1
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	3
Microcalanus	0
MYSIDACEA	0
Oithona	12
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	2
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	119
Pseudocalanus sp. C6F	96
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	5
Pseudocalanus sp. C5M	8
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	29	240275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
950	4130	6900	165	69.4

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
6	100	154	33.24	6

Table 85

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	39
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	3
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	16

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	2
Microcalanus	2
MYSIDACEA	0
Oithona	118
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	4
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	581
Pseudocalanus sp. C6F	495
Pseudocalanus sp. C6M	14
Psuedocalanus sp. C5F	34
Pseudocalanus sp. C5M	26
Psuedocalanus sp. C4F	7
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	32	240275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
330	4145	6900	165	75.5

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
6.2	85	172	33.34	5

Table 86

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	78
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	3
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	14

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	5
Microcalanus	20
MYSIDACEA	0
Oithona	165
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	41
Pseudocalanus sp. C6F	36
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	33	150275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1745	4200	6901	165	71.1

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
6.3	108	174	33.44	5

Table 87

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	26
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	5
COPEPODA: UNIDENT.	4
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	7

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	2
Microcalanus	0
MYSIDACEA	0
Oithona	47
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	2
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	45
Pseudocalanus sp. C6F	40
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	47	160275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
16	4231	6830	165	83.89

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.5	100	223	32.95	6

Table 88

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	35
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	4
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	17
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	2
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	9

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	15
Microcalanus	0
MYSIDACEA	0
Oithona	18
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	3
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	15
Pseudocalanus sp. C6F	12
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	48	150275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2135	4215	6830	165	80.66

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
6	105	170	33.29	5

Table 89

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	45
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	2
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	48
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	4

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	23
Microcalanus	22
MYSIDACEA	0
Oithona	503
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	11
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	53
Pseudocalanus sp. C6F	40
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	5
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	11
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 75-02	50	240275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
212	4145	6829	165	70.43

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
6.2	90	183	33.18	3

Table 90

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	202
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	3
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	14
COPEPODA: UNIDENT.	-1
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	18

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	25
Microcalanus	31
MYSIDACEA	0
Oithona	847
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	38
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	3
Pseudocalanus sp. TOTAL	52
Pseudocalanus sp. C6F	35
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	8
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	-1

CRUISE	STA	DATE (EST)
ALB 75-02	51	230275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2310	4130	6830	165	68.39

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	93	93	33.1	6

Table 91

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	22
BIVALVIA: LARVAE	0
Calanus	15
Candacia	0
Centropages: C1 to C3	20
Centropages hamatus (GT C3) TOTAL	12
C. hamatus C6	11
C. hamatus C4 and C5	1
Centropages typicus (GT C3) TOTAL	4
C. typicus C6F	1
C. typicus C6M	1
C. typicus C5	0
C. typicus C4	2
CHAETOGNATHA	3
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	17
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	18
FISH LARVAE	0
GASTROPODA	50

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	0
Oithona	111
OSTRACODA	0
Paracalanus crassirostrus	4
Paracalanus parvus	3
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	6
Pseudocalanus sp. TOTAL	140
Pseudocalanus sp. C6F	101
Pseudocalanus sp. C6M	9
Psuedocalanus sp. C5F	7
Pseudocalanus sp. C5M	16
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 75-02	52	230275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2136	4115	6830	165	26.26

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	45	55	33.1	6

Table 92

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	2
APPENDICULARIA	233
BIVALVIA: LARVAE	1
Calanus	8
Candacia	0
Centropages: C1 to C3	43
Centropages hamatus (GT C3) TOTAL	10
C. hamatus C6	8
C. hamatus C4 and C5	2
Centropages typicus (GT C3) TOTAL	7
C. typicus C6F	5
C. typicus C6M	1
C. typicus C5	1
C. typicus C4	0
CHAETOGNATHA	17
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	33
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	14

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	72
OSTRACODA	1
Paracalanus crassirostrus	2
Paracalanus parvus	2
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	5
Pseudocalanus sp. TOTAL	133
Pseudocalanus sp. C6F	46
Pseudocalanus sp. C6M	17
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	5
Psuedocalanus sp. C4F	8
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	11
Pseudocalanus sp. C2	22
Pseudocalanus sp. C1	18
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	55	230275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1614	4030	6830	165	50.55

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	88	91	33.1	8

Table 96

TAXONOMIC GROUPING	COUNT
Acartia	5
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	37
BIVALVIA: LARVAE	1
Calanus	1
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	19
C. hamatus C6	9
C. hamatus C4 and C5	10
Centropaces typicus (GT C3) TOTAL	6
C. typicus C6F	3
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	3
CHAETOGNATHA	14
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	6
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	15

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	29
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	8
Pseudocalanus sp. TOTAL	136
Pseudocalanus sp. C6F	28
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	12
Pseudocalanus sp. C5M	11
Psuedocalanus sp. C4F	21
Pseudocalanus sp. C4M	18
Pseudocalanus sp. C3	29
Pseudocalanus sp. C2	48
Pseudocalanus sp. C1	45
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	5

CRUISE	STA	DATE (EST)
ALB 75-02	53	230275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2013	4100	6830	165	30.24

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	47	50	33.1	6

Table 93

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	195
BIVALVIA: LARVAE	0
Calanus	0
Candacia	0
Centropages: C1 to C3	31
Centropages hamatus (GT C3) TOTAL	26
C. hamatus C6	20
C. hamatus C4 and C5	6
Centropages typicus (GT C3) TOTAL	4
C. typicus C6F	0
C. typicus C6M	2
C. typicus C5	0
C. typicus C4	2
CHAETOGNATHA	10
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	25
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	7

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	29
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	5
PSPLIT	6
Pseudocalanus sp. TOTAL	100
Pseudocalanus sp. C6F	24
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	5
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	10
Pseudocalanus sp. C2	15
Pseudocalanus sp. C1	32
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	9

CRUISE	STA	DATE (EST)
ALB 75-02	54	230275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1817	4045	6830	165	25.28

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	53	53	33.1	7

Table 94

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	219
BIVALVIA: LARVAE	1
Calanus	0
Candacia	0
Centropages: C1 to C3	34
Centropages hamatus (GT C3) TOTAL	22
C. hamatus C6	18
C. hamatus C4 and C5	4
Centropages typicus (GT C3) TOTAL	3
C. typicus C6F	1
C. typicus C6M	2
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	8
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	23
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	6

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	30
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	7
Pseudocalanus sp. TOTAL	67
Pseudocalanus sp. C6F	10
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	8
Pseudocalanus sp. C5M	7
Psuedocalanus sp. C4F	11
Pseudocalanus sp. C4M	7
Pseudocalanus sp. C3	12
Pseudocalanus sp. C2	10
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	81

CRUISE	STA	DATE (EST)
ALB 75-02	56	230275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1521	4015	6830	165	66.13

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.7	98	160	33.09	7

Table 96

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	64
BIVALVIA: LARVAE	0
Calanus	16
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	2
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	7
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	2
COPEPODA: NAUPLII	38
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	29

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	3
Metridia	5
Microcalanus	8
MYSIDACEA	0
Oithona	145
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	5
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	119
Pseudocalanus sp. C6F	4
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	10
Psuedocalanus sp. C4F	10
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	23
Pseudocalanus sp. C2	32
Pseudocalanus sp. C1	27
Siphonophora	0
Temora	1
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	58	230275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1130	4031	6759	165	62.81

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.4	95	110	32.91	7

Table 97

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	2
BIVALVIA: LARVAE	0
Calanus	9
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	2
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	17
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	9
COPEPODA: NAUPLII	76
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	12

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	2
Metridia	12
Microcalanus	9
MYSIDACEA	0
Oithona	80
OSTRACODA	1
Paracalanus crassirostrus	0
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	72
Pseudocalanus sp. C6F	8
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	13
Pseudocalanus sp. C5M	6
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	16
Pseudocalanus sp. C2	10
Pseudocalanus sp. C1	8
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	59	230275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
917	4045	6759	165	41.8

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	72	77	33.1	7

Table 98

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	54
BIVALVIA: LARVAE	0
Calanus	4
Candacia	0
Centropages: C1 to C3	78
Centropages hamatus (GT C3) TOTAL	7
C. hamatus C6	2
C. hamatus C4 and C5	5
Centropages typicus (GT C3) TOTAL	44
C. typicus C6F	4
C. typicus C6M	7
C. typicus C5	10
C. typicus C4	23
CHAETOGNATHA	11
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	9
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	124
OSTRACODA	1
Paracalanus crassirostrus	1
Paracalanus parvus	3
Pleuromamma	0
POLYCHAETA: LARVAE	4
PSPLIT	7
Pseudocalanus sp. TOTAL	240
Pseudocalanus sp. C6F	24
Pseudocalanus sp. C6M	13
Psuedocalanus sp. C5F	31
Pseudocalanus sp. C5M	19
Psuedocalanus sp. C4F	43
Pseudocalanus sp. C4M	19
Pseudocalanus sp. C3	40
Pseudocalanus sp. C2	25
Pseudocalanus sp. C1	18
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	60	230275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
708	4100	6800	165	18.79

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	50	53	33.1	7

Table 99

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	89
BIVALVIA: LARVAE	0
Calanus	6
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	5
C. hamatus C6	2
C. hamatus C4 and C5	3
Centropaces typicus (GT C3) TOTAL	7
C. typicus C6F	3
C. typicus C6M	1
C. typicus C5	1
C. typicus C4	2
CHAETOGNATHA	22
CIRRIPEDIA: NAUPLII	1
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	78
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	12

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	1
Oithona	96
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	6
Pseudocalanus sp. TOTAL	166
Pseudocalanus sp. C6F	18
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	9
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	7
Pseudocalanus sp. C3	31
Pseudocalanus sp. C2	30
Pseudocalanus sp. C1	51
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	121

CRUISE	STA	DATE (EST)
ALB 75-02	61	230275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
518	4116	6753	165	14.63

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	28	33	33.1	7

Table 100

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	0
APPENDICULARIA	51
BIVALVIA: LARVAE	5
Calanus	7
Candacia	0
Centropages: C1 to C3	53
Centropages hamatus (GT C3) TOTAL	9
C. hamatus C6	3
C. hamatus C4 and C5	6
Centropaces typicus (GT C3) TOTAL	2
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	2
C. typicus C4	0
CHAETOGNATHA	16
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	36
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	9

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	0
Oithona	75
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	2
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	99
Pseudocalanus sp. C6F	6
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	8
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	15
Pseudocalanus sp. C2	26
Pseudocalanus sp. C1	30
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	218

CRUISE	STA	DATE (EST)
ALB 75-02	62	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1820	4125	6806	165	13.89

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	31	36	33.1	7

Table 101

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	1
APPENDICULARIA	214
BIVALVIA: LARVAE	0
Calanus	11
Candacia	0
Centropages: C1 to C3	48
Centropages hamatus (GT C3) TOTAL	7
C. hamatus C6	7
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	9
C. typicus C6F	1
C. typicus C6M	0
C. typicus C5	4
C. typicus C4	4
CHAETOGNATHA	8
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	36
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	1
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	51
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	2
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	4
Pseudocalanus sp. TOTAL	338
Pseudocalanus sp. C6F	13
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	13
Pseudocalanus sp. C5M	15
Psuedocalanus sp. C4F	16
Pseudocalanus sp. C4M	10
Pseudocalanus sp. C3	34
Pseudocalanus sp. C2	83
Pseudocalanus sp. C1	153
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	22

CRUISE	STA	DATE (EST)
ALB 75-02	63	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1523	4150	6800	165	28.61

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	52	57	33.1	6

Table 102

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	17
BIVALVIA: LARVAE	0
Calanus	11
Candacia	0
Centropages: C1 to C3	17
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	5
CIRRIPEDIA: NAUPLII	1
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	56
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	2
FISH LARVAE	0
GASTROPODA	36

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	2
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	0
Oithona	227
OSTRACODA	0
Paracalanus crassirostrus	5
Paracalanus parvus	4
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	5
Pseudocalanus sp. TOTAL	168
Pseudocalanus sp. C6F	91
Pseudocalanus sp. C6M	15
Psuedocalanus sp. C5F	7
Pseudocalanus sp. C5M	9
Psuedocalanus sp. C4F	8
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	6
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	18
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
ALB 75-02	64	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1258	4200	6800	165	77.68

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.9	98	201	33.31	5

Table 103

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	76
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropaces typicus (GT C3) TOTAL	7
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	32
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	25

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	16
Microcalanus	16
MYSIDACEA	0
Oithona	129
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	8
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	41
Pseudocalanus sp. C6F	28
Pseudocalanus sp. C6M	6
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	65	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1116	4215	6760	165	77.55

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.7	113	227	32.78	6

Table 104

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	11
BIVALVIA: LARVAE	0
Calanus	35
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	8
COPEPODA: NAUPLII	24
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	2
FISH LARVAE	0
GASTROPODA	12

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	16
Microcalanus	85
MYSIDACEA	0
Oithona	272
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	5
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	37
Pseudocalanus sp. C6F	21
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	12
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	66	160275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
251	4230	6800	165	71.91

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
3.8	110	216	32.55	5

Table 105

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	36
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	132
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	1
EUPHAUSIA	1
Eurytemora	0
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	7

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	8
Microcalanus	26
MYSIDACEA	0
Oithona	160
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	9
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	9
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	6
UNIDENT. ZOOP. OTHER	5

CRUISE	STA	DATE (EST)
ALB 75-02	69	160275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
607	4230	6732	165	81.11

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
3.5	100	284	32.27	6

Table 106

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	9
BIVALVIA: LARVAE	0
Calanus	20
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	3
COPEPODA: NAUPLII	17
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	6

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	16
Microcalanus	40
MYSIDACEA	0
Oithona	465
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	18
Pseudocalanus sp. C6F	4
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	8
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	70	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
857	4215	6730	165	77.59

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
3.6	90	289	32.3	5

Table 107

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	6
BIVALVIA: LARVAE	0
Calanus	40
Candacia	0
Centropages: C1 to C3	4
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	144
COPEPODA: UNIDENT.	9
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	23

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	50
Microcalanus	103
MYSIDACEA	0
Oithona	661
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	15
Pleuromamma	1
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	43
Pseudocalanus sp. C6F	8
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	6
Pseudocalanus sp. C2	8
Pseudocalanus sp. C1	17
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 75-02	71	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
705	4200	6734	165	25.17

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	35	40	33.1	4

Table 108

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	15
BIVALVIA: LARVAE	0
Calanus	29
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	1
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	3
C. typicus C6F	2
C. typicus C6M	1
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	45
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	45

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	3
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	8
Microcalanus	-1
MYSIDACEA	0
Oithona	182
OSTRACODA	0
Paracalanus crassirostrus	3
Paracalanus parvus	7
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	3
Pseudocalanus sp. TOTAL	114
Pseudocalanus sp. C6F	36
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	10
Pseudocalanus sp. C2	29
Pseudocalanus sp. C1	31
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	72	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
505	4145	6730	165	28.12

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	45	49	33.1	7

Table 109

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	21
BIVALVIA: LARVAE	0
Calanus	40
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	3
C. hamatus C6	3
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	1
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	104
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	40

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	5
Microcalanus	-1
MYSIDACEA	0
Oithona	140
OSTRACODA	0
Paracalanus crassirostrus	2
Paracalanus parvus	13
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	6
Pseudocalanus sp. TOTAL	158
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	11
Pseudocalanus sp. C2	37
Pseudocalanus sp. C1	84
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 75-02	73	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
445	4130	6730	165	21.3

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	39	44	33.1	7

Table 110

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	0
APPENDICULARIA	9
BIVALVIA: LARVAE	6
Calanus	0
Candacia	0
Centropages: C1 to C3	78
Centropages hamatus (GT C3) TOTAL	3
C. hamatus C6	2
C. hamatus C4 and C5	1
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	0
C. typicus C6M	1
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	5
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	110
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	12

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	1
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	0
Oithona	58
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	4
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	6
Pseudocalanus sp. TOTAL	106
Pseudocalanus sp. C6F	2
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	5
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	2
Pseudocalanus sp. C2	20
Pseudocalanus sp. C1	53
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	74	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
222	4115	6730	165	21.49

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	39	44	33.1	5

Table 111

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	10
AMPHIPODA	0
APPENDICULARIA	4
BIVALVIA: LARVAE	12
Calanus	6
Candacia	0
Centropages: C1 to C3	21
Centropages hamatus (GT C3) TOTAL	24
C. hamatus C6	17
C. hamatus C4 and C5	7
Centropages typicus (GT C3) TOTAL	3
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	3
C. typicus C4	0
CHAETOGNATHA	21
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	29
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	1
GASTROPODA	78

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	14
Oithona	75
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	3
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	350
Pseudocalanus sp. C6F	67
Pseudocalanus sp. C6M	19
Psuedocalanus sp. C5F	58
Pseudocalanus sp. C5M	47
Psuedocalanus sp. C4F	34
Pseudocalanus sp. C4M	9
Pseudocalanus sp. C3	40
Pseudocalanus sp. C2	35
Pseudocalanus sp. C1	42
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 75-02	75	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
54	4100	6731	165	41.51

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	59	64	33.1	8

Table 112

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	6
BIVALVIA: LARVAE	0
Calanus	1
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	4
C. hamatus C6	1
C. hamatus C4 and C5	3
Centropages typicus (GT C3) TOTAL	4
C. typicus C6F	2
C. typicus C6M	1
C. typicus C5	1
C. typicus C4	0
CHAETOGNATHA	5
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	7
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	2
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	4

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	3
Microcalanus	-1
MYSIDACEA	0
Oithona	53
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	456
Pseudocalanus sp. C6F	57
Pseudocalanus sp. C6M	22
Psuedocalanus sp. C5F	70
Pseudocalanus sp. C5M	76
Psuedocalanus sp. C4F	46
Pseudocalanus sp. C4M	43
Pseudocalanus sp. C3	56
Pseudocalanus sp. C2	67
Pseudocalanus sp. C1	19
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	76	180275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2317	4045	6730	165	53.37

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	75	88	33.1	8

Table 113

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	0
APPENDICULARIA	81
BIVALVIA: LARVAE	0
Calanus	10
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	8
C. typicus C6F	2
C. typicus C6M	2
C. typicus C5	4
C. typicus C4	0
CHAETOGNATHA	15
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	92
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	2
FISH LARVAE	0
GASTROPODA	17

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	124
OSTRACODA	0
Paracalanus crassirostrus	5
Paracalanus parvus	2
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	221
Pseudocalanus sp. C6F	23
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	29
Pseudocalanus sp. C5M	11
Psuedocalanus sp. C4F	27
Pseudocalanus sp. C4M	16
Pseudocalanus sp. C3	34
Pseudocalanus sp. C2	30
Pseudocalanus sp. C1	49
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	77	180275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2141	4031	6731	165	77.17

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
7	85	119	33.49	7

Table 114

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	3
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	22
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	6
Metridia	16
Microcalanus	3
MYSIDACEA	0
Oithona	79
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	1
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	79	180275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1825	4046	6702	165	73.59

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.7	79	102	32.66	6

Table 115

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	2
BIVALVIA: LARVAE	1
Calanus	1
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	12
COPEPODA: NAUPLII	10
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	2

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	1
Metridia	3
Microcalanus	2
MYSIDACEA	0
Oithona	157
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	2
Pleuromamma	1
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	1
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 75-02	80	180275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1515	4101	6701	165	33.4

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	60	70	33.1	8

Table 116

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	49
BIVALVIA: LARVAE	0
Calanus	29
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	1
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	1
C. typicus C4	0
CHAETOGNATHA	12
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	56
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	10

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	14
Microcalanus	-1
MYSIDACEA	0
Oithona	97
OSTRACODA	0
Paracalanus crassirostrus	2
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	174
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	11
Pseudocalanus sp. C2	67
Pseudocalanus sp. C1	82
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	81	180275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1254	4115	6701	165	34.05

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	67	67	33.1	6

Table 117

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	264
BIVALVIA: LARVAE	0
Calanus	13
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	1
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	8
C. typicus C6F	0
C. typicus C6M	4
C. typicus C5	2
C. typicus C4	2
CHAETOGNATHA	3
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	40
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	2
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	1
FISH LARVAE	1
GASTROPODA	17

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	177
OSTRACODA	1
Paracalanus crassirostrus	1
Paracalanus parvus	3
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	255
Pseudocalanus sp. C6F	16
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	9
Pseudocalanus sp. C5M	21
Psuedocalanus sp. C4F	26
Pseudocalanus sp. C4M	23
Pseudocalanus sp. C3	37
Pseudocalanus sp. C2	67
Pseudocalanus sp. C1	55
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	82	180275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1025	4130	6700	165	32.14

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	58	60	33.1	7

Table 118

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	1
APPENDICULARIA	11
BIVALVIA: LARVAE	5
Calanus	7
Candacia	1
Centropages: C1 to C3	5
Centropages hamatus (GT C3) TOTAL	2
C. hamatus C6	1
C. hamatus C4 and C5	1
Centropages typicus (GT C3) TOTAL	4
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	3
C. typicus C4	1
CHAETOGNATHA	11
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	26
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	36

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	113
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	3
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	283
Pseudocalanus sp. C6F	41
Pseudocalanus sp. C6M	15
Psuedocalanus sp. C5F	11
Pseudocalanus sp. C5M	11
Psuedocalanus sp. C4F	20
Pseudocalanus sp. C4M	10
Pseudocalanus sp. C3	30
Pseudocalanus sp. C2	61
Pseudocalanus sp. C1	85
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	83	180275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
819	4145	6700	165	29.5

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	55	59	33.1	5

Table 119

TAXONOMIC GROUPING	COUNT
Acartia	2
Alteutha	4
AMPHIPODA	2
APPENDICULARIA	47
BIVALVIA: LARVAE	1
Calanus	29
Candacia	0
Centropages: C1 to C3	16
Centropages hamatus (GT C3) TOTAL	5
C. hamatus C6	5
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	8
C. typicus C6F	2
C. typicus C6M	1
C. typicus C5	3
C. typicus C4	2
CHAETOGNATHA	14
CIRRIPEDIA: NAUPLII	1
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	162
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	35
FISH LARVAE	0
GASTROPODA	119

