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**Fishes and Associated
Environmental Data Collected
in New York Bight,
June 1974-June 1975**

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Fishes and Associated Environmental Data Collected in New York Bight, June 1974-June 1975

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ABSTRACT

Tabulations of fishes and associated environmental observations are given for 700 trawl stations made during 30 collecting intervals in the New York Bight from June 1974 to June 1975. Summary tables included give the following information: collecting interval data (vessel, dates, stations sampled, gear, and area); station data (date, location, time of day, total catch, and environmental observations); and catch data for 127 species, representing 67 families (location, number, and weight).

The 10 most frequently collected species were: *Merluccius bilinearis* (456 stations), *Scophthalmus aquosus* (419), *Raja erinacea* (411), *Urophycis chuss* (409), *Pseudopleuronectes americanus* (363), *Hippoglossina oblonga* (325), *Lophius americanus* (305), *Peprilus triacanthus* (284), *Paralichthys dentatus* (272), and *Squalus acanthias* (224).

INTRODUCTION

The Sandy Hook Laboratory of the National Marine Fisheries Service began a systematic survey during June 1974 of benthic fishes occurring in the New York Bight and Sandy Hook, Lower, and Raritan Bays. This study was designed to provide a comprehensive data base for current and anticipated research needs. This paper contains tabulations of stations, catches, and environmental data collected during this 13-mo study.

These data, when compared with similar time series, will ultimately contribute a significant portion of the material needed to detect and understand natural and man-induced changes in relative abundance, distribution, movements, conditions, and reproductive cycles of fishes occurring in the New York Bight.

STUDY AREAS

The New York Bight is that portion of the Atlantic continental shelf between eastern Long Island, N.Y., and Cape May, N.J. (Fig. 1). This study was conducted in the northern section of the New York Bight where the Long Island and New Jersey coastlines are nearly perpendicular.

Two study areas, ocean and bay, were designated to facilitate sampling and data handling. The ocean study area was delineated by two sets of imaginary lines and the 28- and 366-m isobaths (Fig. 2). The first set of lines extends seaward from points on Long Island and New Jersey to the 28-m isobath; the second set from the 28-m isobath to the edge of the continental shelf (366 m). The bay study area included Sandy Hook, Lower, and Raritan Bays (Fig. 3).

STATION SELECTION

Station locations in the ocean survey area were selected by a stratified random sampling design (Steel and Torrie 1960). Strata boundaries were determined by depth, i.e., 0-10, 11-19, 20-28, 29-55, 56-110, 111-183, and 184-366 m (Fig. 2). A minimum of two stations per stratum were randomly selected to be sampled during each cruise. Inshore strata (0-28 m) were sampled at a rate of approximately one station per 515 km² and offshore strata (29-366 m) at a rate of approximately one station per 1,030 km². Grosslein (1969) described additional details pertaining to this sampling method and design.

The bay survey area was divided into 103 sampling blocks. Except where interrupted by land, each block measured 1' of latitude by 1' of longitude, i.e., 1.8 km × 1.4 km (2.5 km²). Trawl stations for all bay cruises were selected randomly from these blocks at the beginning of the study and were retained as permanent stations throughout the study.

MATERIALS AND METHODS

Research vessels used during this study were the 10.4-m *Xiphias* and 19.8-m *Rorqual* from the Northeast Fisheries Center, the 47.2-m *Delaware II* and 57.0-m *Albatross IV* from the National Ocean Survey, and the chartered 27.4-m *Atlantic Twin*. *Xiphias* and *Rorqual* were used exclusively in the bay areas, *Delaware II* was used in both the ocean and the bay, and *Albatross IV* and *Atlantic Twin* were used only in the ocean.

Loran A navigation was the principal method used for positioning on ocean stations. Radar, land ranges, and visual sightings of buoys were used to position vessels on bay stations and some of the inshore ocean stations.

Temperature, salinity, and depth observations were made at each station. Vertical temperature profiles were

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Figure 1.—Middle Atlantic continental shelf with outlines of the New York Bight (solid lines) and the survey areas (dashed lines) within the Bight.

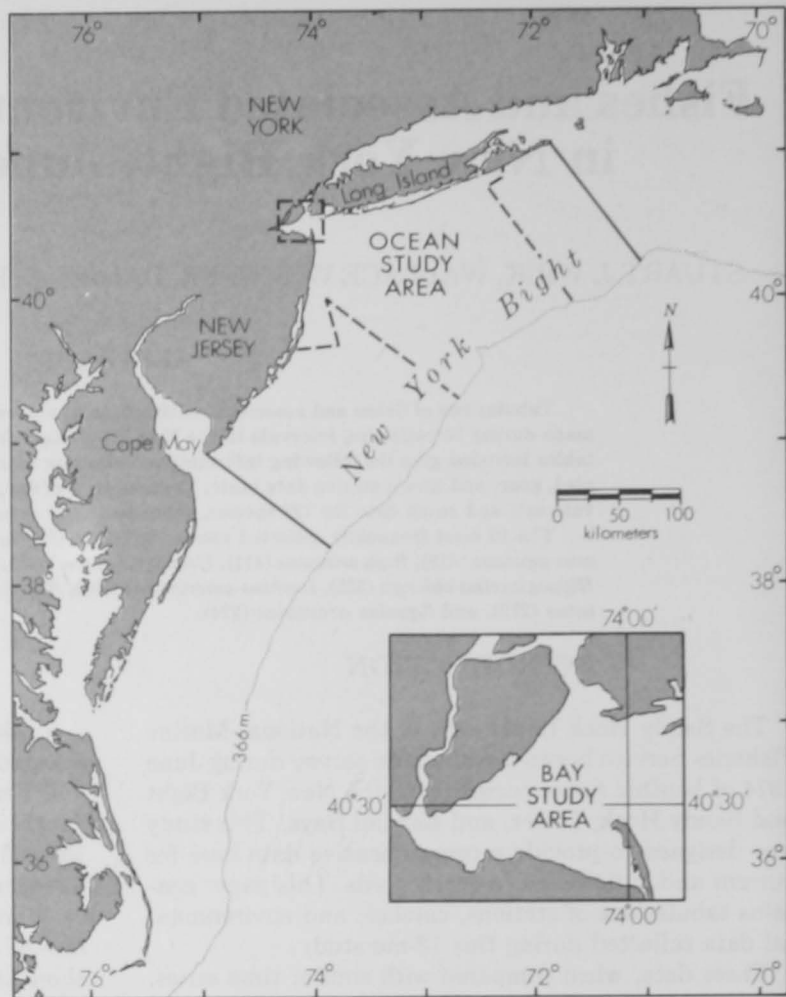
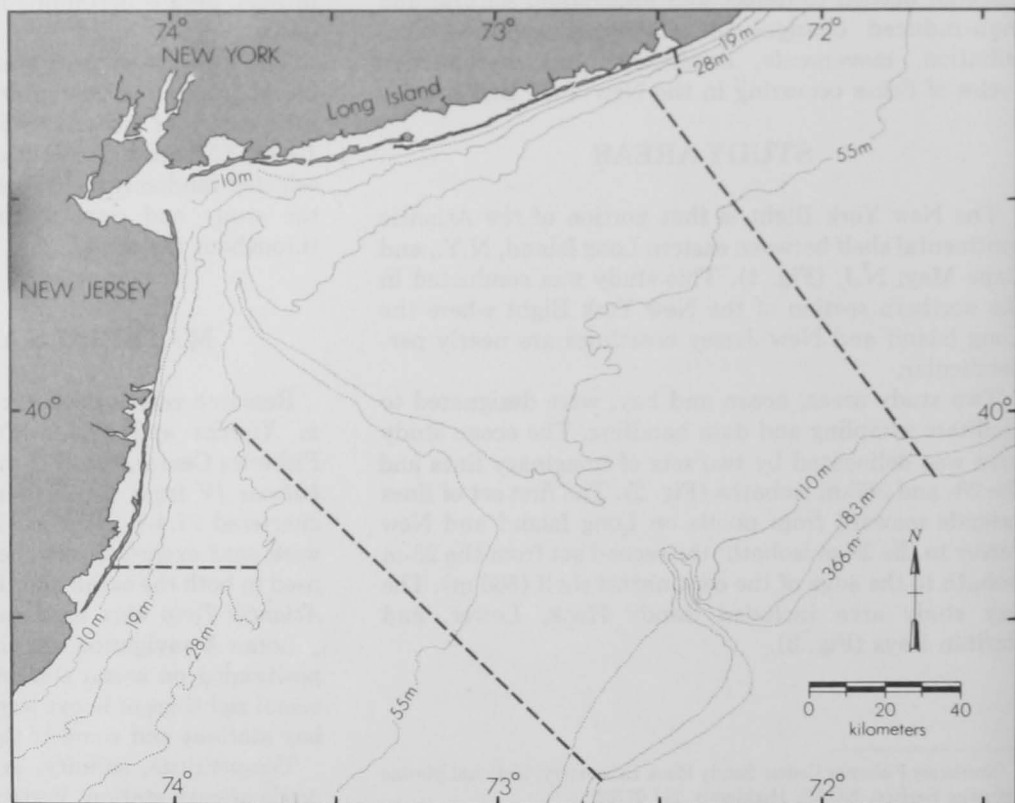