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	0
Oithona	124
OSTRACODA	2
Paracalanus crassirostrus	2
Paracalanus parvus	16
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	237
Pseudocalanus sp. C6F	37
Pseudocalanus sp. C6M	7
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	8
Psuedocalanus sp. C4F	9
Pseudocalanus sp. C4M	12
Pseudocalanus sp. C3	20
Pseudocalanus sp. C2	32
Pseudocalanus sp. C1	103
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	84	180275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
632	4159	6700	165	28.96

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	58	59	33.1	5

Table 120

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	8
BIVALVIA: LARVAE	2
Calanus	20
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	6
C. hamatus C6	5
C. hamatus C4 and C5	1
Centropages typicus (GT C3) TOTAL	13
C. typicus C6F	4
C. typicus C6M	5
C. typicus C5	1
C. typicus C4	3
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	1
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	28
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	3
Euchaeta	-1
EUPHAUSIA	1
Eurytemora	-1
FISH EGGS	30
FISH LARVAE	0
GASTROPODA	98

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	5
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	6
Microcalanus	-1
MYSIDACEA	0
Oithona	45
OSTRACODA	2
Paracalanus crassirostrus	0
Paracalanus parvus	19
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	5
Pseudocalanus sp. TOTAL	142
Pseudocalanus sp. C6F	67
Pseudocalanus sp. C6M	9
Psuedocalanus sp. C5F	9
Pseudocalanus sp. C5M	13
Psuedocalanus sp. C4F	9
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	8
Pseudocalanus sp. C2	12
Pseudocalanus sp. C1	9
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	85	180275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
333	4215	6701	165	66.47

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.8	100	245	33.35	5

Table 121

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	38
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	9
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	5
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	30
COPEPODA: UNIDENT.	3
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	1
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	15

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	15
Microcalanus	0
MYSIDACEA	0
Oithona	93
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	12
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	167
Pseudocalanus sp. C6F	112
Pseudocalanus sp. C6M	12
Psuedocalanus sp. C5F	11
Pseudocalanus sp. C5M	17
Psuedocalanus sp. C4F	7
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	86	160275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
826	4230	6700	165	74.19

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
2.3	105	329	31.93	6

Table 122

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	9
BIVALVIA: LARVAE	0
Calanus	41
Candacia	0
Centropages: C1 to C3	7
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	5
COPEPODA: NAUPLII	99
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	18

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	18
Microcalanus	21
MYSIDACEA	0
Oithona	348
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	6
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	6
Pseudocalanus sp. TOTAL	56
Pseudocalanus sp. C6F	9
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	5
Pseudocalanus sp. C2	10
Pseudocalanus sp. C1	22
Siphonophora	1
Temora	0
UNIDENT.GEL.ZOOP.	1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	87	160275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1250	4230	6631	165	68.4

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
2	120	274	31.81	6

Table 123

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	15
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	2
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	1
COPEPODA: NAUPLII	42
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	8
Microcalanus	35
MYSIDACEA	0
Oithona	194
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	89
Pseudocalanus sp. C6F	68
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	5
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	4
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	88	180275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
8	4215	6631	165	74.13

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
3.7	95	252	32.49	6

Table 124

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	26
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	61
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	4

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	1
Microcalanus	0
MYSIDACEA	0
Oithona	117
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	4
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	291
Pseudocalanus sp. C6F	188
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	21
Pseudocalanus sp. C5M	44
Psuedocalanus sp. C4F	9
Pseudocalanus sp. C4M	10
Pseudocalanus sp. C3	9
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	4
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	4
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	89	170275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2152	4160	6630	165	41.24

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	85	85	33.1	5

Table 125

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	29
BIVALVIA: LARVAE	1
Calanus	15
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	4
C. typicus C6F	1
C. typicus C6M	2
C. typicus C5	0
C. typicus C4	1
CHAETOGNATHA	8
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	68
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	5
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	5
FISH LARVAE	0
GASTROPODA	12

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	3
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	101
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	7
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	545
Pseudocalanus sp. C6F	225
Pseudocalanus sp. C6M	25
Psuedocalanus sp. C5F	30
Pseudocalanus sp. C5M	19
Psuedocalanus sp. C4F	20
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	31
Pseudocalanus sp. C2	76
Pseudocalanus sp. C1	114
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
ALB 75-02	90	170275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2001	4145	6630	165	38.53

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	90	90	33.1	7

Table 126

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	7
APPENDICULARIA	138
BIVALVIA: LARVAE	0
Calanus	2
Candacia	0
Centropages: C1 to C3	59
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	1
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	2
C. typicus C6F	1
C. typicus C6M	1
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	4
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	45
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	2
FISH LARVAE	0
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	82
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	130
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	6
Pseudocalanus sp. C2	35
Pseudocalanus sp. C1	70
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	91	170275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1821	4130	6630	165	57.55

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	83	89	33.1	8

Table 127

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	153
BIVALVIA: LARVAE	0
Calanus	13
Candacia	0
Centropages: C1 to C3	4
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	2
C. typicus C6F	0
C. typicus C6M	1
C. typicus C5	0
C. typicus C4	1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	101
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	2
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	2
FISH LARVAE	0
GASTROPODA	56

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	3
Microcalanus	-1
MYSIDACEA	0
Oithona	162
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	7
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	288
Pseudocalanus sp. C6F	8
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	9
Pseudocalanus sp. C5M	9
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	16
Pseudocalanus sp. C2	92
Pseudocalanus sp. C1	143
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	92	170275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1534	4115	6631	165	56.99

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	85	90	33.1	5

Table 128

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	2
BIVALVIA: LARVAE	0
Calanus	11
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	2
C. typicus C6F	1
C. typicus C6M	1
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	9
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	319
OSTRACODA	0
Paracalanus crassirostrus	36
Paracalanus parvus	23
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	9
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	3
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
ALB 75-02	93	170275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1302	4100	6631	165	7018

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8	100	112	33.95	5

Table 129

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	1
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	8
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	6

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	2
Metridia	14
Microcalanus	5
MYSIDACEA	0
Oithona	74
OSTRACODA	1
Paracalanus crassirostrus	0
Paracalanus parvus	2
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	6
Pseudocalanus sp. C6F	1
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	3
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	95	170275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
825	4130	6600	165	75.99

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
3.2	103	135	32.27	8

Table 130

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	5
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	13
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	5
Microcalanus	4
MYSIDACEA	0
Oithona	83
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	3
Pseudocalanus sp. C6F	1
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	96	170275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
613	4145	6600	165	72.78

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
3.4	98	104	32.26	8

Table 131

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	7
BIVALVIA: LARVAE	0
Calanus	0
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	29
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	4

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	4
Microcalanus	1
MYSIDACEA	0
Oithona	33
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	5
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	44
Pseudocalanus sp. C6F	3
Pseudocalanus sp. C6M	6
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	7
Pseudocalanus sp. C1	24
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	97	170275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
138	4200	6531	165	75.98

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
3	105	960	32.26	5

Table 132

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	12
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	5
COPEPODA: NAUPLII	5
COPEPODA: UNIDENT.	6
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	1
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	3

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	3
Metridia	45
Microcalanus	1
MYSIDACEA	0
Oithona	14
OSTRACODA	8
Paracalanus crassirostrus	0
Paracalanus parvus	5
Pleuromamma	35
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	23
Pseudocalanus sp. C6F	10
Pseudocalanus sp. C6M	8
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	1
Siphonophora	2
Temora	0
UNIDENT.GEL.ZOOP.	2
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	98	160275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2200	4200	6560	165	70.17

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.4	105	204	32.71	8

Table 133

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	1
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	13
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	4

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	2
Microcalanus	3
MYSIDACEA	0
Oithona	47
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	3
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	117
Pseudocalanus sp. C6F	79
Pseudocalanus sp. C6M	23
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	6
Pseudocalanus sp. C1	3
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
ALB 75-02	99	160275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1910	4215	6600	165	74.65

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
3.3	120	256	32.23	7

Table 134

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	19
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	3
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	16
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	1
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	5

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	3
Microcalanus	4
MYSIDACEA	0
Oithona	120
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	145
Pseudocalanus sp. C6F	120
Pseudocalanus sp. C6M	8
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	10
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	3
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	101	160275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1630	4230	6600	165	76.72

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
6	115	183	31.01	6

Table 135

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	4
BIVALVIA: LARVAE	0
Calanus	26
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	2
COPEPODA: NAUPLII	37
COPEPODA: UNIDENT.	1
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	10

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	25
Microcalanus	45
MYSIDACEA	0
Oithona	224
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	36
Pseudocalanus sp. C6F	9
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	5
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	7
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	2

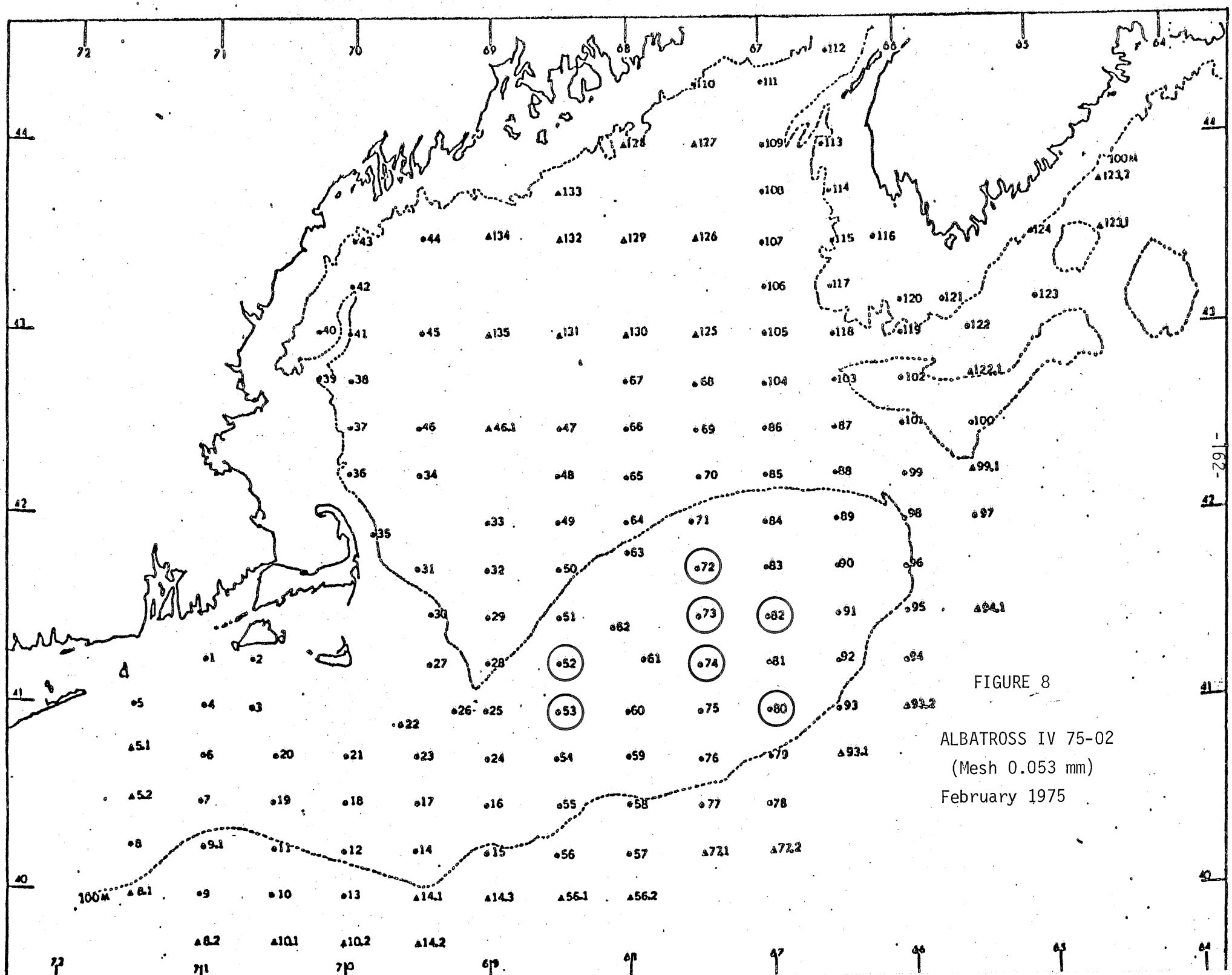

FIGURE 8

ALBATROSS IV 75-02
(Mesh 0.053 mm)
February 1975

CRUISE	STA	DATE (EST)
ALB 75-02	52	230275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2136	4115	6830	53	38.29

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	6

Table 136

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	400
BIVALVIA: LARVAE	2
Calanus	0
Candacia	0
Centropages: C1 to C3	8
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	9
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	246
COPEPODA: UNIDENT.	0
CYCLOPOIDA	12
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	11

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	20
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	10
Pseudocalanus sp. C6F	4
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	4
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	53	230275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2013	4100	6830	53	30.04

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 137

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	39
BIVALVIA: LARVAE	4
Calanus	0
Candacia	0
Centropages: C1 to C3	33
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	43
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	231
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	196
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	50
Pseudocalanus sp. C6F	1
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	13
Pseudocalanus sp. C2	9
Pseudocalanus sp. C1	27
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	73	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
445	4130	6730	53	21.7

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 139

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	10
BIVALVIA: LARVAE	2
Calanus	0
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	494
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	7
FISH LARVAE	0
GASTROPODA	24

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	102
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	34
Pseudocalanus sp. C6F	3
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	5
Pseudocalanus sp. C1	20
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	13

CRUISE	STA	DATE (EST)
ALB 75-02	72	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
505	4145	6730	53	34.52

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 138

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	51
BIVALVIA: LARVAE	29
Calanus	0
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	1
CHAETOGNATHA	9
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	505
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	3
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	11

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	0
Oithona	203
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	28
Pseudocalanus sp. C5F	3
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	9
Pseudocalanus sp. C1	15
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	74	190275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
222	4115	6730	53	19.62

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 140

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	4
Calanus	0
Candacia	0
Centropages: C1 to C3	8
Centropages hamatus (GT C3) TOTAL	4
C. hamatus C6	0
C. hamatus C4 and C5	4
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	4
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	292
COPEPODA: UNIDENT.	0
CYCLOPOIDA	16
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	140
OSTRACODA	0
Paracalanus crassirostrus	14
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	36
Pseudocalanus sp. C6F	12
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	8
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	4
Pseudocalanus sp. C1	12
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	80	180275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1515	4101	6701	53	42.61

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	9

Table 141

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	63
BIVALVIA: LARVAE	0
Calanus	2
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	4
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	419
COPEPODA: UNIDENT.	0
CYCLOPOIDA	12
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	58

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	83
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	2
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	9
Pseudocalanus sp. TOTAL	85
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	5
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	30
Pseudocalanus sp. C1	44
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-02	82	180275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1025	4130	6700	53	31.45

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	9

Table 142

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	39
BIVALVIA: LARVAE	0
Calanus	2
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	0
C. typicus C6M	1
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	263
COPEPODA: UNIDENT.	0
CYCLOPOIDA	28
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	6
FISH LARVAE	1
GASTROPODA	18

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	68
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	9
Pseudocalanus sp. TOTAL	69
Pseudocalanus sp. C6F	8
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	7
Pseudocalanus sp. C2	13
Pseudocalanus sp. C1	28
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

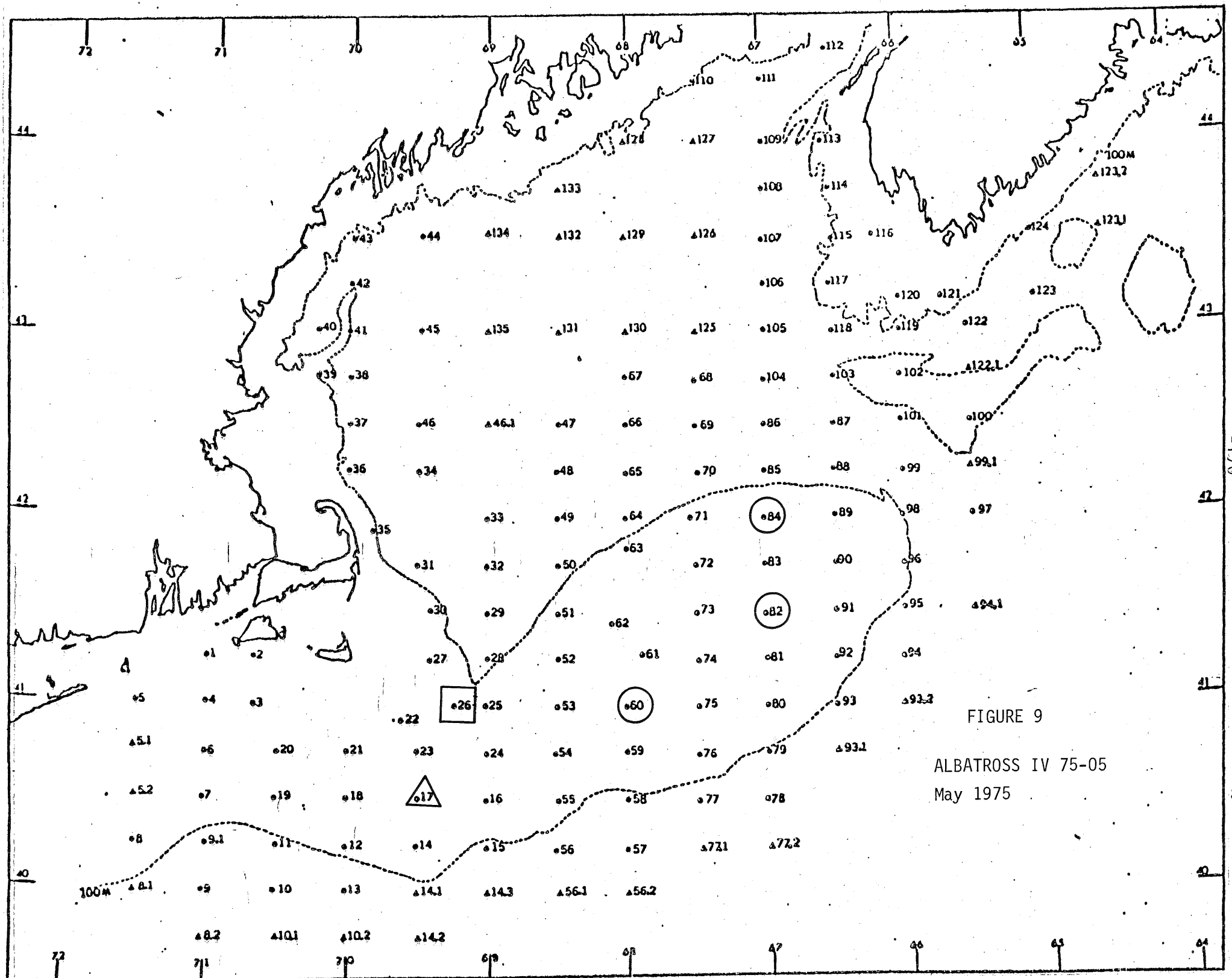

FIGURE 9

ALBATROSS IV 75-05
May 1975

CRUISE	STA	DATE (EST)
ALB 75-05	17	200575

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1845	4030	6930	165	25.4

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 143

TAXONOMIC GROUPING	COUNT
Acartia	5
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	3
BIVALVIA: LARVAE	0
Calanus	95
Candacia	0
Centropages: C1 to C3	4
Centropages hamatus (GT C3) TOTAL	5
C. hamatus C6	0
C. hamatus C4 and C5	5
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	0
C. typicus C6M	1
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	43
CIRRIPEDIA: NAUPLII	1
CLADOCERA	1
Clausocalanus	-1
COPEPODA: NAUPLII	29
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	5
Eurytemora	-1
FISH EGGS	7
FISH LARVAE	0
GASTROPODA	129

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	71
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	4
PSPLIT	7
Pseudocalanus sp. TOTAL	315
Pseudocalanus sp. C6F	19
Pseudocalanus sp. C6M	6
Psuedocalanus sp. C5F	32
Pseudocalanus sp. C5M	30
Psuedocalanus sp. C4F	37
Pseudocalanus sp. C4M	50
Pseudocalanus sp. C3	82
Pseudocalanus sp. C2	39
Pseudocalanus sp. C1	20
Siphonophora	-1
Temora	1
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-05	26	200575

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1200	4100	6915	165	26.2

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	6

Table 144

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	3
Calanus	1
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	1
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	69
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	7
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	2
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	17

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	42
OSTRACODA	2
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	6
Pseudocalanus sp. TOTAL	336
Pseudocalanus sp. C6F	2
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	9
Pseudocalanus sp. C5M	11
Psuedocalanus sp. C4F	36
Pseudocalanus sp. C4M	44
Pseudocalanus sp. C3	111
Pseudocalanus sp. C2	88
Pseudocalanus sp. C1	35
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-05	60	160575

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1900	4059	6800	165	15.9

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 145

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	50
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	30
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	2
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	26
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	59
OSTRACODA	1
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	18
PSPLIT	7
Pseudocalanus sp. TOTAL	146
Pseudocalanus sp. C6F	13
Pseudocalanus sp. C6M	6
Psuedocalanus sp. C5F	23
Pseudocalanus sp. C5M	20
Psuedocalanus sp. C4F	19
Pseudocalanus sp. C4M	24
Pseudocalanus sp. C3	38
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	2
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	51

CRUISE	STA	DATE (EST)
ALB 75-05	82	170575

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1403	4131	6700	165	30.6

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
8	0	0	0	8

Table 146

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	5
BIVALVIA: LARVAE	0
Calanus	5
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	43
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	3
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	3
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	36
OSTRACODA	5
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	459
Pseudocalanus sp. C6F	21
Pseudocalanus sp. C6M	6
Psuedocalanus sp. C5F	23
Pseudocalanus sp. C5M	36
Psuedocalanus sp. C4F	79
Pseudocalanus sp. C4M	74
Pseudocalanus sp. C3	163
Pseudocalanus sp. C2	32
Pseudocalanus sp. C1	25
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-05	84	170575

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1017	4200	6700	165	21.1

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	5

Table 147

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	1
APPENDICULARIA	4
BIVALVIA: LARVAE	0
Calanus	9
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	2
C. hamatus C6	0
C. hamatus C4 and C5	2
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	42
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	2
CYCLOPOIDA	3
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	298
FISH LARVAE	0
GASTROPODA	4

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	39
OSTRACODA	13
Paracalanus crassirostrus	0
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	5
Pseudocalanus sp. TOTAL	96
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	12
Psuedocalanus sp. C4F	7
Pseudocalanus sp. C4M	10
Pseudocalanus sp. C3	29
Pseudocalanus sp. C2	17
Pseudocalanus sp. C1	6
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	15

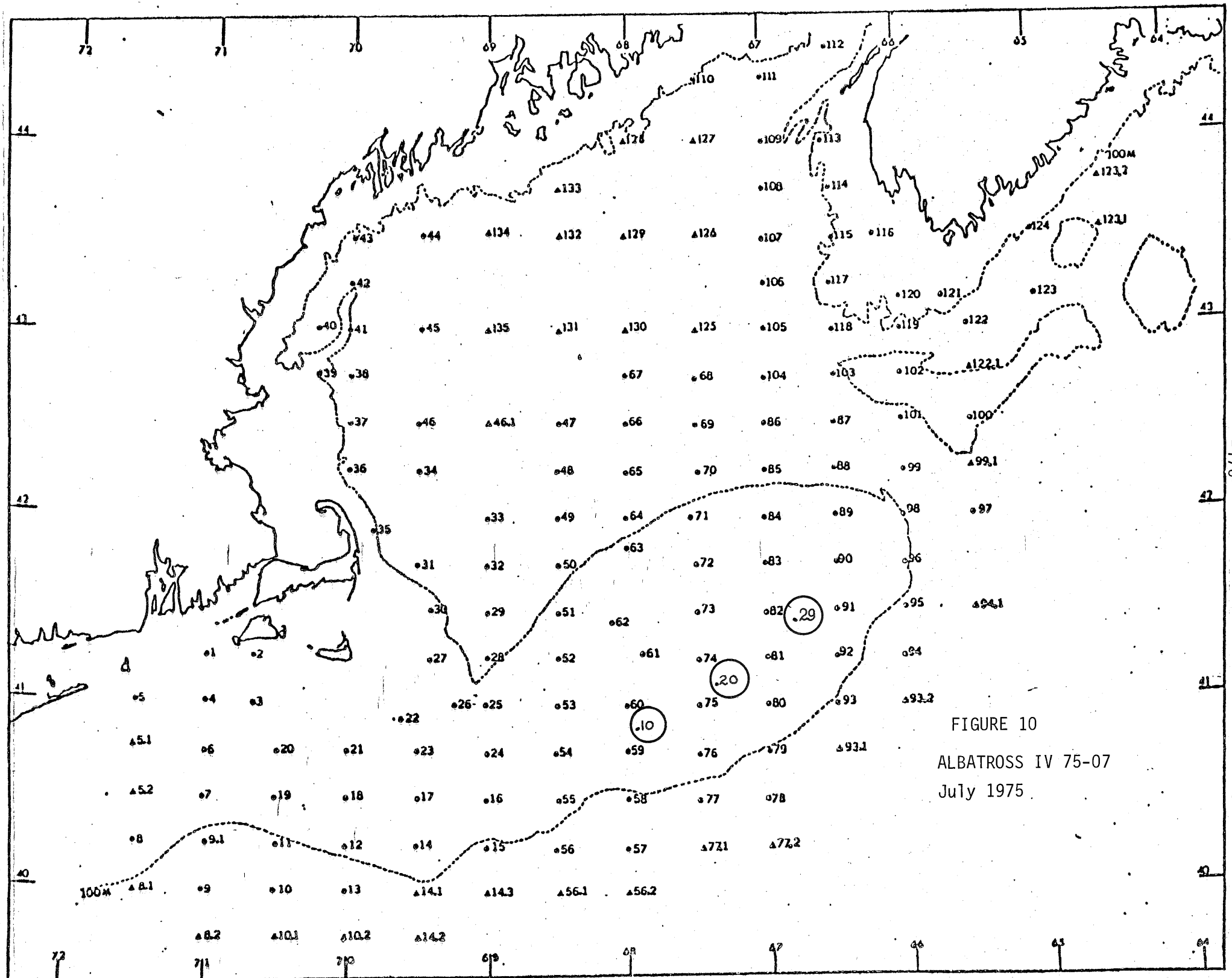

FIGURE 10

ALBATROSS IV 75-07

July 1975

CRUISE	STA	DATE (EST)
ALB 75-07	10	100775

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
605	4051 ~~4045~~	6749 ~~6937~~	165	72.26

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
15.1	93	93	32.62	9

Table 148

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	31
Candacia	0
Centropages: C1 to C3	39
Centropages hamatus (GT C3) TOTAL	37
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	3
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	7
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	9

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	1
Microcalanus	0
MYSIDACEA	0
Oithona	30
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	9
Pseudocalanus sp. TOTAL	36
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	15
Pseudocalanus sp. C2	4
Pseudocalanus sp. C1	1
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-07	20	~~110775~~ 110775

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
547	4111	6702	165	56.07

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
14.4	47	70	32.37	10

Table 149

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	4
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	73
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	9
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	12
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	12
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	66

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	1
Microcalanus	0
MYSIDACEA	0
Oithona	59
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	10
Pseudocalanus sp. TOTAL	170
Pseudocalanus sp. C6F	17
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	7
Psuedocalanus sp. C4F	10
Pseudocalanus sp. C4M	9
Pseudocalanus sp. C3	53
Pseudocalanus sp. C2	44
Pseudocalanus sp. C1	17
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-07	29	110775

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2215	4131	6620	165	74.29

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
13.5	30	95	32.37	10

Table 150

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	12
APPENDICULARIA	0
BIVALVIA: LARVAE	1
Calanus	31
Candacia	0
Centropages: C1 to C3	8
Centropages hamatus (GT C3) TOTAL	5
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	4
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	1
Microcalanus	0
MYSIDACEA	0
Oithona	4
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	10
Pseudocalanus sp. TOTAL	43
Pseudocalanus sp. C6F	26
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	10
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

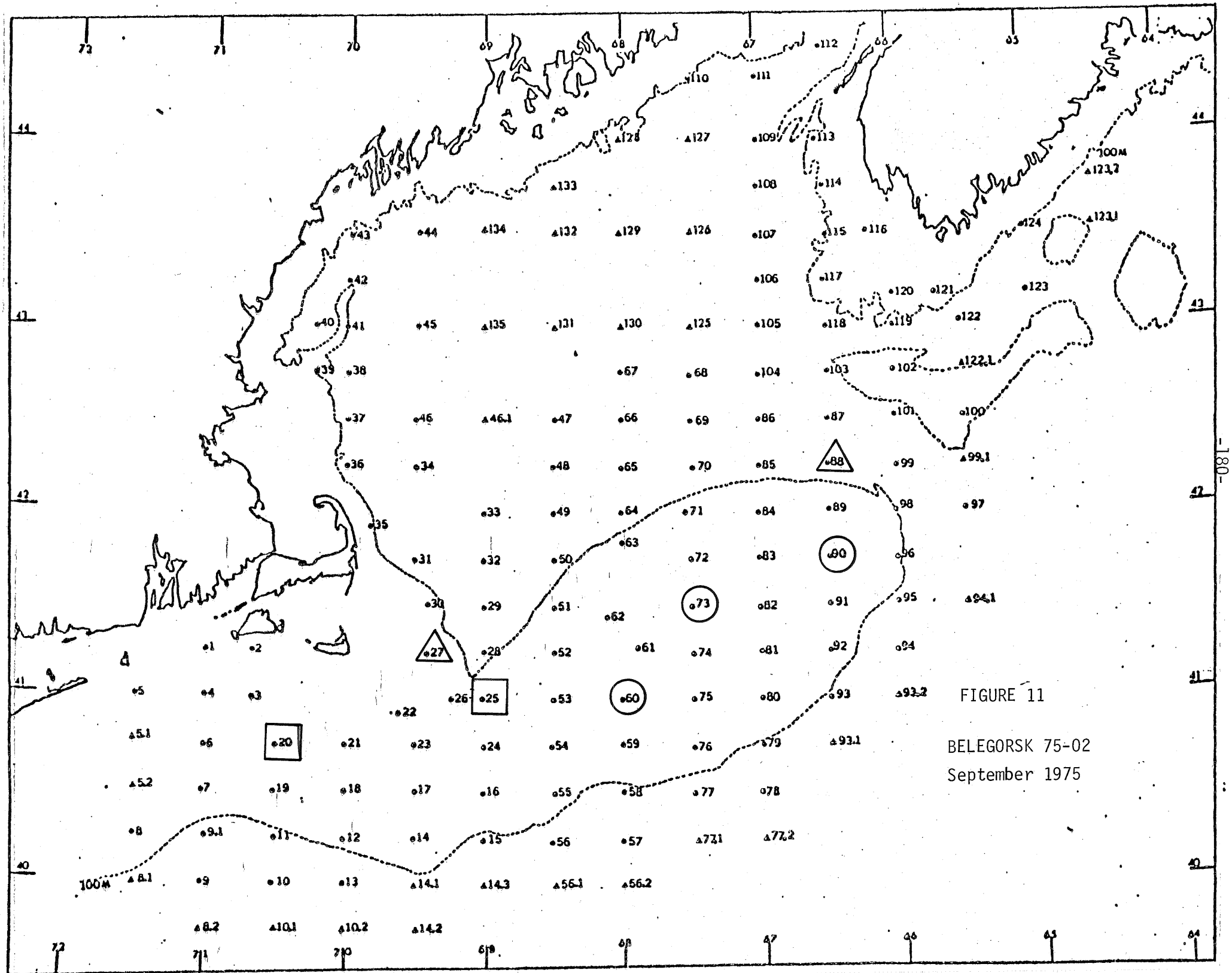

FIGURE 11

BELEGORSK 75-02
September 1975

CRUISE	STA	DATE (EST)
BELGSK 7502	20	280975

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1531	4045	7030	165	34.64

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
13.6	54	56	32.35	8

Table 151

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	20
APPENDICULARIA	3
BIVALVIA: LARVAE	17
Calanus	8
Candacia	1
Centropages: C1 to C3	57
Centropages hamatus (GT C3) TOTAL	24
C. hamatus C6	9
C. hamatus C4 and C5	15
Centropaces typicus (GT C3) TOTAL	138
C. typicus C6F	18
C. typicus C6M	21
C. typicus C5	45
C. typicus C4	54
CHAETOGNATHA	11
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	0
Oithona	298
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	651
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	8
Pseudocalanus sp. TOTAL	71
Pseudocalanus sp. C6F	28
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	6
Psuedocalanus sp. C4F	7
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	10
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	1
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	3

CRUISE	STA	DATE (EST)
BELGSK 7502	25	290975

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
442	4100	6900	165	68.85

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
13.6	65	84	32.35	8

Table 152

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	4
APPENDICULARIA	1
BIVALVIA: LARVAE	7
Calanus	2
Candacia	0
Centropages: C1 to C3	61
Centropages hamatus (GT C3) TOTAL	6
C. hamatus C6	2
C. hamatus C4 and C5	4
Centropaces typicus (GT C3) TOTAL	53
C. typicus C6F	4
C. typicus C6M	7
C. typicus C5	15
C. typicus C4	32
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	0
CLADOCERA	1
Clausocalanus	-1
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	6
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	6

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	0
Oithona	280
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	325
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	167
Pseudocalanus sp. C6F	29
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	21
Pseudocalanus sp. C5M	28
Psuedocalanus sp. C4F	27
Pseudocalanus sp. C4M	20
Pseudocalanus sp. C3	26
Pseudocalanus sp. C2	4
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
BELGSK 7502	27	290975

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1012	4115	6925	165	25.52

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 153

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	8
Calanus	1
Candacia	4
Centropages: C1 to C3	34
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	26
C. typicus C6F	3
C. typicus C6M	1
C. typicus C5	8
C. typicus C4	14
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	3
CLADOCERA	34
Clausocalanus	-1
COPEPODA: NAUPLII	6
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	5

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	204
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	199
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	46
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	7
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	11
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	10
Pseudocalanus sp. C2	5
Pseudocalanus sp. C1	4
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
BELGSK 7502	60	31075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1912	4100	6800	165	33.36

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
13.6	46	55	32.35	8

Table 154

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	1
Candacia	0
Centropages: C1 to C3	45
Centropages hamatus (GT C3) TOTAL	11
C. hamatus C6	4
C. hamatus C4 and C5	7
Centropaces typicus (GT C3) TOTAL	41
C. typicus C6F	7
C. typicus C6M	9
C. typicus C5	11
C. typicus C4	14
CHAETOGNATHA	19
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	3
Microcalanus	-1
MYSIDACEA	1
Oithona	86
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	195
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	4
Pseudocalanus sp. C6F	4
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
BELGSK 7502	73	41075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2337	4130	6730	165	22.76

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
13.6	47	58	32.35	8

Table 155

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	14
BIVALVIA: LARVAE	3
Calanus	0
Candacia	0
Centropages: C1 to C3	15
Centropages hamatus (GT C3) TOTAL	157
C. hamatus C6	108
C. hamatus C4 and C5	49
Centropages typicus (GT C3) TOTAL	56
C. typicus C6F	16
C. typicus C6M	15
C. typicus C5	16
C. typicus C4	9
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	2
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	15
Oithona	3
OSTRACODA	2
Paracalanus crassirostrus	0
Paracalanus parvus	107
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	4
Pseudocalanus sp. C6F	4
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	1
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
BELGSK 7502	88	61075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1630	4215	6630	165	77.28

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	2

Table 156

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	1
Calanus	4
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	15
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	13
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	118

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	143
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	18
Pleuromamma	0
POLYCHAETA: LARVAE	4
PSPLIT	2
Pseudocalanus sp. TOTAL	2
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	18

CRUISE	STA	DATE (EST)
BELGSK 7502	90	61075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2215	4145	6630	165	65.31

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
13.6	59	77	32.35	8

Table 157

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	10
Candacia	0
Centropages: C1 to C3	8
Centropages hamatus (GT C3) TOTAL	3
C. hamatus C6	0
C. hamatus C4 and C5	3
Centropaces typicus (GT C3) TOTAL	14
C. typicus C6F	4
C. typicus C6M	8
C. typicus C5	1
C. typicus C4	1
CHAETOGNATHA	21
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	3
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	25
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	288
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	38
Pseudocalanus sp. C6F	22
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

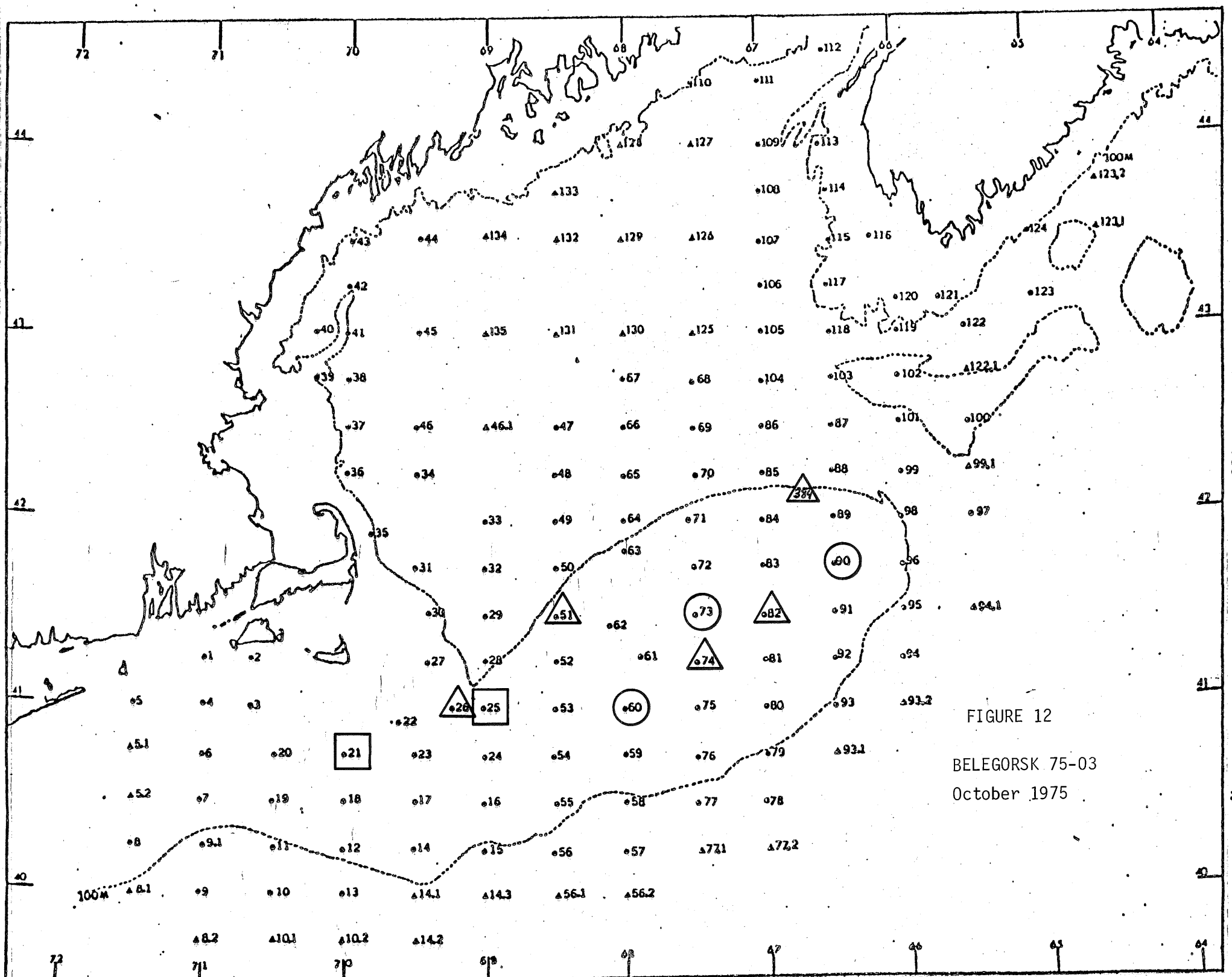

FIGURE 12

BELEGORSK 75-03
October 1975

CRUISE	STA	DATE (EST)
BELGSK 7503	21	251075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2015	4045	7000	165	11.71

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
12.7	33	33	32.32	6

Table 158

TAXONOMIC GROUPING	COUNT
Acartia	13
Alteutha	0
AMPHIPODA	67
APPENDICULARIA	4
BIVALVIA: LARVAE	18
Calanus	1
Candacia	1
Centropages: C1 to C3	232
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	94
C. typicus C6F	16
C. typicus C6M	11
C. typicus C5	26
C. typicus C4	41
CHAETOGNATHA	8
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	5
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	1
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	12
Microcalanus	-1
MYSIDACEA	0
Oithona	428
OSTRACODA	0
Paracalanus crassirostrus	11
Paracalanus parvus	727
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	16
Pseudocalanus sp. C6F	12
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
BELGSK 7503	25	251075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1003	4100	6900	165	57.43

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
12.7	72	80	32.32	7

Table 159

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	4
APPENDICULARIA	0
BIVALVIA: LARVAE	5
Calanus	24
Candacia	11
Centropages: C1 to C3	31
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	56
C. typicus C6F	2
C. typicus C6M	2
C. typicus C5	8
C. typicus C4	13
CHAETOGNATHA	22
CIRRIPEDIA: NAUPLII	0
CLADOCERA	2
Clausocalanus	-1
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	1
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	3
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	59
Microcalanus	-1
MYSIDACEA	0
Oithona	157
OSTRACODA	0
Paracalanus crassirostrus	6
Paracalanus parvus	273
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	14
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
BELGSK 7503	26	251075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
636	4100	6916	165	22.96

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	6

Table 160

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	2
Calanus	11
Candacia	11
Centropages: C1 to C3	19
Centropages hamatus (GT C3) TOTAL	2
C. hamatus C6	0
C. hamatus C4 and C5	2
Centropages typicus (GT C3) TOTAL	22
C. typicus C6F	4
C. typicus C6M	2
C. typicus C5	10
C. typicus C4	6
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	3
CLADOCERA	4
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	47
FISH LARVAE	3
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	6
Microcalanus	-1
MYSIDACEA	3
Oithona	88
OSTRACODA	0
Paracalanus crassirostrus	3
Paracalanus parvus	156
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	106
Pseudocalanus sp. C6F	16
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	24
Pseudocalanus sp. C5M	10
Psuedocalanus sp. C4F	30
Pseudocalanus sp. C4M	12
Pseudocalanus sp. C3	10
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
BELGSK 7503	51	231075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
430	4130	6830	165	40.77

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 161

TAXONOMIC GROUPING	COUNT
Acartia	0
Altautha	0
AMPHIPODA	1
APPENDICULARIA	3
BIVALVIA: LARVAE	12
Calanus	7
Candacia	3
Centropages: C1 to C3	21
Centropages hamatus (GT C3) TOTAL	2
C. hamatus C6	1
C. hamatus C4 and C5	1
Centropaces typicus (GT C3) TOTAL	23
C. typicus C6F	4
C. typicus C6M	2
C. typicus C5	5
C. typicus C4	12
CHAETOGNATHA	18
CIRRIPEDIA: NAUPLII	0
CLADOCERA	3
Clausocalanus	-1
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	39
FISH LARVAE	0
GASTROPODA	2