Figure 2.—Ocean study area divided into depth strata where finfishes were sampled during an otter trawl survey, June 1974 to June 1975.



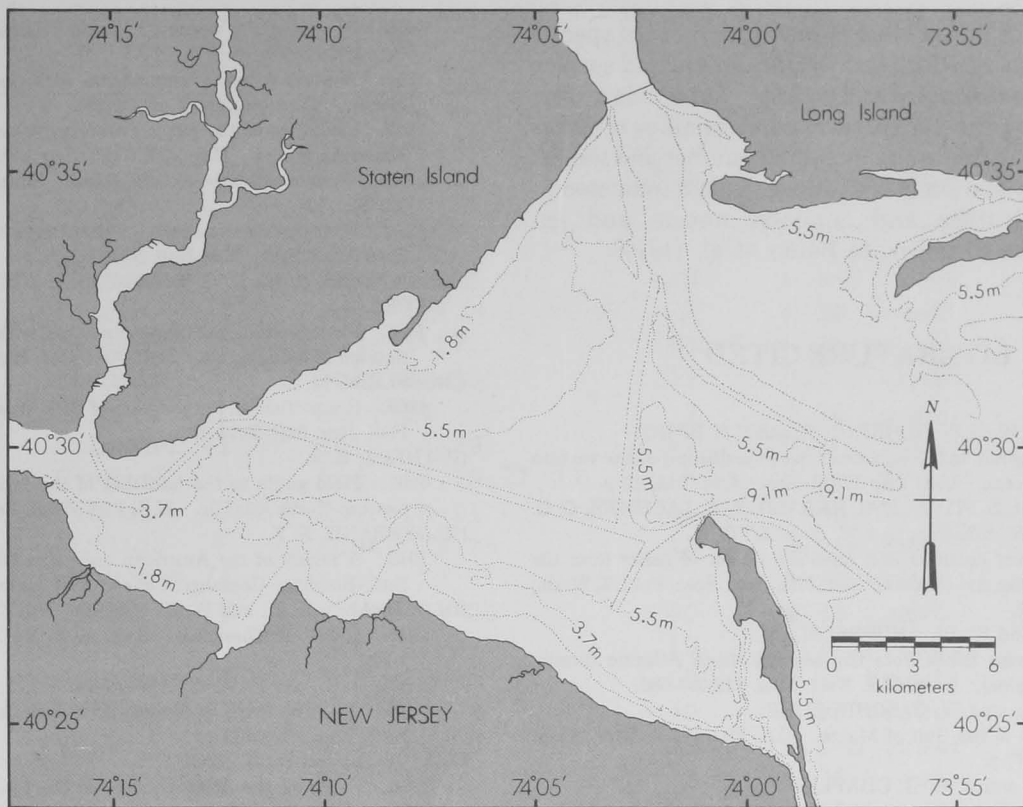


Figure 3.—Bay study area where finfishes were sampled during an otter trawl survey, June 1974 to June 1975.

obtained with expendable bathythermographs during ocean cruises and with a portable temperature probe during bay cruises. Surface water temperature was measured at each station with a stem thermometer accurate to $\pm 0.1^\circ\text{C}$ for calibration of the expendable bathythermograph and the probe. Surface and bottom water samples were taken at almost all stations for salinity determination by induction salinometer. Fathometers recorded depth during each trawl tow.