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	4
Microcalanus	-1
MYSIDACEA	1
Oithona	113
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	209
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	40
Pseudocalanus sp. C6F	11
Pseudocalanus sp. C6M	6
Psuedocalanus sp. C5F	6
Pseudocalanus sp. C5M	9
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
BELGSK 7503	60	221075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
446	4100	6800	165	17.4

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
12.7	50	50	32.32	8

Table 162

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	5
Calanus	0
Candacia	0
Centropages: C1 to C3	19
Centropages hamatus (GT C3) TOTAL	3
C. hamatus C6	2
C. hamatus C4 and C5	1
Centropages typicus (GT C3) TOTAL	36
C. typicus C6F	2
C. typicus C6M	6
C. typicus C5	13
C. typicus C4	15
CHAETOGNATHA	24
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	14
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	230
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	20
Pseudocalanus sp. C6F	7
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	3
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
BELGSK 7503	73	201075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2350	4130	6730	165	18.21

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
12.7	34	44	32.32	7

Table 163

TAXONOMIC GROUPING	COUNT
Acartia	0
Altautha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	1
Calanus	1
Candacia	0
Centropages: C1 to C3	35
Centropages hamatus (GT C3) TOTAL	53
C. hamatus C6	36
C. hamatus C4 and C5	17
Centropaces typicus (GT C3) TOTAL	36
C. typicus C6F	12
C. typicus C6M	10
C. typicus C5	7
C. typicus C4	7
CHAETOGNATHA	20
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	1
CYCLOPOIDA	4
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	50
Oithona	15
OSTRACODA	0
Paracalanus crassirostrus	7
Paracalanus parvus	142
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	10
Pseudocalanus sp. C6F	8
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
BELGSK 7503	74	201075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2148	4115	6730	165	20.94

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	9

Table 164

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	2
BIVALVIA: LARVAE	5
Calanus	9
Candacia	0
Centropages: C1 to C3	27
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	40
C. typicus C6F	7
C. typicus C6M	3
C. typicus C5	16
C. typicus C4	14
CHAETOGNATHA	7
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	2
FISH LARVAE	0
GASTROPODA	2

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	1
Oithona	52
OSTRACODA	0
Paracalanus crassirostrus	2
Paracalanus parvus	187
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	9
Pseudocalanus sp. TOTAL	7
Pseudocalanus sp. C6F	2
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	3
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
BELGSK 7503	82	191075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
220	4130	6700	165	23.88

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 165

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	2
APPENDICULARIA	7
BIVALVIA: LARVAE	3
Calanus	3
Candacia	0
Centropages: C1 to C3	11
Centropages hamatus (GT C3) TOTAL	5
C. hamatus C6	4
C. hamatus C4 and C5	1
Centropages typicus (GT C3) TOTAL	68
C. typicus C6F	19
C. typicus C6M	23
C. typicus C5	11
C. typicus C4	15
CHAETOGNATHA	12
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	3
FISH LARVAE	0
GASTROPODA	2

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	3
Oithona	28
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	219
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	19
Pseudocalanus sp. C6F	14
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
BELGSK 7503	90	181075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
418	4145	6630	165	30.27

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
12.7	68	74	32.32	6

Table 166

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	2
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	26
Candacia	0
Centropages: C1 to C3	7
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	1
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	44
C. typicus C6F	21
C. typicus C6M	16
C. typicus C5	5
C. typicus C4	2
CHAETOGNATHA	25
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	3
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	3

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	0
Oithona	34
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	406
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	32
Pseudocalanus sp. C6F	17
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	7
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
BELGSK 7503	384	181075

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1927	4153	6645	165	24.32

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 167

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	2
Candacia	0
Centropages: C1 to C3	11
Centropages hamatus (GT C3) TOTAL	6
C. hamatus C6	4
C. hamatus C4 and C5	2
Centropages typicus (GT C3) TOTAL	42
C. typicus C6F	13
C. typicus C6M	11
C. typicus C5	12
C. typicus C4	6
CHAETOGNATHA	5
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	2
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	19
FISH LARVAE	0
GASTROPODA	11

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	27
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	202
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	12
Pseudocalanus sp. C6F	8
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	2
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

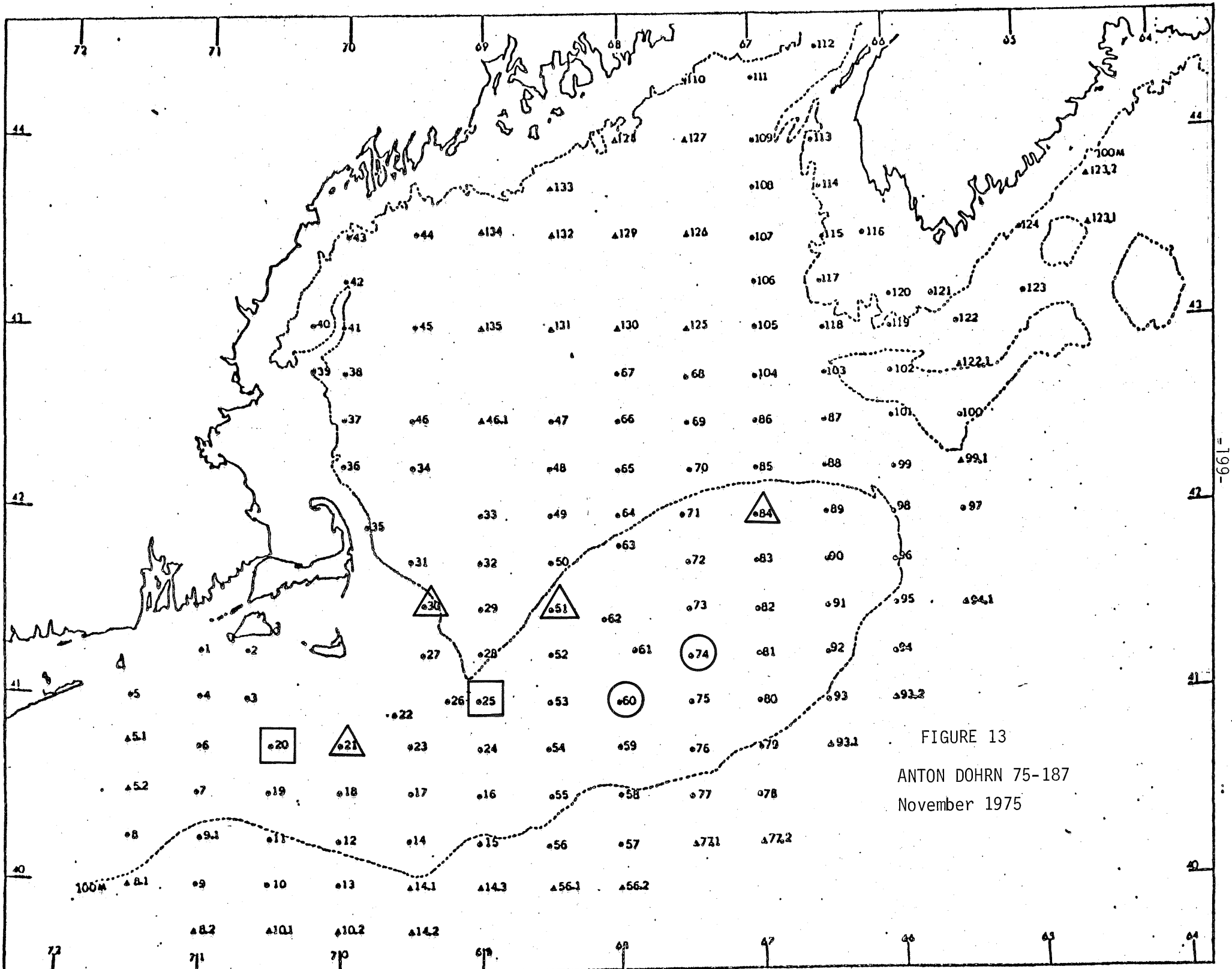

FIGURE 13

ANTON DOHRN 75-187
November 1975

CRUISE	STA	DATE (EST)
ADHRN 75187	20	141175

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
453	4045	7030	165	44.23

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
12	48	55	32.36	8

Table 168

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	118
Calanus	0
Candacia	0
Centropages: C1 to C3	7
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	0
C. hamatus C4 and C5	1
Centropages typicus (GT C3) TOTAL	32
C. typicus C6F	16
C. typicus C6M	8
C. typicus C5	2
C. typicus C4	6
CHAETOGNATHA	18
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	5

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	1
Oithona	4
OSTRACODA	0
Paracalanus crassirostrus	15
Paracalanus parvus	187
Pleuromamma	0
POLYCHAETA: LARVAE	3
PSPLIT	8
Pseudocalanus sp. TOTAL	10
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	2
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	1
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADHRN 75187	21	131175

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
259	4040	7000	165	21.84

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 169

TAXONOMIC GROUPING	COUNT
Acartia	7
Alteutha	0
AMPHIPODA	7
APPENDICULARIA	0
BIVALVIA: LARVAE	10
Calanus	2
Candacia	2
Centropages: C1 to C3	13
Centropages hamatus (GT C3) TOTAL	11
C. hamatus C6	8
C. hamatus C4 and C5	3
Centropaces typicus (GT C3) TOTAL	43
C. typicus C6F	9
C. typicus C6M	13
C. typicus C5	9
C. typicus C4	12
CHAETOGNATHA	9
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	7
FISH LARVAE	0
GASTROPODA	6

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	71
OSTRACODA	0
Paracalanus crassirostrus	2
Paracalanus parvus	216
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	6
Pseudocalanus sp. C6F	0
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	2
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADHRN 75187	25	111175

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2058	4100	6900	165	59.49

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
12	75	84	32.36	8

Table 170

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	4
Calanus	0
Candacia	0
Centropages: C1 to C3	7
Centropages hamatus (GT C3) TOTAL	3
C. hamatus C6	1
C. hamatus C4 and C5	2
Centropages typicus (GT C3) TOTAL	8
C. typicus C6F	4
C. typicus C6M	1
C. typicus C5	3
C. typicus C4	0
CHAETOGNATHA	28
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	2
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	33
OSTRACODA	0
Paracalanus crassirostrus	3
Paracalanus parvus	175
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	51
Pseudocalanus sp. C6F	11
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	11
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	12
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	6
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ADHRN 75187	30	111175

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1014	4130	6925	165	48.83

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 171

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	3
AMPHIPODA	3
APPENDICULARIA	0
BIVALVIA: LARVAE	19
Calanus	21
Candacia	7
Centropages: C1 to C3	19
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	12
C. typicus C6F	0
C. typicus C6M	3
C. typicus C5	0
C. typicus C4	9
CHAETOGNATHA	7
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	9
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	3
GASTROPODA	25

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	3
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	9
Microcalanus	-1
MYSIDACEA	0
Oithona	136
OSTRACODA	0
Paracalanus crassirostrus	6
Paracalanus parvus	64
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	220
Pseudocalanus sp. C6F	12
Pseudocalanus sp. C6M	11
Psuedocalanus sp. C5F	22
Pseudocalanus sp. C5M	41
Psuedocalanus sp. C4F	58
Pseudocalanus sp. C4M	26
Pseudocalanus sp. C3	24
Pseudocalanus sp. C2	23
Pseudocalanus sp. C1	3
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADHRN 75187	51	91175

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1514	4130	6830	165	88.92

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 172

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	4
APPENDICULARIA	1
BIVALVIA: LARVAE	17
Calanus	6
Candacia	13
Centropages: C1 to C3	9
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	1
C. typicus C6M	2
C. typicus C5	3
C. typicus C4	5
CHAETOGNATHA	34
CIRRIPEDIA: NAUPLII	0
CLADOCERA	4
Clausocalanus	-1
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	0
CYCLOPOIDA	2
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	41
FISH LARVAE	0
GASTROPODA	193

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	0
Oithona	113
OSTRACODA	0
Paracalanus crassirostrus	4
Paracalanus parvus	141
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	51
Pseudocalanus sp. C6F	7
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	11
Pseudocalanus sp. C5M	10
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	6
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADHRN 75187	60	81175

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
707	4100	6800	165	37.24

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
12	47	52	32.36	7

Table 173

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	3
AMPHIPODA	2
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	3
Candacia	0
Centropages: C1 to C3	32
Centropages hamatus (GT C3) TOTAL	45
C. hamatus C6	19
C. hamatus C4 and C5	26
Centropages typicus (GT C3) TOTAL	58
C. typicus C6F	15
C. typicus C6M	14
C. typicus C5	14
C. typicus C4	14
CHAETOGNATHA	56
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	2
Oithona	104
OSTRACODA	0
Paracalanus crassirostrus	16
Paracalanus parvus	575
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	43
Pseudocalanus sp. C6F	13
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	4
Pseudocalanus sp. C5M	6
Psuedocalanus sp. C4F	9
Pseudocalanus sp. C4M	7
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADHRN 75187	74	71175

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
3714	4115	6730	165	38.34

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 174

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	0
Candacia	0
Centropages: C1 to C3	14
Centropages hamatus (GT C3) TOTAL	30
C. hamatus C6	16
C. hamatus C4 and C5	14
Centropaces typicus (GT C3) TOTAL	40
C. typicus C6F	17
C. typicus C6M	14
C. typicus C5	3
C. typicus C4	6
CHAETOGNATHA	44
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	4

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	34
Oithona	56
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	329
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	9
Pseudocalanus sp. C6F	6
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADHRN 75187	84	51175

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1342	4200	6700	165	43.99

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 175

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	6
Calanus	0
Candacia	1
Centropages: C1 to C3	20
Centropages hamatus (GT C3) TOTAL	55
C. hamatus C6	40
C. hamatus C4 and C5	15
Centropages typicus (GT C3) TOTAL	58
C. typicus C6F	14
C. typicus C6M	17
C. typicus C5	16
C. typicus C4	12
CHAETOGNATHA	8
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	2
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	5
FISH LARVAE	0
GASTROPODA	3

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	4
Oithona	9
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	295
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	22
Pseudocalanus sp. C6F	16
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

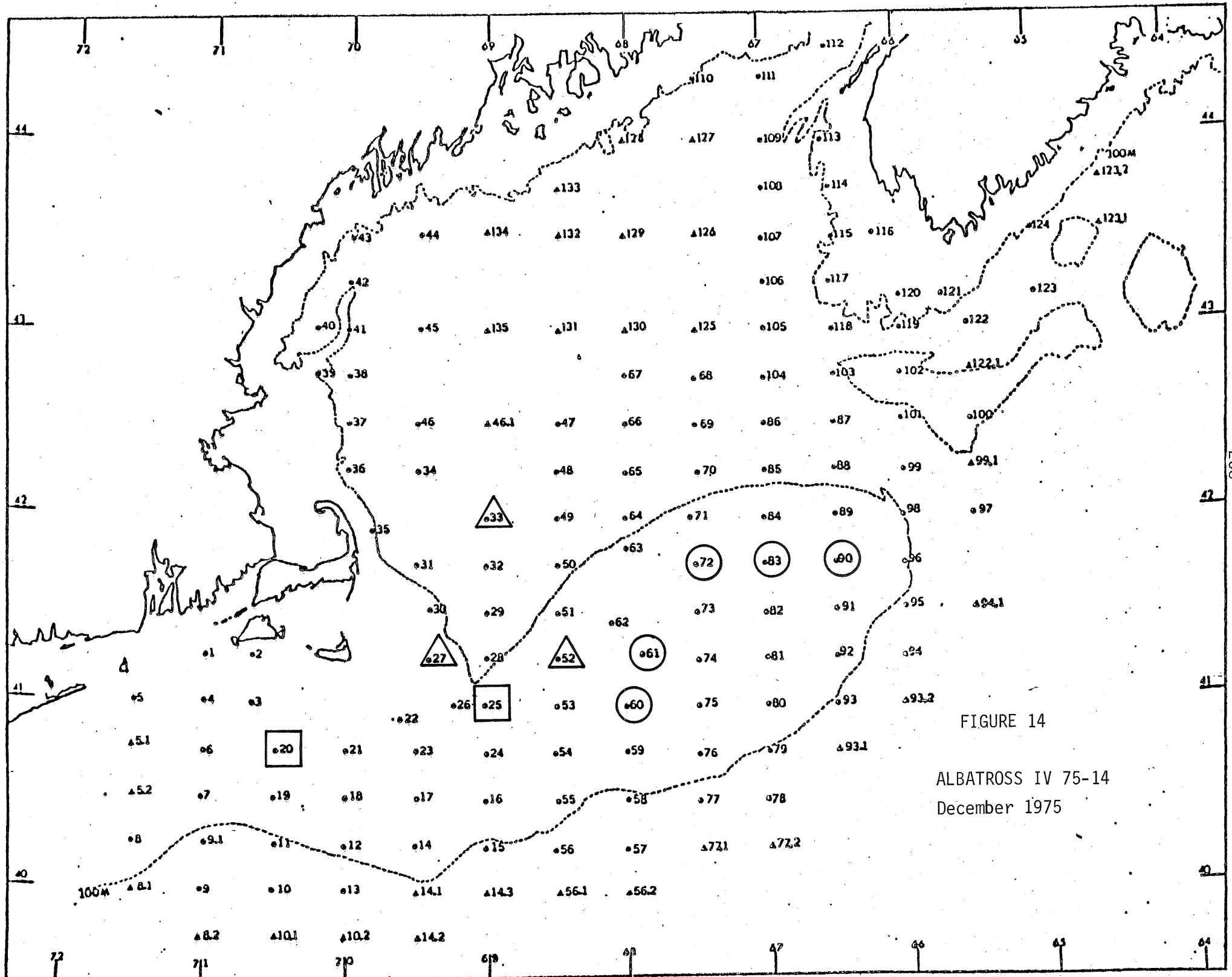

FIGURE 14

ALBATROSS IV 75-14
December 1975

CRUISE	STA	DATE (EST)
ALB 75-14	20	151275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
6	4044	7030	165	23.95

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.8	44	51	32.45	6

Table 176

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	10
BIVALVIA: LARVAE	23
Calanus	0
Candacia	0
Centropages: C1 to C3	35
Centropages hamatus (GT C3) TOTAL	2
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	29
C. typicus C6F	4
C. typicus C6M	2
C. typicus C5	10
C. typicus C4	13
CHAETOGNATHA	38
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	3
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	9

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	179
OSTRACODA	0
Paracalanus crassirostrus	3
Paracalanus parvus	253
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	36
Pseudocalanus sp. C6F	7
Pseudocalanus sp. C6M	6
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	6
Pseudocalanus sp. C2	8
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-14	25	141275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1158	4100	6900	165	45.46

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.8	82	84	32.45	6

Table 177

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	4
BIVALVIA: LARVAE	0
Calanus	2
Candacia	1
Centropages: C1 to C3	78
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	1
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	103
C. typicus C6F	21
C. typicus C6M	23
C. typicus C5	23
C. typicus C4	36
CHAETOGNATHA	15
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	3
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	1
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	0
Oithona	268
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	162
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	148
Pseudocalanus sp. C6F	32
Pseudocalanus sp. C6M	20
Psuedocalanus sp. C5F	16
Pseudocalanus sp. C5M	12
Psuedocalanus sp. C4F	7
Pseudocalanus sp. C4M	21
Pseudocalanus sp. C3	25
Pseudocalanus sp. C2	13
Pseudocalanus sp. C1	2
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
ALB 75-14	27	141275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
524	4115	6925	165	24.19

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 178

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	1
AMPHIPODA	0
APPENDICULARIA	1
BIVALVIA: LARVAE	7
Calanus	0
Candacia	0
Centropages: C1 to C3	51
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	59
C. typicus C6F	10
C. typicus C6M	10
C. typicus C5	17
C. typicus C4	22
CHAETOGNATHA	3
CIRRIPEDIA: NAUPLII	0
CLADOCERA	1
Clausocalanus	-1
COPEPODA: NAUPLII	5
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	2
GASTROPODA	16

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	4
Microcalanus	-1
MYSIDACEA	0
Oithona	88
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	128
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	119
Pseudocalanus sp. C6F	20
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	21
Pseudocalanus sp. C5M	20
Psuedocalanus sp. C4F	21
Pseudocalanus sp. C4M	8
Pseudocalanus sp. C3	16
Pseudocalanus sp. C2	5
Pseudocalanus sp. C1	3
Siphonophora	-1
Temora	2
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-14	33	41275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1518	4158	6900	165	71.65

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 179

TAXONOMIC GROUPING	COUNT
Acartia	3
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	4
Calanus	27
Candacia	0
Centropages: C1 to C3	24
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	47
C. typicus C6F	7
C. typicus C6M	4
C. typicus C5	13
C. typicus C4	23
CHAETOGNATHA	5
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	4
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	5

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	14
Microcalanus	-1
MYSIDACEA	0
Oithona	168
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	196
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	8
Pseudocalanus sp. TOTAL	44
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	6
Pseudocalanus sp. C5M	10
Psuedocalanus sp. C4F	13
Pseudocalanus sp. C4M	5
Pseudocalanus sp. C3	2
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	1
Siphonophora	-1
Temora	1
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-14	52	131275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1339	4114	6831	165	63.19

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
Ø	Ø	Ø	Ø	6

Table 180

TAXONOMIC GROUPING	COUNT
Acartia	Ø
Alteutha	Ø
AMPHIPODA	1
APPENDICULARIA	3
BIVALVIA: LARVAE	17
Calanus	1
Candacia	Ø
Centropages: C1 to C3	7
Centropages hamatus (GT C3) TOTAL	6
C. hamatus C6	4
C. hamatus C4 and C5	2
Centropages typicus (GT C3) TOTAL	11
C. typicus C6F	3
C. typicus C6M	2
C. typicus C5	2
C. typicus C4	4
CHAETOGNATHA	46
CIRRIPEDIA: NAUPLII	Ø
CLADOCERA	Ø
Clausocalanus	-1
COPEPODA: NAUPLII	Ø
COPEPODA: UNIDENT.	Ø
CYCLOPOIDA	Ø
DECAPODA: LARVAE	Ø
Euchaeta	-1
EUPHAUSIA	Ø
Eurytemora	-1
FISH EGGS	5
FISH LARVAE	Ø
GASTROPODA	79

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	Ø
ISOPODA	Ø
Labidocera	Ø
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	Ø
Oithona	101
OSTRACODA	Ø
Paracalanus crassirostrus	23
Paracalanus parvus	91
Pleuromamma	Ø
POLYCHAETA: LARVAE	Ø
PSPLIT	6
Pseudocalanus sp. TOTAL	52
Pseudocalanus sp. C6F	18
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	13
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	10
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	Ø
Siphonophora	-1
Temora	Ø
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	Ø

CRUISE	STA	DATE (EST)
ALB 75-14	60	121275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2030	4100	6800	165	20.82

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.8	35	49	32.45	6

Table 181

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	1
Candacia	0
Centropages: C1 to C3	32
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	31
C. typicus C6F	9
C. typicus C6M	10
C. typicus C5	6
C. typicus C4	6
CHAETOGNATHA	41
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	4
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	4
Oithona	192
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	294
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	73
Pseudocalanus sp. C6F	9
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	5
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	7
Pseudocalanus sp. C4M	7
Pseudocalanus sp. C3	21
Pseudocalanus sp. C2	15
Pseudocalanus sp. C1	1
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-14	61	121275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1834	4115	6753	165	14.51

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
Ø	Ø	Ø	Ø	6

Table 182

TAXONOMIC GROUPING	COUNT
Acartia	Ø
Alteutha	Ø
AMPHIPODA	2
APPENDICULARIA	Ø
BIVALVIA: LARVAE	Ø
Calanus	Ø
Candacia	Ø
Centropages: C1 to C3	29
Centropages hamatus (GT C3) TOTAL	12
C. hamatus C6	7
C. hamatus C4 and C5	5
Centropaces typicus (GT C3) TOTAL	42
C. typicus C6F	8
C. typicus C6M	7
C. typicus C5	12
C. typicus C4	15
CHAETOGNATHA	23
CIRRIPEDIA: NAUPLII	Ø
CLADOCERA	Ø
Clausocalanus	-1
COPEPODA: NAUPLII	2
COPEPODA: UNIDENT.	Ø
CYCLOPOIDA	Ø
DECAPODA: LARVAE	Ø
Euchaeta	-1
EUPHAUSIA	Ø
Eurytemora	-1
FISH EGGS	Ø
FISH LARVAE	Ø
GASTROPODA	5

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	Ø
ISOPODA	Ø
Labidocera	Ø
Mecynocera clausii	-1
Metridia	Ø
Microcalanus	-1
MYSIDACEA	17
Oithona	144
OSTRACODA	Ø
Paracalanus crassirostrus	19
Paracalanus parvus	203
Pleuromamma	Ø
POLYCHAETA: LARVAE	Ø
PSPLIT	6
Pseudocalanus sp. TOTAL	18
Pseudocalanus sp. C6F	6
Pseudocalanus sp. C6M	Ø
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	Ø
Psuedocalanus sp. C4F	4
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	Ø
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	Ø
Siphonophora	-1
Temora	Ø
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	Ø

CRUISE	STA	DATE (EST)
ALB 75-14	72	111275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
434	4149	6734	165	21.63

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.8	35	48	32.45	6

Table 183

TAXONOMIC GROUPING	COUNT
Acartia	Ø
Alteutha	Ø
AMPHIPODA	Ø
APPENDICULARIA	Ø
BIVALVIA: LARVAE	1
Calanus	Ø
Candacia	Ø
Centropages: C1 to C3	38
Centropages hamatus (GT C3) TOTAL	75
C. hamatus C6	45
C. hamatus C4 and C5	3Ø
Centropaces typicus (GT C3) TOTAL	62
C. typicus C6F	12
C. typicus C6M	16
C. typicus C5	4
C. typicus C4	4
CHAETOGNATHA	37
CIRRIPEDIA: NAUPLII	Ø
CLADOCERA	Ø
Clausocalanus	-1
COPEPODA: NAUPLII	3
COPEPODA: UNIDENT.	6
CYCLOPOIDA	Ø
DECAPODA: LARVAE	Ø
Euchaeta	-1
EUPHAUSIA	Ø
Eurytemora	-1
FISH EGGS	Ø
FISH LARVAE	1
GASTROPODA	Ø

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	Ø
Labidocera	Ø
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	3
Oithona	26
OSTRACODA	Ø
Paracalanus crassirostrus	8
Paracalanus parvus	187
Pleuromamma	Ø
POLYCHAETA: LARVAE	5
PSPLIT	6
Pseudocalanus sp. TOTAL	38
Pseudocalanus sp. C6F	15
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	5
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	2
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	3
Siphonophora	-1
Temora	Ø
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
ALB 75-14	83	111275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
809	4145	6700	165	43.08

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	6

Table 184

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	4
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	2
Candacia	0
Centropages: C1 to C3	13
Centropages hamatus (GT C3) TOTAL	5
C. hamatus C6	2
C. hamatus C4 and C5	3
Centropages typicus (GT C3) TOTAL	40
C. typicus C6F	18
C. typicus C6M	12
C. typicus C5	8
C. typicus C4	2
CHAETOGNATHA	22
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	4
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	2

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	65
OSTRACODA	0
Paracalanus crassirostrus	4
Paracalanus parvus	270
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	55
Pseudocalanus sp. C6F	26
Pseudocalanus sp. C6M	7
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	5
Pseudocalanus sp. C2	6
Pseudocalanus sp. C1	3
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 75-14	90	61275

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1924	4143	6630	165	52.01

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
9.8	75	75	32.45	6

Table 185

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	4
AMPHIPODA	2
APPENDICULARIA	0
BIVALVIA: LARVAE	1
Calanus	2
Candacia	0
Centropages: C1 to C3	20
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	93
C. typicus C6F	22
C. typicus C6M	19
C. typicus C5	23
C. typicus C4	9
CHAETOGNATHA	25
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	2
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	67
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	245
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	40
Pseudocalanus sp. C6F	33
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	2
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	1
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

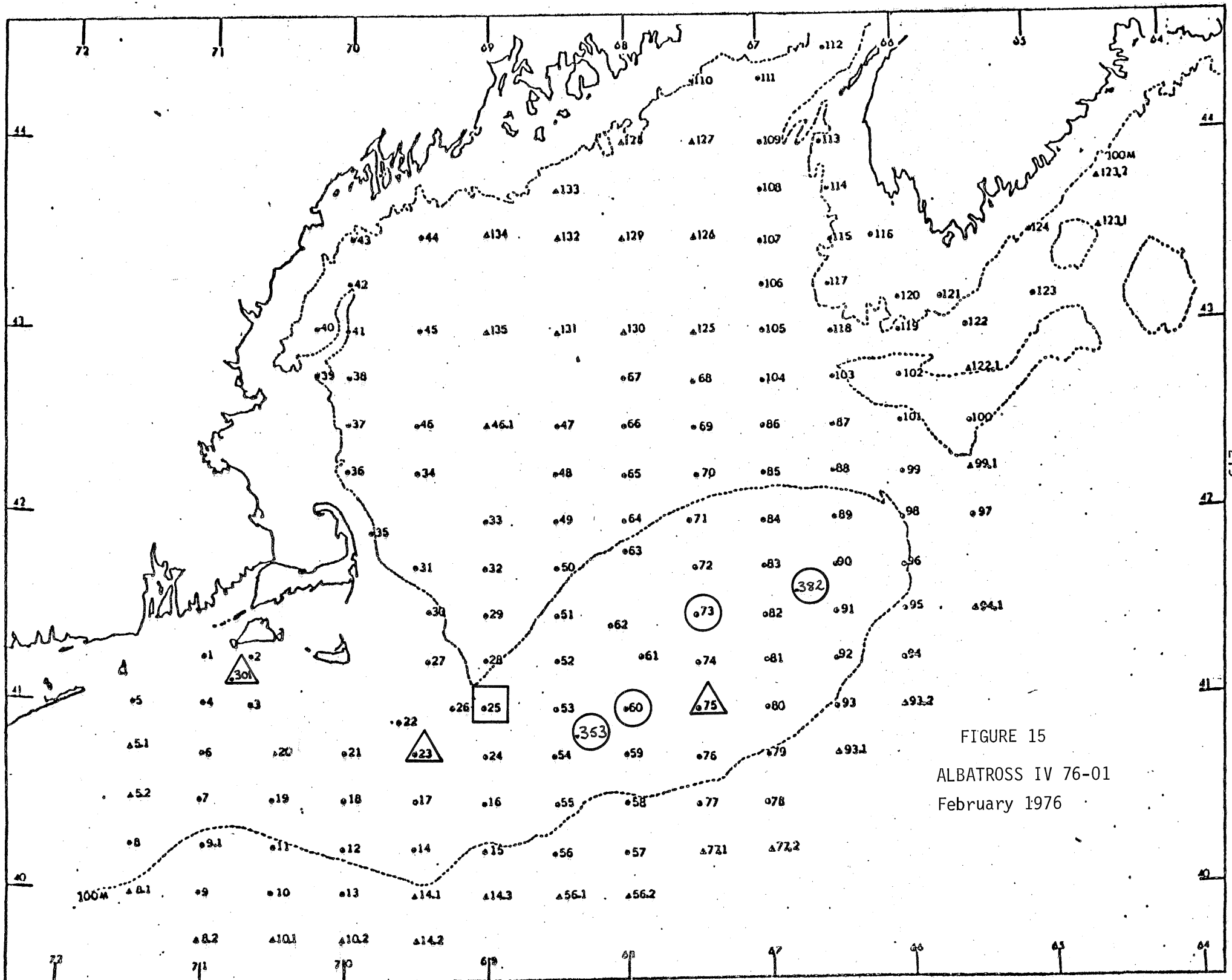

FIGURE 15

ALBATROSS IV 76-01

February 1976

CRUISE	STA	DATE (EST)
ALB 76-01	23	210276

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1955	4045	6930	165	35.15

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	4

Table 186

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	15
AMPHIPODA	112
APPENDICULARIA	0
BIVALVIA: LARVAE	15
Calanus	5
Candacia	0
Centropages: C1 to C3	4
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	19
C. typicus C6F	7
C. typicus C6M	6
C. typicus C5	0
C. typicus C4	6
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	9
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	27
COPEPODA: UNIDENT.	0
CYCLOPOIDA	8
DECAPODA: LARVAE	2
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	23

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	9
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	6
Microcalanus	-1
MYSIDACEA	0
Oithona	51
OSTRACODA	4
Paracalanus crassirostrus	0
Paracalanus parvus	8
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	4
Pseudocalanus sp. TOTAL	48
Pseudocalanus sp. C6F	30
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	6
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	2
Siphonophora	-1
Temora	2
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 76-01	25	210276

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
30	4100	6900	165	59.83

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.4	84	84	32.71	5

Table 187

TAXONOMIC GROUPING	COUNT
Acartia	3
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	0
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	21
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	9
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	4
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	0
Oithona	176
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	12
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	633
Pseudocalanus sp. C6F	113
Pseudocalanus sp. C6M	19
Psuedocalanus sp. C5F	46
Pseudocalanus sp. C5M	68
Psuedocalanus sp. C4F	34
Pseudocalanus sp. C4M	34
Pseudocalanus sp. C3	108
Pseudocalanus sp. C2	135
Pseudocalanus sp. C1	76
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 76-01	60	180276

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1131	4100	6759	165	44.28

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.4	50	53	32.71	4

Table 188

TAXONOMIC GROUPING	COUNT
Acartia	4
Alteutha	16
AMPHIPODA	25
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	3
Candacia	1
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	226
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	108
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	16
COPEPODA: UNIDENT.	12
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	1
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	6
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	80
Oithona	62
OSTRACODA	0
Paracalanus crassirostrus	12
Paracalanus parvus	17
Pleuromamma	0
POLYCHAETA: LARVAE	13
PSPLIT	4
Pseudocalanus sp. TOTAL	453
Pseudocalanus sp. C6F	213
Pseudocalanus sp. C6M	25
Psuedocalanus sp. C5F	38
Pseudocalanus sp. C5M	46
Psuedocalanus sp. C4F	22
Pseudocalanus sp. C4M	17
Pseudocalanus sp. C3	36
Pseudocalanus sp. C2	41
Pseudocalanus sp. C1	15
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	4

CRUISE	STA	DATE (EST)
ALB 76-01	73	150276

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1107	4130	6730	165	29.53

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.5	35	45	32.71	4

Table 189

TAXONOMIC GROUPING	COUNT
Acartia	4
Alteutha	9
AMPHIPODA	13
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	12
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	164
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	88
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	184
COPEPODA: UNIDENT.	46
CYCLOPOIDA	0
DECAPODA: LARVAE	6
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	7
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	44
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	14
Microcalanus	-1
MYSIDACEA	0
Oithona	1102
OSTRACODA	0
Paracalanus crassirostrus	23
Paracalanus parvus	79
Pleuromamma	0
POLYCHAETA: LARVAE	41
PSPLIT	4
Pseudocalanus sp. TOTAL	494
Pseudocalanus sp. C6F	103
Pseudocalanus sp. C6M	27
Psuedocalanus sp. C5F	26
Pseudocalanus sp. C5M	25
Psuedocalanus sp. C4F	23
Pseudocalanus sp. C4M	12
Pseudocalanus sp. C3	67
Pseudocalanus sp. C2	100
Pseudocalanus sp. C1	111
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
ALB 76-01	75	150276

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
455	4100	6730	165	44.13

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	6

Table 190

TAXONOMIC GROUPING	COUNT
Acartia	6
Alteutha	5
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	5
Calanus	3
Candacia	0
Centropages: C1 to C3	33
Centropages hamatus (GT C3) TOTAL	53
C. hamatus C6	10
C. hamatus C4 and C5	43
Centropages typicus (GT C3) TOTAL	13
C. typicus C6F	9
C. typicus C6M	4
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	9
CIRRIPEDIA: NAUPLII	2
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	14
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	2
GASTROPODA	36

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	5
Oithona	218
OSTRACODA	0
Paracalanus crassirostrus	3
Paracalanus parvus	5
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	133
Pseudocalanus sp. C6F	39
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	8
Pseudocalanus sp. C5M	10
Psuedocalanus sp. C4F	4
Pseudocalanus sp. C4M	8
Pseudocalanus sp. C3	22
Pseudocalanus sp. C2	22
Pseudocalanus sp. C1	16
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 76-01	301	230276

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1412	4106	7050	165	23.34

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	6

Table 191

TAXONOMIC GROUPING	COUNT
Acartia	2
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	93
Calanus	5
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropaces typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	15
CIRRIPEDIA: NAUPLII	3
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	7
COPEPODA: UNIDENT.	0
CYCLOPOIDA	6
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	2
FISH LARVAE	0
GASTROPODA	23

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	109
OSTRACODA	0
Paracalanus crassirostrus	29
Paracalanus parvus	15
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	115
Pseudocalanus sp. C6F	41
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	15
Pseudocalanus sp. C5M	12
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	27
Pseudocalanus sp. C2	5
Pseudocalanus sp. C1	7
Siphonophora	-1
Temora	5
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 76-01	353	190276

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2340	4054	6817	165	37.92

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	4

Table 192

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	8
AMPHIPODA	10
APPENDICULARIA	0
BIVALVIA: LARVAE	25
Calanus	0
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	9
C. hamatus C6	9
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	13
C. typicus C6F	6
C. typicus C6M	4
C. typicus C5	0
C. typicus C4	3
CHAETOGNATHA	65
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	9
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	1
GASTROPODA	22

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	4
Oithona	29
OSTRACODA	31
Paracalanus crassirostrus	4
Paracalanus parvus	6
Pleuromamma	0
POLYCHAETA: LARVAE	9
PSPLIT	4
Pseudocalanus sp. TOTAL	92
Pseudocalanus sp. C6F	51
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	5
Pseudocalanus sp. C5M	5
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	5
Pseudocalanus sp. C3	8
Pseudocalanus sp. C2	8
Pseudocalanus sp. C1	10
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ALB 76-01	382	130276

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2356	4138	6648	165	43.11

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.4	56	62	32.71	5

Table 193

TAXONOMIC GROUPING	COUNT
Acartia	4
Alteutha	3
AMPHIPODA	13
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	3
Candacia	1
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	91
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	30
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	114
COPEPODA: UNIDENT.	58
CYCLOPOIDA	0
DECAPODA: LARVAE	2
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	7
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	7
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	2
Oithona	476
OSTRACODA	0
Paracalanus crassirostrus	2
Paracalanus parvus	72
Pleuromamma	0
POLYCHAETA: LARVAE	6
PSPLIT	5
Pseudocalanus sp. TOTAL	715
Pseudocalanus sp. C6F	124
Pseudocalanus sp. C6M	22
Psuedocalanus sp. C5F	39
Pseudocalanus sp. C5M	49
Psuedocalanus sp. C4F	51
Pseudocalanus sp. C4M	27
Pseudocalanus sp. C3	82
Pseudocalanus sp. C2	159
Pseudocalanus sp. C1	163
Siphonophora	-1
Temora	4
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
ALB 76-01	482	130276

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2356	4138	6648	165	43

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.4	56	62	32.71	5

Table 194

TAXONOMIC GROUPING	COUNT
Acartia	7
Alteutha	10
AMPHIPODA	9
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	8
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	76
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	32
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	104
COPEPODA: UNIDENT.	45
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	4
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	14
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	3
Microcalanus	-1
MYSIDACEA	2
Oithona	506
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	72
Pleuromamma	0
POLYCHAETA: LARVAE	14
PSPLIT	5
Pseudocalanus sp. TOTAL	703
Pseudocalanus sp. C6F	116
Pseudocalanus sp. C6M	23
Psuedocalanus sp. C5F	41
Pseudocalanus sp. C5M	44
Psuedocalanus sp. C4F	52
Pseudocalanus sp. C4M	31
Pseudocalanus sp. C3	82
Pseudocalanus sp. C2	172
Pseudocalanus sp. C1	143
Siphonophora	-1
Temora	4
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

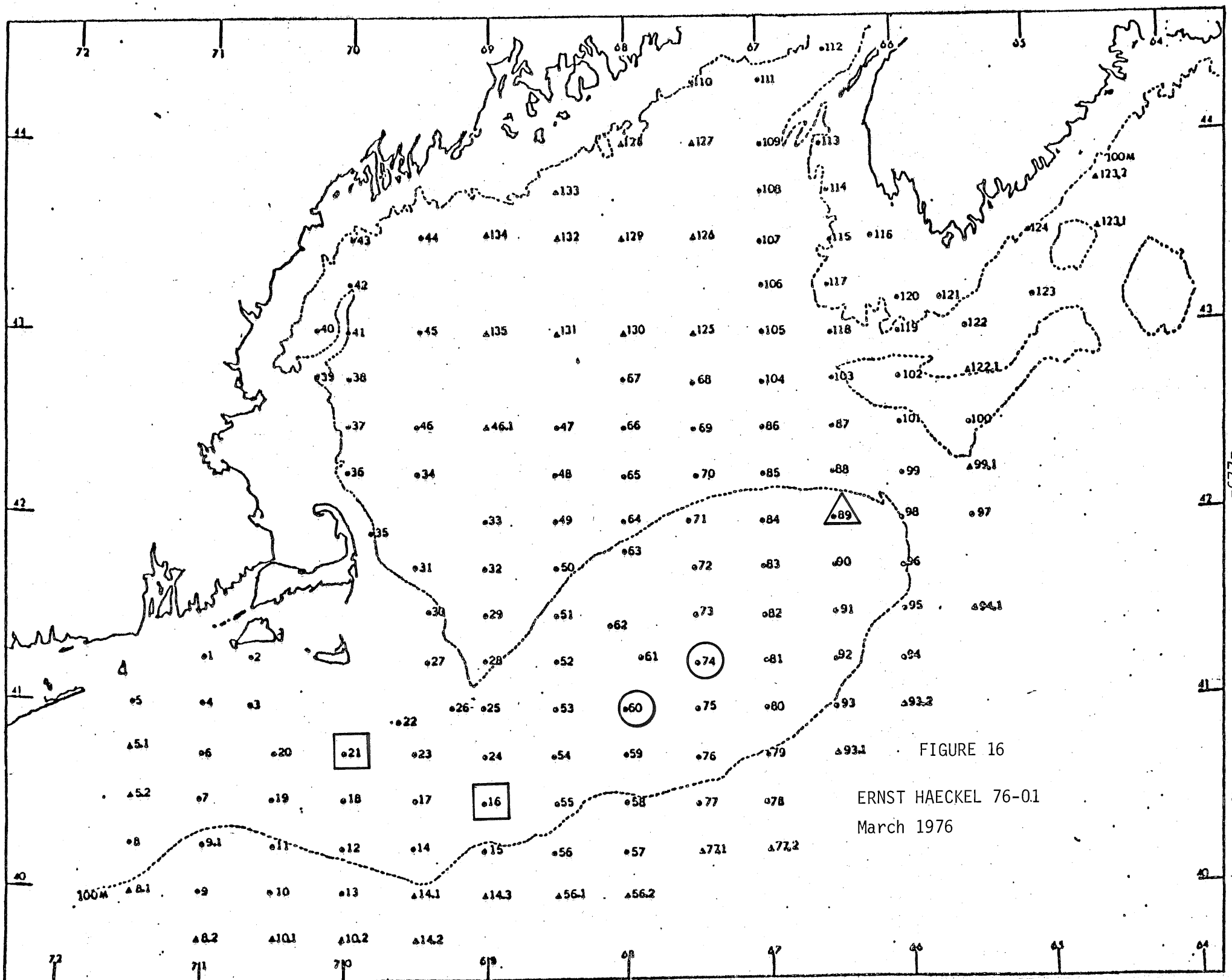

FIGURE 16

ERNST HAECKEL 76-01

March 1976

CRUISE	STA	DATE (EST)
HAECKL 7601	16	50376

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
119	4030	6900	165	25.9

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.8	65	70	0	8

Table 195

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	18
BIVALVIA: LARVAE	0
Calanus	13
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	7
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	1
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	110
COPEPODA: UNIDENT.	0
CYCLOPOIDA	2
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	7
Microcalanus	0
MYSIDACEA	0
Oithona	143
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	8
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	7
Pseudocalanus sp. TOTAL	94
Pseudocalanus sp. C6F	8
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	7
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	17
Pseudocalanus sp. C2	21
Pseudocalanus sp. C1	24
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
HAECKL 7601	21	40376