Fish collections were made with otter trawls towed at approximately 6.5 km/h for 15 min at bay stations and 30 min at ocean stations. The trawl used aboard *Xiphias* and *Rorqual* had a 9.1-m footrope, a 7.6-m headrope, and 7.6-m legs. a Yankee #36 trawl with a 24.4-m footrope, an 18.3-m headrope, and 9.1-m legs was used on *Delaware II*. The *Albatross IV* also used the #36 Yankee trawl as well as a #41 trawl with a 30.5-m footrope, a 24.4-m headrope, and 19.8-m top and 18.3-m bottom legs. The *Atlantic Twin* used a $\frac{3}{4}$ Yankee trawl with a 16.5-m footrope, an 11.9-m headrope, 11.6-m legs, and 16.5-m ground cables. All trawls were fitted with 12.7-mm stretch mesh cod end liners.

At the conclusion of each tow, the trawl was retrieved and emptied onto a sorting table where all fish species were separated and identified. All specimens of each species were weighed to the nearest whole pound and measured from the snout to the middle caudal ray in centimeters. All specimens of each species were usually measured except when subsamples of very large catches were measured. In such cases, an expansion factor

(weight of total catch/weight of subsample) was applied to the number and length frequency of the subsample to estimate the number and length frequency of the total catch.

Samples of each bony fish species, up to 35 specimens, were frozen from each trawl station for subsequent laboratory study. If the total catch of a species exceeded 35 specimens, a size-stratified sample of 25 to 35 specimens was frozen.

Sources of identification and nomenclature used were: Jordan and Evermann (1896-1900), Hildebrand and Schroeder (1928), Ginsburg (1937, 1950, 1951, 1952, 1953, 1954), Hildebrand (1943), Breder (1948), Bigelow and Schroeder (1953), Berry and Anderson (1961), Casey (1964), Eschmeyer (1965), Anderson et al. (1966), Greenwood et al. (1966), Leim and Scott (1966), Guthertz (1967), Böhlke and Chaplin (1968), Randall (1968), Bailey et al. (1970), Rosenblatt and McCosker (1970), and Marshall and Iwamoto (1973).

DATA TABULATIONS

During this study, 700 trawl stations were occupied in 13 mo. Stations were consecutively numbered to aid in cross-referencing location, catch, and associated environmental data. Table 1 lists station numbers, vessel, dates, number of stations, gear type, and study area for each collecting interval. Table 2 provides station information including date, coordinates to the nearest 0.2 km,

time of day (EST), trawling duration, number of species and individuals caught, total weight, depth, and surface and bottom temperature and salinity. Table 3 is a phylogenetic list of the 127 species and 67 families of fishes collected during this study including number and weight (kilograms) by station of occurrence. Unless indicated in Table 3, scientific and common names and arrangements are according to Bailey et al. (1970).

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Table 1.--Summary of collecting intervals sampled during trawl survey of New York Bight, June 1974 to June 1975.