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1801	4040	7000	165	8.27

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.7	22	25	0	6

Table 196

TAXONOMIC GROUPING	COUNT
Acartia	0
Altautha	0
AMPHIPODA	4
APPENDICULARIA	4
BIVALVIA: LARVAE	0
Calanus	10
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	4
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	157
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	16
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	5
Microcalanus	1
MYSIDACEA	0
Oithona	73
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	2
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	92
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	5
Pseudocalanus sp. C5M	3
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	5
Pseudocalanus sp. C3	12
Pseudocalanus sp. C2	15
Pseudocalanus sp. C1	40
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
HAECKL 7601	60	50376

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1152	4100	6800	165	13.32

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.5	35	45	0	7

Table 197

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	0
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	3
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	7
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	4
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	1
Oithona	28
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	68
Pseudocalanus sp. C6F	7
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	11
Pseudocalanus sp. C4M	9
Pseudocalanus sp. C3	7
Pseudocalanus sp. C2	13
Pseudocalanus sp. C1	13
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
HAECKL 7601	74	60376

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2306	4115	6730	165	9.79

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.5	20	30	0	5

Table 198

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	1
AMPHIPODA	2
APPENDICULARIA	0
BIVALVIA: LARVAE	2
Calanus	3
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	1
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	4
Oithona	36
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	3
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	101
Pseudocalanus sp. C6F	16
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	11
Pseudocalanus sp. C5M	10
Psuedocalanus sp. C4F	18
Pseudocalanus sp. C4M	15
Pseudocalanus sp. C3	10
Pseudocalanus sp. C2	12
Pseudocalanus sp. C1	5
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
HAECKL 7601	89	90376

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1942	4200	6630	165	40.07

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.1	63	72	0	5

Table 199

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	8
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	11
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	3
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	89
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	45
COPEPODA: UNIDENT.	1
CYCLOPOIDA	1
DECAPODA: LARVAE	2
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	0
Oithona	45
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	4
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	5
Pseudocalanus sp. TOTAL	246
Pseudocalanus sp. C6F	56
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	12
Pseudocalanus sp. C5M	27
Psuedocalanus sp. C4F	14
Pseudocalanus sp. C4M	12
Pseudocalanus sp. C3	31
Pseudocalanus sp. C2	41
Pseudocalanus sp. C1	51
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

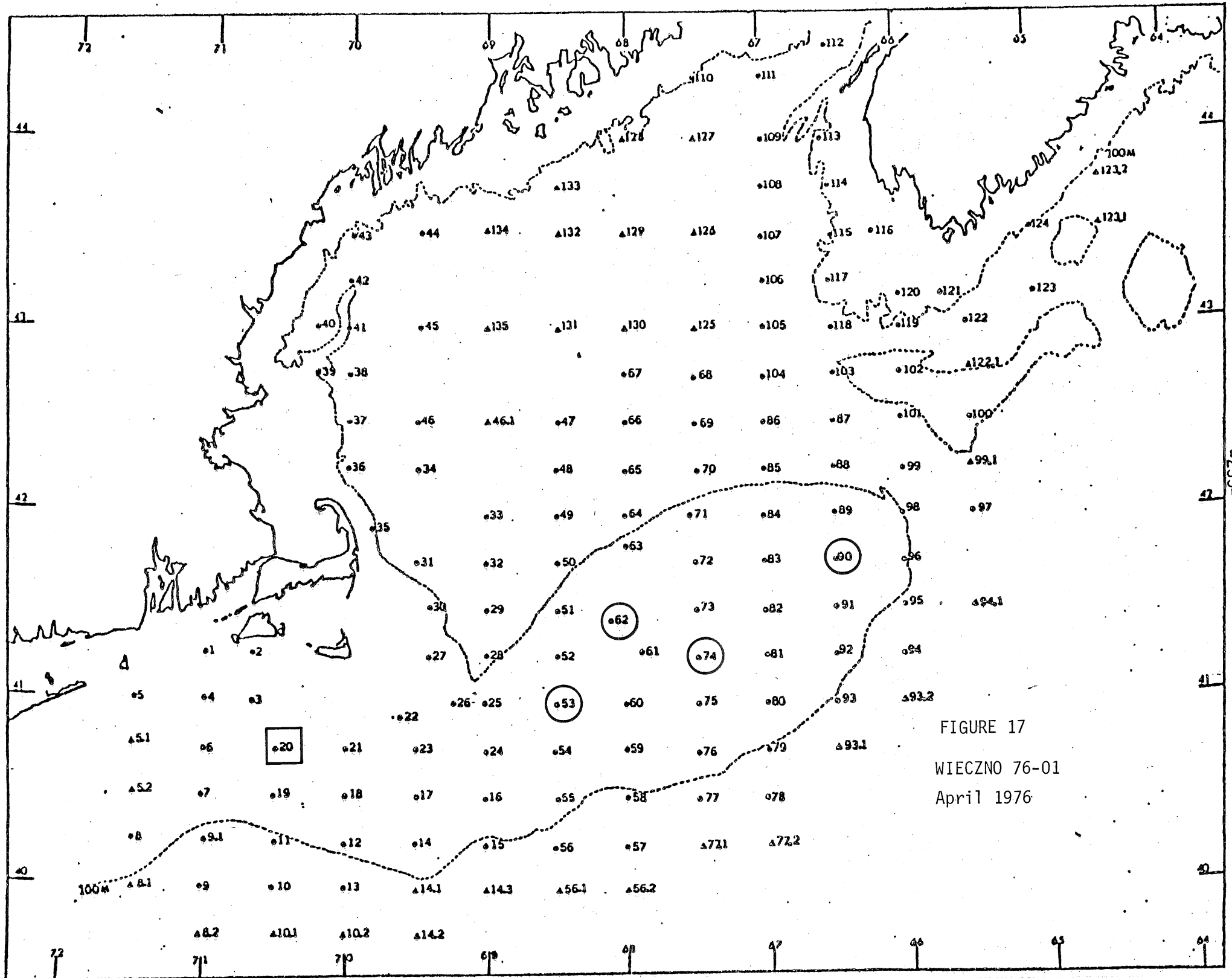

FIGURE 17

WIECZNO 76-01

April 1976

CRUISE	STA	DATE (EST)
WECZO 7601	20	140476

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1018	4045	7030	165	37.45

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.6	50	55	32.33	8

Table 200

TAXONOMIC GROUPING	COUNT
Acartia	20
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	127
BIVALVIA: LARVAE	-1
Calanus	18
Candacia	0
Centropages: C1 to C3	4
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	2
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	7
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	10
COPEPODA: UNIDENT.	1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	-1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	2
Microcalanus	2
MYSIDACEA	0
Oithona	168
OSTRACODA	1
Paracalanus crassirostrus	0
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	8
Pseudocalanus sp. TOTAL	190
Pseudocalanus sp. C6F	36
Pseudocalanus sp. C6M	9
Psuedocalanus sp. C5F	17
Pseudocalanus sp. C5M	28
Psuedocalanus sp. C4F	12
Pseudocalanus sp. C4M	12
Pseudocalanus sp. C3	41
Pseudocalanus sp. C2	25
Pseudocalanus sp. C1	10
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
WECZO 7601	53	170476

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1545	4100	6830	165	28.29

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
6.4	40	45	32.68	7

Table 201

TAXONOMIC GROUPING	COUNT
Acartia	2
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	-1
Calanus	3
Candacia	0
Centropages: C1 to C3	5
Centropages hamatus (GT C3) TOTAL	20
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	21
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	31
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	-1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	0
Oithona	45
OSTRACODA	0
Paracalanus crassirostrus	1
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	10
PSPLIT	7
Pseudocalanus sp. TOTAL	217
Pseudocalanus sp. C6F	18
Pseudocalanus sp. C6M	15
Psuedocalanus sp. C5F	13
Pseudocalanus sp. C5M	13
Psuedocalanus sp. C4F	28
Pseudocalanus sp. C4M	18
Pseudocalanus sp. C3	36
Pseudocalanus sp. C2	42
Pseudocalanus sp. C1	34
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
WECZO 7601	62	180476

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2329	4126	6806	165	21.83

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
6.5	30	33	32.77	8

Table 202

TAXONOMIC GROUPING	COUNT
Acartia	2
Alteutha	1
AMPHIPODA	4
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	4
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	13
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	9
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	21
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	0
Oithona	12
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	4
PSPLIT	8
Pseudocalanus sp. TOTAL	138
Pseudocalanus sp. C6F	16
Pseudocalanus sp. C6M	6
Psuedocalanus sp. C5F	8
Pseudocalanus sp. C5M	15
Psuedocalanus sp. C4F	15
Pseudocalanus sp. C4M	13
Pseudocalanus sp. C3	28
Pseudocalanus sp. C2	18
Pseudocalanus sp. C1	19
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
WECZO 7601	74	200476

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
0	4115	6730	165	34.9

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
6.6	37	42	32.79	7

Table 203

TAXONOMIC GROUPING	COUNT
Acartia	3
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	1
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	6
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	5
CIRRIPEDIA: NAUPLII	-1
CLADOCERA	-1
Clausocalanus	0
COPEPODA: NAUPLII	3
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	5
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	5
Oithona	6
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	12
PSPLIT	7
Pseudocalanus sp. TOTAL	18
Pseudocalanus sp. C6F	1
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	4
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
WECZO 7601	90	210476

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2321	4145	6630	165	35.2

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.9	72	73	32.9	7

Table 204

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	3
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	52
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	196
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	1
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	2
FISH LARVAE	1
GASTROPODA	19

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	1
Microcalanus	0
MYSIDACEA	0
Oithona	80
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	86
Pseudocalanus sp. C6F	15
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	7
Pseudocalanus sp. C5M	6
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	18
Pseudocalanus sp. C2	20
Pseudocalanus sp. C1	9
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

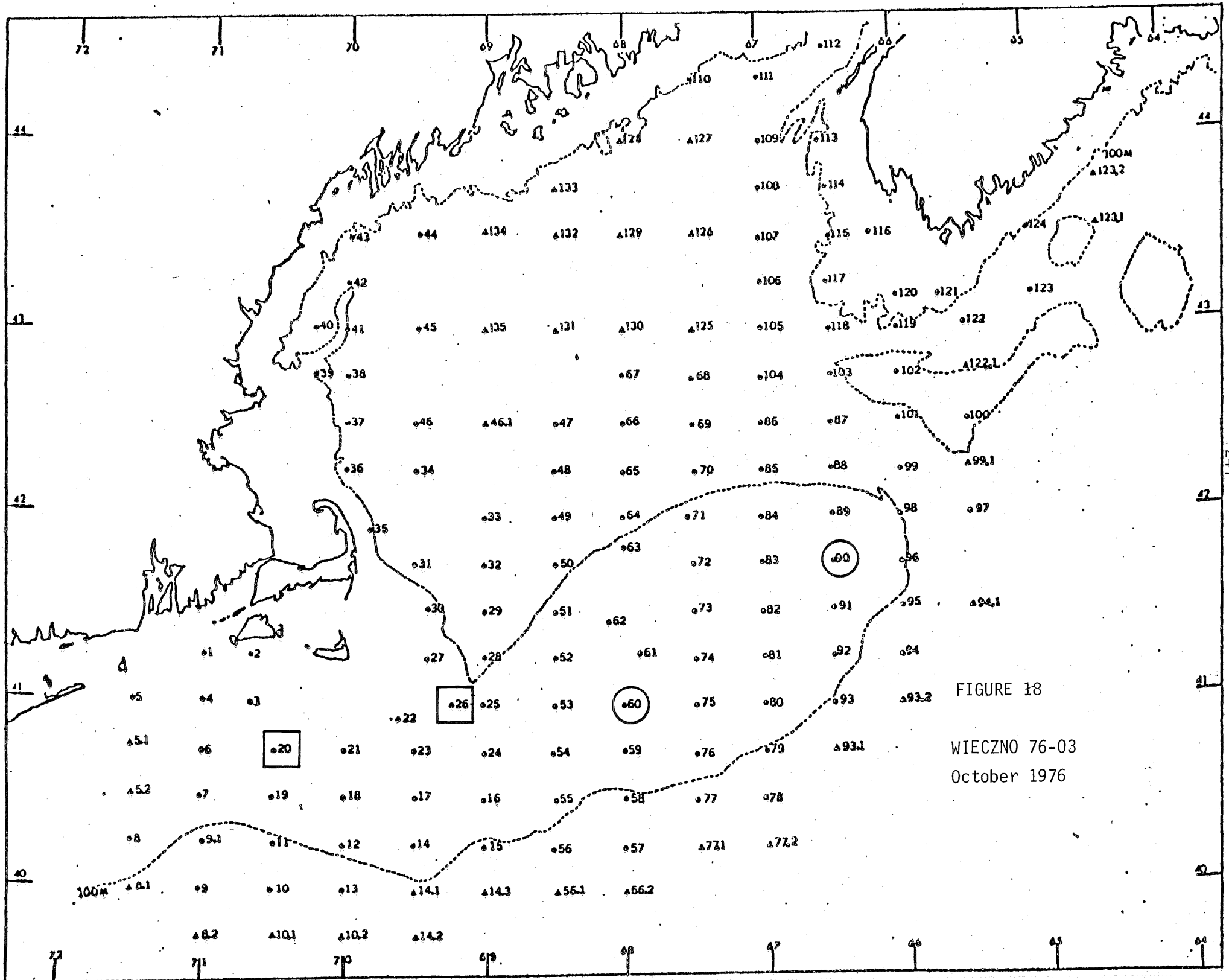

FIGURE 18

WIECZNO 76-03
October 1976

CRUISE	STA	DATE (EST)
WECZO 7603	20	181076

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1030	4045	7030	165	31.09

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 205

TAXONOMIC GROUPING	COUNT
Acartia	7
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	31
BIVALVIA: LARVAE	120
Calanus	3
Candacia	6
Centropages: C1 to C3	7
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	33
C. typicus C6F	13
C. typicus C6M	12
C. typicus C5	2
C. typicus C4	6
CHAETOGNATHA	10
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	3
CYCLOPOIDA	68
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	60

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	2
Microcalanus	-1
MYSIDACEA	0
Oithona	104
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	82
Pleuromamma	0
POLYCHAETA: LARVAE	11
PSPLIT	8
Pseudocalanus sp. TOTAL	5
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	3
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
WECZO 7603	26	191076

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
525	4100	6915	165	29.48

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 206

TAXONOMIC GROUPING	COUNT
Acartia	8
Alteutha	2
AMPHIPODA	5
APPENDICULARIA	6
BIVALVIA: LARVAE	17
Calanus	0
Candacia	0
Centropages: C1 to C3	13
Centropages hamatus (GT C3) TOTAL	4
C. hamatus C6	3
C. hamatus C4 and C5	1
Centropaces typicus (GT C3) TOTAL	33
C. typicus C6F	7
C. typicus C6M	10
C. typicus C5	8
C. typicus C4	8
CHAETOGNATHA	9
CIRRIPEDIA: NAUPLII	1
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	13
FISH LARVAE	0
GASTROPODA	20

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	7
Oithona	86
OSTRACODA	1
Paracalanus crassirostrus	94
Paracalanus parvus	48
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	8
Pseudocalanus sp. TOTAL	31
Pseudocalanus sp. C6F	13
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	6
Pseudocalanus sp. C5M	6
Psuedocalanus sp. C4F	1
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	1
Siphonophora	-1
Temora	1
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
WECZO 7603	60	241076

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
806	4100	6800	165	35.45

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 207

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	2
AMPHIPODA	3
APPENDICULARIA	65
BIVALVIA: LARVAE	20
Calanus	0
Candacia	0
Centropages: C1 to C3	18
Centropages hamatus (GT C3) TOTAL	24
C. hamatus C6	16
C. hamatus C4 and C5	8
Centropaces typicus (GT C3) TOTAL	10
C. typicus C6F	3
C. typicus C6M	2
C. typicus C5	3
C. typicus C4	2
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	3
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	16
FISH LARVAE	0
GASTROPODA	10

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	1
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	1
Oithona	188
OSTRACODA	1
Paracalanus crassirostrus	35
Paracalanus parvus	87
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	26
Pseudocalanus sp. C6F	10
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	12
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	1
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

CRUISE	STA	DATE (EST)
WECZO 7603	90	281076

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1110	4145	6630	165	75.83

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	8

Table 208

TAXONOMIC GROUPING	COUNT
Acartia	0
Altautha	0
AMPHIPODA	1
APPENDICULARIA	22
BIVALVIA: LARVAE	10
Calanus	3
Candacia	0
Centropages: C1 to C3	43
Centropages hamatus (GT C3) TOTAL	3
C. hamatus C6	1
C. hamatus C4 and C5	2
Centropaces typicus (GT C3) TOTAL	47
C. typicus C6F	5
C. typicus C6M	7
C. typicus C5	14
C. typicus C4	21
CHAETOGNATHA	13
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	85
FISH LARVAE	0
GASTROPODA	3

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	122
OSTRACODA	0
Paracalanus crassirostrus	5
Paracalanus parvus	123
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	8
Pseudocalanus sp. TOTAL	8
Pseudocalanus sp. C6F	4
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	1
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

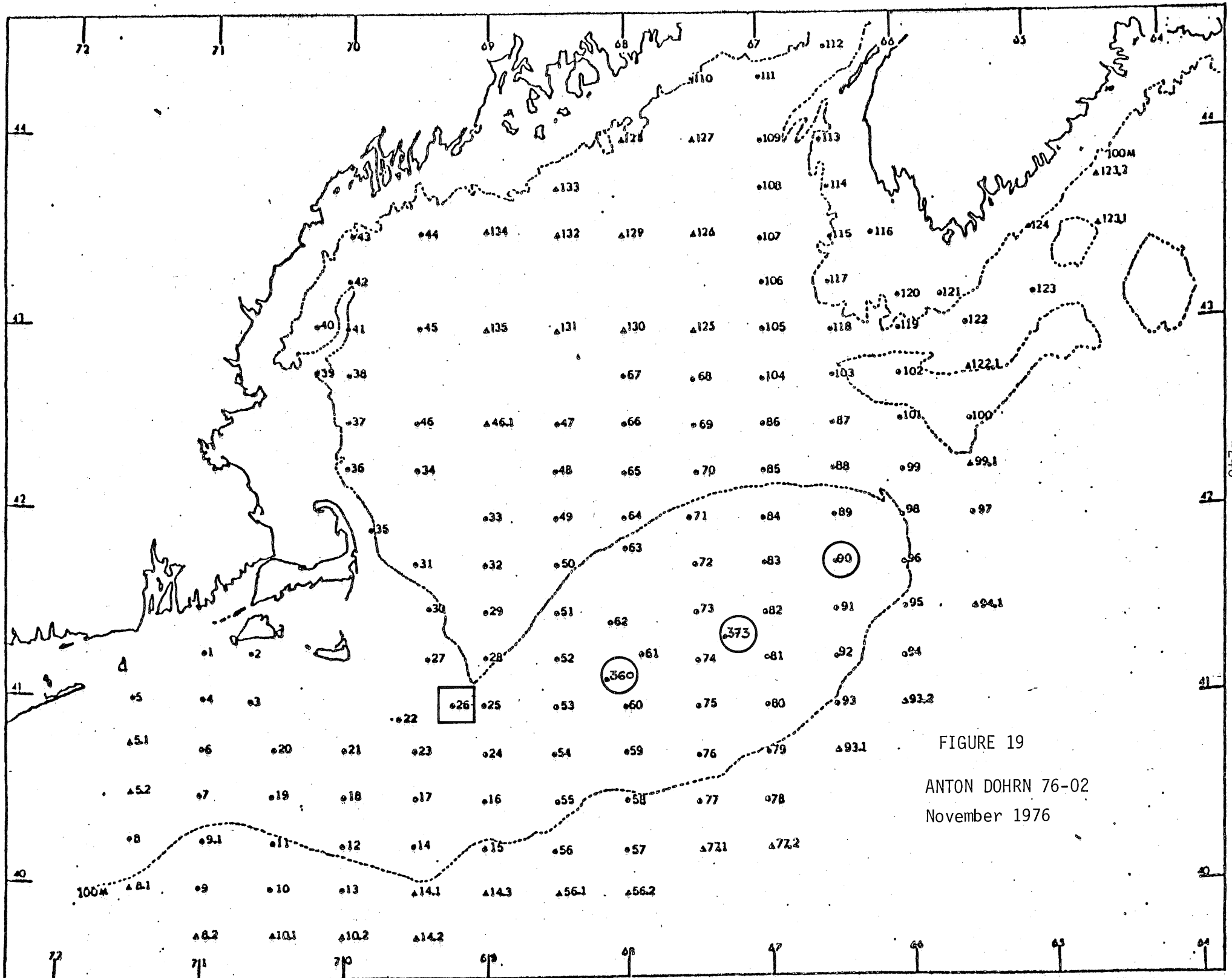

FIGURE 19

ANTON DOHRN 76-02
November 1976

CRUISE	STA	DATE (EST)
ADOHRN 7602	26	171176

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2251	4100	6916	165	25.09

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	6

Table 209

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	2
AMPHIPODA	13
APPENDICULARIA	11
BIVALVIA: LARVAE	2
Calanus	16
Candacia	0
Centropages: C1 to C3	11
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	4
C. typicus C6F	0
C. typicus C6M	2
C. typicus C5	0
C. typicus C4	2
CHAETOGNATHA	11
CIRRIPEDIA: NAUPLII	21
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	105
COPEPODA: UNIDENT.	0
CYCLOPOIDA	5
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	14
FISH LARVAE	0
GASTROPODA	12

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	152
OSTRACODA	2
Paracalanus crassirostrus	0
Paracalanus parvus	16
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	6
Pseudocalanus sp. TOTAL	163
Pseudocalanus sp. C6F	14
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	14
Psuedocalanus sp. C4F	8
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	34
Pseudocalanus sp. C2	30
Pseudocalanus sp. C1	47
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADOHRN 7602	360	211176

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
705	4801	6810	165	11.06

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	5

Table 210

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	3
APPENDICULARIA	60
BIVALVIA: LARVAE	86
Calanus	0
Candacia	0
Centropages: C1 to C3	5
Centropages hamatus (GT C3) TOTAL	94
C. hamatus C6	80
C. hamatus C4 and C5	14
Centropages typicus (GT C3) TOTAL	122
C. typicus C6F	40
C. typicus C6M	38
C. typicus C5	24
C. typicus C4	20
CHAETOGNATHA	12
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	6
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	17

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	3
Microcalanus	-1
MYSIDACEA	2
Oithona	13
OSTRACODA	0
Paracalanus crassirostrus	8
Paracalanus parvus	19
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	3
Pseudocalanus sp. C6F	3
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	1
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADOHRN 7602	373	221176

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1400	4122	6720	165	17.39

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 211

TAXONOMIC GROUPING	COUNT
Acartia	1
Altautha	0
AMPHIPODA	4
APPENDICULARIA	2
BIVALVIA: LARVAE	6
Calanus	0
Candacia	1
Centropages: C1 to C3	36
Centropages hamatus (GT C3) TOTAL	252
C. hamatus C6	214
C. hamatus C4 and C5	38
Centropaces typicus (GT C3) TOTAL	143
C. typicus C6F	39
C. typicus C6M	44
C. typicus C5	28
C. typicus C4	32
CHAETOGNATHA	10
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	16
FISH LARVAE	0
GASTROPODA	6

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	1
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	105
Oithona	0
OSTRACODA	0
Paracalanus crassirostrus	11
Paracalanus parvus	36
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	7
Pseudocalanus sp. TOTAL	3
Pseudocalanus sp. C6F	3
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
ADOHRN 7602	90	251176

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1756	4145	6630	165	69.41

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	6

Table 212

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	21
BIVALVIA: LARVAE	0
Calanus	0
Candacia	0
Centropages: C1 to C3	10
Centropages hamatus (GT C3) TOTAL	82
C. hamatus C6	60
C. hamatus C4 and C5	22
Centropages typicus (GT C3) TOTAL	142
C. typicus C6F	32
C. typicus C6M	31
C. typicus C5	47
C. typicus C4	32
CHAETOGNATHA	36
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	0
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	12
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	51
OSTRACODA	0
Paracalanus crassirostrus	22
Paracalanus parvus	125
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	17
Pseudocalanus sp. C6F	14
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

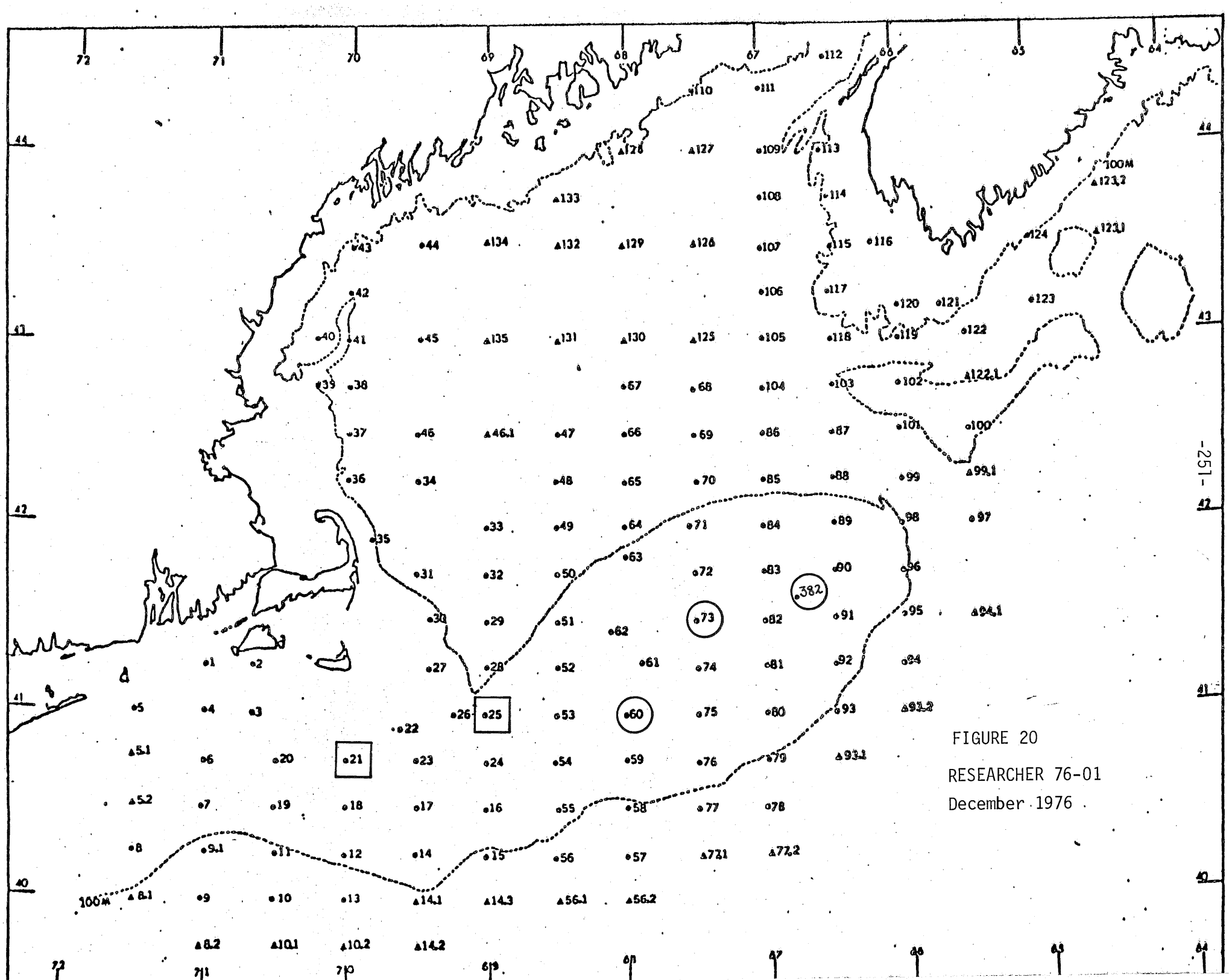

FIGURE 20

RESEARCHER 76-01

December 1976

CRUISE	STA	DATE (EST)
RESCHR 7601	21	291176

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1507	4043	7002	165	29.77

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 213

TAXONOMIC GROUPING	COUNT
Acartia	65
Alteutha	1
AMPHIPODA	21
APPENDICULARIA	0
BIVALVIA: LARVAE	10
Calanus	2
Candacia	0
Centropages: C1 to C3	31
Centropages hamatus (GT C3) TOTAL	21
C. hamatus C6	7
C. hamatus C4 and C5	14
Centropages typicus (GT C3) TOTAL	63
C. typicus C6F	18
C. typicus C6M	18
C. typicus C5	9
C. typicus C4	18
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	1
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	4
COPEPODA: UNIDENT.	0
CYCLOPOIDA	22
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	19

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	19
ISOPODA	0
Labidocera	1
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	15
Oithona	141
OSTRACODA	0
Paracalanus crassirostrus	132
Paracalanus parvus	58
Pleuromamma	0
POLYCHAETA: LARVAE	9
PSPLIT	7
Pseudocalanus sp. TOTAL	60
Pseudocalanus sp. C6F	13
Pseudocalanus sp. C6M	4
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	12
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	5
Pseudocalanus sp. C2	10
Pseudocalanus sp. C1	1
Siphonophora	-1
Temora	4
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
RESCHR 7601	25	301176

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
848	4100	6900	165	37.61

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 214

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	2
APPENDICULARIA	1
BIVALVIA: LARVAE	0
Calanus	2
Candacia	0
Centropages: C1 to C3	45
Centropages hamatus (GT C3) TOTAL	2
C. hamatus C6	1
C. hamatus C4 and C5	1
Centropages typicus (GT C3) TOTAL	53
C. typicus C6F	17
C. typicus C6M	8
C. typicus C5	11
C. typicus C4	17
CHAETOGNATHA	19
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	9
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	12
FISH LARVAE	0
GASTROPODA	2

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	0
Oithona	78
OSTRACODA	0
Paracalanus crassirostrus	3
Paracalanus parvus	68
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	82
Pseudocalanus sp. C6F	26
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	9
Pseudocalanus sp. C5M	5
Psuedocalanus sp. C4F	7
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	10
Pseudocalanus sp. C2	13
Pseudocalanus sp. C1	3
Siphonophora	-1
Temora	1
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
RESCHR 7601	60	41276

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
355	4100	6759	165	25.38

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	7

Table 215

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	3
BIVALVIA: LARVAE	80
Calanus	0
Candacia	0
Centropages: C1 to C3	58
Centropages hamatus (GT C3) TOTAL	66
C. hamatus C6	37
C. hamatus C4 and C5	29
Centropaces typicus (GT C3) TOTAL	72
C. typicus C6F	17
C. typicus C6M	11
C. typicus C5	27
C. typicus C4	17
CHAETOGNATHA	15
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	3
COPEPODA: UNIDENT.	0
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	7
FISH LARVAE	0
GASTROPODA	5

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	1
Oithona	57
OSTRACODA	0
Paracalanus crassirostrus	19
Paracalanus parvus	27
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	20
Pseudocalanus sp. C6F	5
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
RESCHR 7601	73	51276

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
940	4130	6730	165	24.04

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	6

Table 216

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	1
BIVALVIA: LARVAE	17
Calanus	0
Candacia	0
Centropages: C1 to C3	24
Centropages hamatus (GT C3) TOTAL	25
C. hamatus C6	20
C. hamatus C4 and C5	5
Centropaces typicus (GT C3) TOTAL	92
C. typicus C6F	20
C. typicus C6M	29
C. typicus C5	17
C. typicus C4	26
CHAETOGNATHA	12
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	14
COPEPODA: UNIDENT.	14
CYCLOPOIDA	1
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	8
FISH LARVAE	0
GASTROPODA	7

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	6
Microcalanus	-1
MYSIDACEA	0
Oithona	155
OSTRACODA	0
Paracalanus crassirostrus	3
Paracalanus parvus	101
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	6
Pseudocalanus sp. TOTAL	32
Pseudocalanus sp. C6F	10
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	0
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	5
Pseudocalanus sp. C2	7
Pseudocalanus sp. C1	4
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
RESCHR 7601	382	61276

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1209	4136	6645	165	37.57

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	6

Table 217

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	0
AMPHIPODA	7
APPENDICULARIA	0
BIVALVIA: LARVAE	9
Calanus	0
Candacia	0
Centropages: C1 to C3	50
Centropages hamatus (GT C3) TOTAL	69
C. hamatus C6	40
C. hamatus C4 and C5	29
Centropages typicus (GT C3) TOTAL	83
C. typicus C6F	19
C. typicus C6M	31
C. typicus C5	20
C. typicus C4	13
CHAETOGNATHA	12
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	10
COPEPODA: UNIDENT.	0
CYCLOPOIDA	3
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	10

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	6
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	-1
MYSIDACEA	0
Oithona	51
OSTRACODA	0
Paracalanus crassirostrus	89
Paracalanus parvus	54
Pleuromamma	0
POLYCHAETA: LARVAE	2
PSPLIT	6
Pseudocalanus sp. TOTAL	9
Pseudocalanus sp. C6F	4
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	1
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

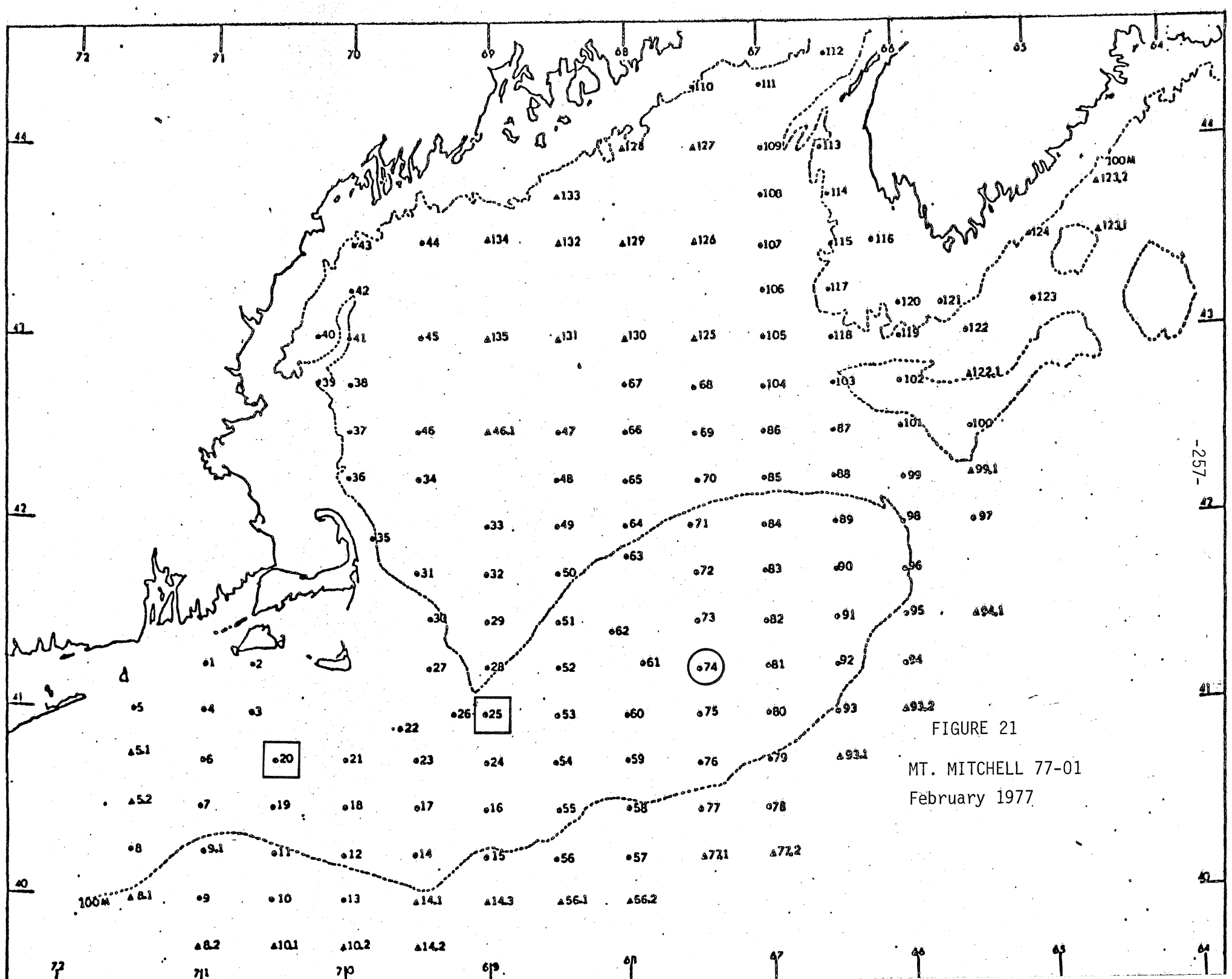

FIGURE 21

MT. MITCHELL 77-01

February 1977

CRUISE	STA	DATE (EST)
MMITCH 7701	20	150277

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
526	4045	7030	165	43.94

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	5

Table 218

TAXONOMIC GROUPING	COUNT
Acartia	5
Alteutha	0
AMPHIPODA	30
APPENDICULARIA	1
BIVALVIA: LARVAE	1
Calanus	1
Candacia	0
Centropages: C1 to C3	48
Centropages hamatus (GT C3) TOTAL	11
C. hamatus C6	3
C. hamatus C4 and C5	8
Centropages typicus (GT C3) TOTAL	69
C. typicus C6F	4
C. typicus C6M	5
C. typicus C5	20
C. typicus C4	40
CHAETOGNATHA	52
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	9
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	6
FISH LARVAE	10
GASTROPODA	3

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	4
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	5
Microcalanus	-1
MYSIDACEA	6
Oithona	63
OSTRACODA	0
Paracalanus crassirostrus	53
Paracalanus parvus	3
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	199
Pseudocalanus sp. C6F	43
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	47
Pseudocalanus sp. C5M	41
Psuedocalanus sp. C4F	27
Pseudocalanus sp. C4M	10
Pseudocalanus sp. C3	10
Pseudocalanus sp. C2	5
Pseudocalanus sp. C1	13
Siphonophora	-1
Temora	4
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
MMITCH 7701	25	150277

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2053	4100	6859	165	42.74

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	4

Table 219

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	1
APPENDICULARIA	0
BIVALVIA: LARVAE	2
Calanus	87
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	0
C. typicus C6M	1
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	4
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	7
COPEPODA: UNIDENT.	0
CYCLOPOIDA	2
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	2
Eurytemora	-1
FISH EGGS	20
FISH LARVAE	0
GASTROPODA	12

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	5
Microcalanus	-1
MYSIDACEA	0
Oithona	79
OSTRACODA	3
Paracalanus crassirostrus	0
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	4
Pseudocalanus sp. TOTAL	176
Pseudocalanus sp. C6F	130
Pseudocalanus sp. C6M	11
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	17
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
MMITCH 7701	74	190277

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1731	4116	6730	165	25.65

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	0	0	0	4

Table 220

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	9
AMPHIPODA	3
APPENDICULARIA	1
BIVALVIA: LARVAE	147
Calanus	4
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	50
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	28
COPEPODA: UNIDENT.	0
CYCLOPOIDA	2
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	6
Eurytemora	-1
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	6

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	16
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	-1
MYSIDACEA	62
Oithona	73
OSTRACODA	1
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	4
Pseudocalanus sp. TOTAL	11
Pseudocalanus sp. C6F	2
Pseudocalanus sp. C6M	0
Psuedocalanus sp. C5F	0
Pseudocalanus sp. C5M	1
Psuedocalanus sp. C4F	0
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	0
Pseudocalanus sp. C2	4
Pseudocalanus sp. C1	4
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	1

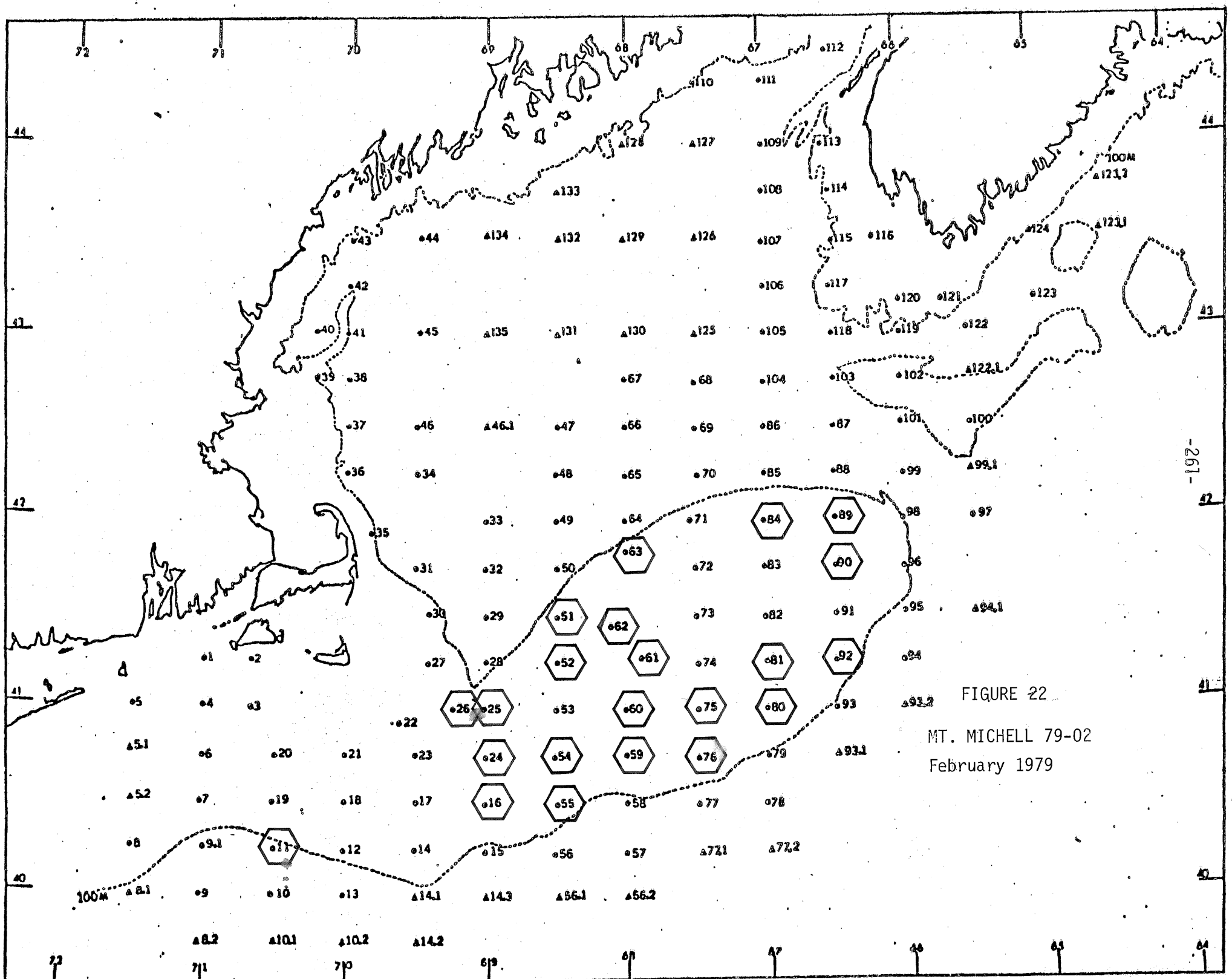

FIGURE 22

MT. MICHELL 79-02

February 1979

CRUISE	STA	DATE (EST)
MMITCH 7902	11	210279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
454	4016	7030	165	90.89