Consecutive Sta. No.	Vessel	Date	No. of Sta.	Gear Type	Study Area
<u>1974</u>					
1 - 15	<i>Xiphias</i>	June 3,4,6	15	9.1-m trawl	bay
16 - 18	<i>Delaware II</i>	June 3	3	# 36 trawl	bay
19 - 61	<i>Delaware II</i>	June 3-17	43	# 36 trawl	ocean
62 - 76	<i>Xiphias</i>	July 23-25	15	9.1-m trawl	bay
77 - 79	<i>Delaware II</i>	July 24	3	# 36 trawl	bay
80 - 120	<i>Delaware II</i>	July 24-29	41	# 36 trawl	ocean
121 - 136	<i>Rorqual</i>	Aug. 14,15,21-23	16	9.1-m trawl	bay
137 - 181	<i>Delaware II</i>	Aug. 16-21	45	# 36 trawl	ocean
182 - 193	<i>Xiphias</i>	Sept. 23-25	12	9.1-m trawl	bay
194 - 196	<i>Delaware II</i>	Sept. 23	3	# 36 trawl	bay
197 - 236	<i>Delaware II</i>	Sept. 23-28	40	# 36 trawl	ocean
237 - 255	<i>Xiphias</i>	Oct. 22-24	19	9.1-m trawl	bay
256 - 258	<i>Delaware II</i>	Oct. 22	3	# 36 trawl	bay
259 - 298	<i>Delaware II</i>	Oct. 22-28	40	# 36 trawl	ocean
299 - 317	<i>Xiphias</i>	Nov. 18-20	19	9.1-m trawl	bay
318 - 320	<i>Delaware II</i>	Nov. 18	3	# 36 trawl	bay
321 - 357	<i>Delaware II</i>	Nov. 18-25	37	# 36 trawl	ocean
<u>1975</u>					
358 - 371	<i>Rorqual</i>	Jan. 3,6,9	14	9.1-m trawl	bay
372 - 385	<i>Rorqual</i>	Jan. 31; Feb. 3,4	14	9.1-m trawl	bay
386 - 388	<i>Delaware II</i>	Jan. 31	3	# 36 trawl	bay
389 - 439	<i>Delaware II</i>	Jan. 31; Feb. 1-6	51	# 36 trawl	ocean
440 - 458	<i>Albatross IV</i>	Mar. 6-8,10	19	# 41 trawl	ocean
459 - 485	<i>Atlantic Twin</i>	Mar. 20-24	27	3/4 Yankee trawl	ocean
486 - 500	<i>Rorqual</i>	Apr. 1,2,7	15	9.1-m trawl	bay
501 - 548	<i>Albatross IV</i>	Apr. 1-3,5-10	48	# 36 trawl	ocean
549 - 564	<i>Xiphias</i>	May 5-6,8	16	9.1-m trawl	bay
565 - 567	<i>Delaware II</i>	May 5	3	# 36 trawl	bay
568 - 627	<i>Delaware II</i>	May 5-12	60	# 36 trawl	ocean
628 - 636	<i>Xiphias</i>	June 3,9	9	9.1-m trawl	bay
637 - 700	<i>Delaware II</i>	June 2-9	64	# 36 trawl	ocean
TOTAL			700		

Table 2.--Summary of trawl stations made in New York Bight June 1974 to June 1975. An asterisk (*) indicates a weight less than 0.5 kg and two asterisks (**) indicates data not taken.