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
3.8	97	104	33.4	7

Table 221

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	1
AMPHIPODA	1
APPENDICULARIA	13
BIVALVIA: LARVAE	6
Calanus	6
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	1
C. typicus C4	0
CHAETOGNATHA	70
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	9
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	11

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	2
MYSIDACEA	0
Oithona	139
OSTRACODA	0
Paracalanus crassirostrus	2
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	7
Pseudocalanus sp. TOTAL	141
Pseudocalanus sp. C6F	-1
Pseudocalanus sp. C6M	-1
Psuedocalanus sp. C5F	-1
Pseudocalanus sp. C5M	-1
Psuedocalanus sp. C4F	-1
Pseudocalanus sp. C4M	-1
Pseudocalanus sp. C3	-1
Pseudocalanus sp. C2	-1
Pseudocalanus sp. C1	-1
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	16	210279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1615	4030	6900	165	64.21

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.8	65	73	33.21	4

Table 222

TAXONOMIC GROUPING	COUNT
Acartia	2
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	6
Calanus	0
Candacia	0
Centropages: C1 to C3	10
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	1
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	122
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	16
COPEPODA: UNIDENT.	5
CYCLOPOIDA	4
DECAPODA: LARVAE	1
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	354

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	0
Microcalanus	0
MYSIDACEA	18
Oithona	33
OSTRACODA	2
Paracalanus crassirostrus	1
Paracalanus parvus	1
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	4
Pseudocalanus sp. TOTAL	134
Pseudocalanus sp. C6F	36
Pseudocalanus sp. C6M	8
Psuedocalanus sp. C5F	14
Pseudocalanus sp. C5M	16
Psuedocalanus sp. C4F	11
Pseudocalanus sp. C4M	8
Pseudocalanus sp. C3	24
Pseudocalanus sp. C2	14
Pseudocalanus sp. C1	3
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	24	200279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
825	4046	6901	165	58.82

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
2.8	58	58	32.89	4

Table 223

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	1
APPENDICULARIA	33
BIVALVIA: LARVAE	0
Calanus	37
Candacia	0
Centropages: C1 to C3	14
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	61
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	8
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	39
COPEPODA: UNIDENT.	3
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	1
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	31
Microcalanus	-1
MYSIDACEA	0
Oithona	228
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	14
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	4
Pseudocalanus sp. TOTAL	156
Pseudocalanus sp. C6F	47
Pseudocalanus sp. C6M	8
Psuedocalanus sp. C5F	11
Pseudocalanus sp. C5M	19
Psuedocalanus sp. C4F	12
Pseudocalanus sp. C4M	9
Pseudocalanus sp. C3	32
Pseudocalanus sp. C2	16
Pseudocalanus sp. C1	2
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	25	200279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
608	4100	6901	165	66.67

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	77	86	33.16	6

Table 224

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	10
BIVALVIA: LARVAE	1
Calanus	10
Candacia	0
Centropages: C1 to C3	7
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	34
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	8
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	6
COPEPODA: UNIDENT.	5
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	1
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	7
Microcalanus	-1
MYSIDACEA	0
Oithona	158
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	9
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	171
Pseudocalanus sp. C6F	38
Pseudocalanus sp. C6M	9
Psuedocalanus sp. C5F	16
Pseudocalanus sp. C5M	23
Psuedocalanus sp. C4F	19
Pseudocalanus sp. C4M	8
Pseudocalanus sp. C3	38
Pseudocalanus sp. C2	17
Pseudocalanus sp. C1	3
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	26	200279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
430	4101	6916	165	43.2

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
0	58	64	33.1	6

Table 225

TAXONOMIC GROUPING	COUNT
Acartia	10
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	7
BIVALVIA: LARVAE	0
Calanus	2
Candacia	0
Centropages: C1 to C3	7
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	16
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	2
CIRRIPEDIA: NAUPLII	181
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	13
COPEPODA: UNIDENT.	4
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	1
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	15
Microcalanus	-1
MYSIDACEA	0
Oithona	238
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	5
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	6
Pseudocalanus sp. TOTAL	116
Pseudocalanus sp. C6F	21
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	18
Pseudocalanus sp. C5M	13
Psuedocalanus sp. C4F	19
Pseudocalanus sp. C4M	11
Pseudocalanus sp. C3	18
Pseudocalanus sp. C2	9
Pseudocalanus sp. C1	2
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	51	220279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
508	4130	6830	165	83.28

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.6	90	99	33.31	4

Table 226

TAXONOMIC GROUPING	COUNT
Acartia	1
Alteutha	1
AMPHIPODA	6
APPENDICULARIA	2
BIVALVIA: LARVAE	0
Calanus	38
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	41
C. typicus C6F	19
C. typicus C6M	6
C. typicus C5	6
C. typicus C4	10
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	15
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	2
GASTROPODA	16

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	17
Microcalanus	15
MYSIDACEA	0
Oithona	84
OSTRACODA	1
Paracalanus crassirostrus	1
Paracalanus parvus	30
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	3
Pseudocalanus sp. TOTAL	133
Pseudocalanus sp. C6F	62
Pseudocalanus sp. C6M	19
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	11
Psuedocalanus sp. C4F	8
Pseudocalanus sp. C4M	12
Pseudocalanus sp. C3	11
Pseudocalanus sp. C2	5
Pseudocalanus sp. C1	2
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	52	220279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
32	4115	6830	165	25.21

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.2	55	55	33.26	6

Table 227

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	1
AMPHIPODA	1
APPENDICULARIA	11
BIVALVIA: LARVAE	2
Calanus	20
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	1
C. hamatus C6	1
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	7
C. typicus C6F	1
C. typicus C6M	5
C. typicus C5	1
C. typicus C4	0
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	92
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	3
Microcalanus	27
MYSIDACEA	1
Oithona	175
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	16
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	4
Pseudocalanus sp. TOTAL	41
Pseudocalanus sp. C6F	12
Pseudocalanus sp. C6M	6
Psuedocalanus sp. C5F	1
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	4
Pseudocalanus sp. C2	4
Pseudocalanus sp. C1	6
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	54	220279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2158	4045	6829	165	30.81

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
3	50	50	33.04	5

Table 228

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	2
AMPHIPODA	1
APPENDICULARIA	1
BIVALVIA: LARVAE	9
Calanus	6
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	0
C. typicus C6F	0
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	0
CHAETOGNATHA	139
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	9
COPEPODA: UNIDENT.	0
CYCLOPOIDA	4
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	105

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	3
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	0
MYSIDACEA	99
Oithona	5
OSTRACODA	1
Paracalanus crassirostrus	0
Paracalanus parvus	0
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	46
Pseudocalanus sp. C6F	-1
Pseudocalanus sp. C6M	-1
Psuedocalanus sp. C5F	-1
Pseudocalanus sp. C5M	-1
Psuedocalanus sp. C4F	-1
Pseudocalanus sp. C4M	-1
Pseudocalanus sp. C3	-1
Pseudocalanus sp. C2	-1
Pseudocalanus sp. C1	-1
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	55	210279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1943	4030	6829	165	69.32

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.5	88	88	33.05	6

Table 229

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	9
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	3
C. typicus C6F	1
C. typicus C6M	0
C. typicus C5	0
C. typicus C4	2
CHAETOGNATHA	14
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	56
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	1
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	35

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	4
Microcalanus	0
MYSIDACEA	0
Oithona	50
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	4
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	156
Pseudocalanus sp. C6F	34
Pseudocalanus sp. C6M	5
Psuedocalanus sp. C5F	25
Pseudocalanus sp. C5M	21
Psuedocalanus sp. C4F	10
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	29
Pseudocalanus sp. C2	18
Pseudocalanus sp. C1	11
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	59	230279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1052	4044	6800	165	2.93

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.8	55	64	33.29	2

Table 230

TAXONOMIC GROUPING	COUNT
Acartia	4
Altautha	2
AMPHIPODA	0
APPENDICULARIA	24
BIVALVIA: LARVAE	0
Calanus	25
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	12
C. typicus C6F	4
C. typicus C6M	2
C. typicus C5	2
C. typicus C4	4
CHAETOGNATHA	31
CIRRIPEDIA: NAUPLII	5
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	142
COPEPODA: UNIDENT.	0
CYCLOPOIDA	4
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	41

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	0
MYSIDACEA	0
Oithona	75
OSTRACODA	2
Paracalanus crassirostrus	0
Paracalanus parvus	5
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	2
Pseudocalanus sp. TOTAL	170
Pseudocalanus sp. C6F	22
Pseudocalanus sp. C6M	10
Psuedocalanus sp. C5F	28
Pseudocalanus sp. C5M	24
Psuedocalanus sp. C4F	28
Pseudocalanus sp. C4M	12
Pseudocalanus sp. C3	18
Pseudocalanus sp. C2	12
Pseudocalanus sp. C1	16
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	2

CRUISE	STA	DATE (EST)
MMITCH 7902	60	230279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1245	4059	6800	165	37.34

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4	43	51	33.47	3

Table 231

TAXONOMIC GROUPING	COUNT
Acartia	2
Alteutha	15
AMPHIPODA	1
APPENDICULARIA	2
BIVALVIA: LARVAE	38
Calanus	21
Candacia	0
Centropages: C1 to C3	12
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	7
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	76
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	67
COPEPODA: UNIDENT.	-1
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	3
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	6
Microcalanus	63
MYSIDACEA	4
Oithona	248
OSTRACODA	2
Paracalanus crassirostrus	0
Paracalanus parvus	8
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	3
Pseudocalanus sp. TOTAL	114
Pseudocalanus sp. C6F	31
Pseudocalanus sp. C6M	11
Psuedocalanus sp. C5F	13
Pseudocalanus sp. C5M	6
Psuedocalanus sp. C4F	7
Pseudocalanus sp. C4M	5
Pseudocalanus sp. C3	8
Pseudocalanus sp. C2	13
Pseudocalanus sp. C1	20
Siphonophora	5
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	-1

CRUISE	STA	DATE (EST)
MMITCH 7902	61	230279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1434	4116	6754	165	37.71

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.1	41	46	33.42	3

Table 232

TAXONOMIC GROUPING	COUNT
Acartia	2
Alteutha	6
AMPHIPODA	2
APPENDICULARIA	21
BIVALVIA: LARVAE	1
Calanus	16
Candacia	0
Centropages: C1 to C3	6
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	39
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	145
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	24
Microcalanus	62
MYSIDACEA	4
Oithona	310
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	29
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	3
Pseudocalanus sp. TOTAL	116
Pseudocalanus sp. C6F	29
Pseudocalanus sp. C6M	18
Psuedocalanus sp. C5F	12
Pseudocalanus sp. C5M	12
Psuedocalanus sp. C4F	8
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	9
Pseudocalanus sp. C2	10
Pseudocalanus sp. C1	16
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	-1

CRUISE	STA	DATE (EST)
MMITCH 7902	62	230279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1552	4127	6806	165	19.62

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.3	20	24	33.48	4

Table 233

TAXONOMIC GROUPING	COUNT
Acartia	3
Alteutha	8
AMPHIPODA	2
APPENDICULARIA	5
BIVALVIA: LARVAE	0
Calanus	12
Candacia	0
Centropages: C1 to C3	11
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	23
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	3
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	61
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	2
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	20
Microcalanus	70
MYSIDACEA	0
Oithona	242
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	31
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	4
Pseudocalanus sp. TOTAL	126
Pseudocalanus sp. C6F	33
Pseudocalanus sp. C6M	20
Psuedocalanus sp. C5F	16
Pseudocalanus sp. C5M	10
Psuedocalanus sp. C4F	11
Pseudocalanus sp. C4M	3
Pseudocalanus sp. C3	12
Pseudocalanus sp. C2	10
Pseudocalanus sp. C1	11
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	-1

CRUISE	STA	DATE (EST)
MMITCH 7902	63	220279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
908	4150	6758	165	44.78

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5.2	62	62	33.46	4

Table 234

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	-1
Calanus	20
Candacia	-1
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	53
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	83
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	0
MYSIDACEA	0
Oithona	0
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	30
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	2
Pseudocalanus sp. TOTAL	100
Pseudocalanus sp. C6F	47
Pseudocalanus sp. C6M	1
Psuedocalanus sp. C5F	12
Pseudocalanus sp. C5M	22
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	6
Pseudocalanus sp. C3	6
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	75	230279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
558	4101	6730	165	46.25

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.4	61	63	33.4	4

Table 235

TAXONOMIC GROUPING	COUNT
Acartia	2
Alteutha	14
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	12
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	14
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	31
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	36
COPEPODA: UNIDENT.	-1
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Euchaeta	0
EUPHAUSIA	0
Eurytemora	1
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	3
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	1
Microcalanus	14
MYSIDACEA	0
Oithona	105
OSTRACODA	1
Paracalanus crassirostrus	0
Paracalanus parvus	7
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	4
Pseudocalanus sp. TOTAL	299
Pseudocalanus sp. C6F	39
Pseudocalanus sp. C6M	9
Psuedocalanus sp. C5F	30
Pseudocalanus sp. C5M	39
Psuedocalanus sp. C4F	46
Pseudocalanus sp. C4M	30
Pseudocalanus sp. C3	37
Pseudocalanus sp. C2	39
Pseudocalanus sp. C1	30
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	76	230279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
744	4044	6730	165	54.3

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5	69	82	0	2

Table 236

TAXONOMIC GROUPING	COUNT
Acartia	5
Alteutha	1
AMPHIPODA	3
APPENDICULARIA	18
BIVALVIA: LARVAE	0
Calanus	48
Candacia	0
Centropages: C1 to C3	7
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	65
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	4
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	1
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	3

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	1
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	15
Microcalanus	3
MYSIDACEA	0
Oithona	71
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	47
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	2
Pseudocalanus sp. TOTAL	224
Pseudocalanus sp. C6F	58
Pseudocalanus sp. C6M	22
Psuedocalanus sp. C5F	45
Pseudocalanus sp. C5M	30
Psuedocalanus sp. C4F	31
Pseudocalanus sp. C4M	24
Pseudocalanus sp. C3	13
Pseudocalanus sp. C2	1
Pseudocalanus sp. C1	0
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	-1

CRUISE	STA	DATE (EST)
MMITCH 7902	80	230279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
338	4101	6701	165	43.87

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
5	67	68	33.39	6

Table 237

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	4
AMPHIPODA	1
APPENDICULARIA	16
BIVALVIA: LARVAE	0
Calanus	39
Candacia	0
Centropages: C1 to C3	1
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	7
C. typicus C6F	2
C. typicus C6M	3
C. typicus C5	1
C. typicus C4	1
CHAETOGNATHA	17
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	101
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	17

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	13
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	0
Microcalanus	0
MYSIDACEA	0
Oithona	101
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	7
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	4
Pseudocalanus sp. TOTAL	58
Pseudocalanus sp. C6F	18
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	9
Pseudocalanus sp. C5M	17
Psuedocalanus sp. C4F	3
Pseudocalanus sp. C4M	1
Pseudocalanus sp. C3	3
Pseudocalanus sp. C2	3
Pseudocalanus sp. C1	1
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	81	230279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
203	4115	6703	165	46.58

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.2	61	62	33.42	4

Table 238

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	16
AMPHIPODA	4
APPENDICULARIA	-1
BIVALVIA: LARVAE	1
Calanus	11
Candacia	0
Centropages: C1 to C3	3
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	15
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	17
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	69
COPEPODA: UNIDENT.	1
CYCLOPOIDA	2
DECAPODA: LARVAE	0
Euchaeta	0
EUPHAUSIA	0
Eurytemora	0
FISH EGGS	1
FISH LARVAE	0
GASTROPODA	1

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	5
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	10
Microcalanus	36
MYSIDACEA	0
Oithona	122
OSTRACODA	2
Paracalanus crassirostrus	3
Paracalanus parvus	7
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	4
Pseudocalanus sp. TOTAL	114
Pseudocalanus sp. C6F	28
Pseudocalanus sp. C6M	3
Psuedocalanus sp. C5F	11
Pseudocalanus sp. C5M	10
Psuedocalanus sp. C4F	8
Pseudocalanus sp. C4M	5
Pseudocalanus sp. C3	15
Pseudocalanus sp. C2	19
Pseudocalanus sp. C1	15
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	-1

CRUISE	STA	DATE (EST)
MMITCH 7902	84	220279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1433	4200	6700	165	48.15

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4	60	62	33.02	5

Table 239

TAXONOMIC GROUPING	COUNT
Acartia	3
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	21
Candacia	0
Centropages: C1 to C3	-1
Centropages hamatus (GT C3) TOTAL	-1
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	-1
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	50
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	18
Microcalanus	0
MYSIDACEA	0
Oithona	17
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	8
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	5
Pseudocalanus sp. TOTAL	210
Pseudocalanus sp. C6F	77
Pseudocalanus sp. C6M	20
Psuedocalanus sp. C5F	20
Pseudocalanus sp. C5M	26
Psuedocalanus sp. C4F	18
Pseudocalanus sp. C4M	15
Pseudocalanus sp. C3	20
Pseudocalanus sp. C2	10
Pseudocalanus sp. C1	4
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	89	220279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1736	4200	6630	165	71.99

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.2	83	86	32.96	2.678

Table 240

TAXONOMIC GROUPING	COUNT
Acartia	0
Altautha	1
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	105
Candacia	0
Centropages: C1 to C3	0
Centropages hamatus (GT C3) TOTAL	-1
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	-1
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	0
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	44
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Euchaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	0

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	0
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	83
Microcalanus	0
MYSIDACEA	0
Oithona	14
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	8
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	2.678
Pseudocalanus sp. TOTAL	32
Pseudocalanus sp. C6F	19
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	2
Pseudocalanus sp. C5M	2
Psuedocalanus sp. C4F	2
Pseudocalanus sp. C4M	0
Pseudocalanus sp. C3	1
Pseudocalanus sp. C2	0
Pseudocalanus sp. C1	4
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	90	220279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
1952	4144	6629	165	46.41

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.2	75	75	32.99	5

Table 241

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	3
AMPHIPODA	0
APPENDICULARIA	24
BIVALVIA: LARVAE	3
Calanus	23
Candacia	0
Centropages: C1 to C3	2
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	0
C. hamatus C4 and C5	0
Centropages typicus (GT C3) TOTAL	11
C. typicus C6F	3
C. typicus C6M	6
C. typicus C5	1
C. typicus C4	1
CHAETOGNATHA	3
CIRRIPEDIA: NAUPLII	0
CLADOCERA	0
Clausocalanus	-1
COPEPODA: NAUPLII	71
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	1
Eucnaeta	-1
EUPHAUSIA	0
Eurytemora	-1
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	8

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	2
ISOPODA	0
Labidocera	0
Mecynocera clausii	-1
Metridia	1
Microcalanus	0
MYSIDACEA	0
Oithona	110
OSTRACODA	0
Paracalanus crassirostrus	0
Paracalanus parvus	7
Pleuromamma	0
POLYCHAETA: LARVAE	1
PSPLIT	3
Pseudocalanus sp. TOTAL	112
Pseudocalanus sp. C6F	47
Pseudocalanus sp. C6M	15
Psuedocalanus sp. C5F	10
Pseudocalanus sp. C5M	23
Psuedocalanus sp. C4F	5
Pseudocalanus sp. C4M	4
Pseudocalanus sp. C3	5
Pseudocalanus sp. C2	2
Pseudocalanus sp. C1	1
Siphonophora	-1
Temora	0
UNIDENT.GEL.ZOOP.	-1
UNIDENT. ZOOP. OTHER	0

CRUISE	STA	DATE (EST)
MMITCH 7902	92	220279

TIME (EST)	LATITUDE	LONGITUDE	GEAR	VOL STRAINED
2331	4114	6630	165	50.82

TEMP °C	TOW DEPTH	BOTTOM DEPTH	SALINITY	SPLIT
4.2	83	88	32.82	1

Table 242

TAXONOMIC GROUPING	COUNT
Acartia	0
Alteutha	0
AMPHIPODA	0
APPENDICULARIA	0
BIVALVIA: LARVAE	0
Calanus	0
Candacia	0
Centropages: C1 to C3	14
Centropages hamatus (GT C3) TOTAL	0
C. hamatus C6	-1
C. hamatus C4 and C5	-1
Centropages typicus (GT C3) TOTAL	35
C. typicus C6F	-1
C. typicus C6M	-1
C. typicus C5	-1
C. typicus C4	-1
CHAETOGNATHA	6
CIRRIPEDIA: NAUPLII	1
CLADOCERA	0
Clausocalanus	0
COPEPODA: NAUPLII	22
COPEPODA: UNIDENT.	0
CYCLOPOIDA	0
DECAPODA: LARVAE	0
Eucnaeta	-1
EUPHAUSIA	16
Eurytemora	0
FISH EGGS	0
FISH LARVAE	0
GASTROPODA	49

TAXONOMIC GROUPING	COUNT
HARPACTICOIDA: OTHER	5
ISOPODA	0
Labidocera	0
Mecynocera clausii	0
Metridia	124
Microcalanus	45
MYSIDACEA	0
Oithona	409
OSTRACODA	1
Paracalanus crassirostrus	1
Paracalanus parvus	46
Pleuromamma	0
POLYCHAETA: LARVAE	0
PSPLIT	1
Pseudocalanus sp. TOTAL	54
Pseudocalanus sp. C6F	21
Pseudocalanus sp. C6M	2
Psuedocalanus sp. C5F	3
Pseudocalanus sp. C5M	4
Psuedocalanus sp. C4F	6
Pseudocalanus sp. C4M	2
Pseudocalanus sp. C3	7
Pseudocalanus sp. C2	7
Pseudocalanus sp. C1	2
Siphonophora	0
Temora	0
UNIDENT.GEL.ZOOP.	0
UNIDENT. ZOOP. OTHER	-1