Sta. No.	Date	Location		Start Time	Duration (min)	Total Catch		No. spp. Caught	Depth (m)	Temp. (°C)		Salinity (o/oo)	
		Lat. (N)	Long. (W)			No.	Wt. (kg)			Surface	Bottom	Surface	Bottom
1974													
June													
1	3	40°29.0'	74°03.0'	0958	15	5	4.5	4	8	16.4	15.4	22.8	23.7
2	3	40°28.8'	74°04.4'	1130	15	48	1.8	3	7	16.6	15.7	22.3	22.4
3	3	40°29.0'	74°05.8'	1310	15	9	0.5	3	7	18.6	15.2	21.8	25.5
4	3	40°27.8'	74°08.8'	1427	15	3	0.5	1	4	17.3	17.0	21.0	21.4
5	4	40°28.5'	74°12.7'	0830	15	NO FISH CAUGHT			5	17.8	16.9	20.9	21.8
6	4	40°30.4'	74°10.2'	0913	15	1	*	1	6	17.8	16.7	22.5	22.5
7	4	40°30.6'	74°05.8'	0955	15	2	1.4	2	6	17.6	16.0	22.2	23.0
8	4	40°27.8'	74°05.4'	1046	15	2	*	1	5	18.4	16.4	21.9	22.5
9	4	40°26.5'	74°02.5'	1137	15	22	2.7	7	5	18.2	16.0	22.4	24.2
10	4	40°27.5'	74°01.4'	1227	15	27	3.2	3	6	17.7	15.8	22.6	24.1
11	6	40°29.2'	74°01.4'	0809	15	2	*	2	6	16.5	16.4	26.1	26.1
12	6	40°30.0'	74°01.3'	0855	15	1	*	1	6	16.5	15.9	25.1	25.7
13	6	40°32.8'	74°05.3'	1040	15	NO FISH CAUGHT			5	17.0	16.5	22.4	24.0
14	6	40°33.0'	74°03.5'	1215	15	22	3.6	5	12	19.2	16.0	23.0	26.5
15	6	40°36.4'	74°02.7'	1335	15	NO FISH CAUGHT			33	18.0	16.2	20.1	26.2
16	3	40°29.0'	74°03.0'	0957	15	494	27.2	13	8	16.4	15.4	22.8	23.7
17	3	40°28.8'	74°04.4'	1130	15	2859	106.6	18	7	16.6	15.7	22.3	22.4
18	3	40°29.0'	74°05.8'	1315	15	2250	22.7	8	8	18.6	15.2	21.8	25.5
19	3	40°32.5'	73°41.5'	2224	30	806	93.9	16	15	15.4	14.1	30.9	30.9
20	4	40°30.0'	73°40.0'	0017	30	520	51.7	11	18	15.3	13.0	31.0	31.0
21	4	40°31.5'	73°36.5'	0152	30	476	73.4	18	19	15.5	13.9	31.0	31.1
22	4	40°22.0'	73°29.0'	0340	30	36	18.1	10	26	14.0	10.2	31.0	31.6
23	4	40°32.0'	73°27.0'	0525	30	88	45.8	11	15	13.6	13.1	30.9	31.0
24	4	40°33.5'	73°21.0'	0644	30	153	56.7	7	20	13.8	13.2	30.7	31.1
25	4	40°31.5'	73°17.0'	0815	30	34	40.8	4	26	14.0	10.5	30.8	31.6
26	4	40°22.5'	72°59.5'	1023	30	2	0.5	1	38	15.3	7.2	31.7	33.2
27	4	40°34.0'	73°03.0'	1203	30	68	31.8	8	24	13.5	11.2	31.0	30.5
28	4	40°39.3'	73°01.0'	1324	30	469	50.3	16	14	14.6	11.9	30.6	30.8
29	4	40°43.0'	72°49.5'	1501	30	953	42.2	14	16	15.2	12.3	30.7	30.9
30	4	40°43.5'	72°43.0'	1630	30	158	37.2	8	26	14.3	11.0	30.8	31.7
31	4	40°29.0'	72°22.0'	1905	30	31	20.0	10	53	14.3	6.9	32.4	32.8
32	4	40°05.0'	72°12.0'	2148	30	37	10.4	6	74	13.1	6.5	32.5	32.8
33	5	39°50.5'	71°56.5'	0017	30	90	2.7	6	134	14.5	12.8	33.7	35.0
34	5	39°46.0'	72°15.0'	0227	30	52	5.0	8	97	12.8	11.6	32.6	34.7
35	5	39°30.5'	72°10.5'	0450	30	5	*	4	242	13.0	12.0	33.4	35.6
36	5	39°30.5'	72°12.0'	0620	30	182	6.4	13	223	13.0	11.8	**	**
37	5	39°31.5'	72°32.5'	0835	30	28	5.4	7	99	19.2	16.4	33.6	34.0
38	5	39°23.0'	72°20.0'	1025	30	800	108.4	4	145	19.0	17.2	35.4	35.8
39	5	39°12.0'	72°28.5'	1258	30	124	17.7	10	322	22.5	8.9	35.0	34.2
40	5	39°20.0'	72°37.0'	1506	30	8	6.4	3	119	14.8	13.6	35.5	31.6
41	5	39°41.0'	72°59.5'	1807	30	12	3.6	5	55	16.7	7.8	33.5	33.1
42	5	39°44.0'	73°16.0'	1947	30	36	7.7	8	40	16.4	8.0	31.7	32.8
43	5	39°50.5'	73°35.0'	2145	30	61	10.0	10	33	13.2	4.7	30.2	32.8
44	5	39°43.0'	73°54.5'	2359	30	129	28.1	10	23	17.1	9.0	30.8	33.6
45	6	39°51.0'	73°58.0'	0124	30	184	36.3	11	17	17.1	11.9	29.8	32.3
46	6	39°56.0'	74°03.2'	0245	30	1004	88.5	12	16	15.4	12.8	29.9	32.0
47	6	39°58.5'	73°57.0'	0424	30	40	38.6	10	17	15.5	11.1	30.9	31.7
48	6	40°06.0'	74°01.0'	0544	30	361	56.7	10	15	14.7	11.8	30.2	31.7
49	6	40°12.0'	73°49.0'	0720	30	31	17.7	7	27	16.0	8.7	30.2	32.2
50	6	40°13.0'	73°54.0'	0816	30	385	71.2	12	22	16.3	11.8	30.9	31.7
51	6	40°18.0'	73°50.0'	0923	30	29	26.8	9	27	16.6	7.9	30.5	31.3
52	6	40°24.0'	73°54.3'	1130	30	189	86.6	9	17	18.3	12.3	30.4	32.3
53	6	40°27.0'	73°51.5'	1322	30	473	89.8	17	19	18.4	11.5	28.5	31.5
54	6	40°24.5'	73°47.5'	1513	30	53	29.9	10	35	16.5	7.3	28.8	32.8
55	6	40°16.0'	73°44.0'	1915	30	42	10.0	8	30	16.6	8.0	32.2	30.4
56	6	40°13.0'	73°37.0'	2035	30	34	20.4	8	35	16.7	7.8	32.1	31.7
57	6	40°12.0'	73°31.0'	2150	30	73	33.1	12	38	15.8	7.4	31.1	32.1
58	6	40°15.0'	73°35.0'	2356	30	95	12.7	12	27	16.4	9.0	31.1	31.9
59	7	40°20.3'	73°45.8'	0150	30	56	26.8	10	28	16.2	7.8	**	32.4
60	7	40°24.0'	73°44.5'	0317	30	49	17.7	8	24	15.6	8.7	30.6	30.4
61	7	40°32.3'	73°48.5'	0503	30	887	31.3	10	10	15.6	**	30.2	30.1

Table 2.--Continued

Sta. No.	Date	Location		Start Time	Duration (min)	Total Catch		No. spp. Caught	Depth (m)	Temp. (°C)		Salinity (o/oo)	
		Lat. (N)	Long. (W)			No.	Wt. (kg)			Surface	Bottom	Surface	Bottom
July													
62	23	40°26.9'	74°05.0'	0845	15	18	1.4	4	6	21.9	22.0	26.9	26.4
63	23	40°27.0'	74°02.8'	0930	15	86	9.1	6	8	21.0	22.0	27.1	27.0
64	23	40°27.0'	74°02.0'	1025	15	3	1.4	2	7	21.0	22.0	27.2	27.5
65	24	40°29.5'	74°03.0'	0828	15	16	8.2	3	9	20.5	22.0	26.9	27.4
66	24	40°29.0'	74°02.0'	0923	15	13	22.7	4	8	20.7	21.0	27.1	27.1
67	24	40°26.9'	74°06.0'	1017	15	21	11.3	5	9	21.0	20.5	26.4	27.3
68	24	40°29.2'	74°06.3'	1056	15	26	11.3	9	10	21.0	20.7	26.8	26.9
69	24	40°25.3'	74°00.3'	1339	15	11	5.0	4	7	21.5	21.0	26.8	27.8
70	24	40°28.0'	74°03.2'	1419	15	46	14.5	7	7	20.9	21.0	27.7	27.4
71	25	40°33.7'	74°03.1'	0948	15	10	2.7	7	11	20.3	19.0	28.3	28.6
72	25	40°32.9'	74°05.6'	1021	15	1	*	1	6	20.0	19.8	27.0	27.2
73	25	40°31.0'	74°01.0'	1110	15	3	*	2	6	19.8	19.3	27.9	29.0
74	25	40°30.8'	74°05.0'	1147	15	2	*	2	7	20.0	20.2	26.7	27.1
75	25	40°30.6'	74°09.0'	1230	15	7	*	1	6	20.9	21.0	26.5	26.8
76	25	40°28.0'	74°10.0'	1310	15	2	3.6	2	4	21.0	20.9	26.0	26.1
77	24	40°27.0'	74°05.0'	0829	15	55	93.9	10	8	21.9	22.0	26.9	27.4
78	24	40°26.9'	74°03.0'	1015	15	205	44.0	7	7	21.0	22.0	26.4	27.3
79	24	40°29.2'	74°06.2'	1157	15	876	29.0	9	9	21.0	22.0	26.8	26.9
80	24	40°30.0'	73°43.0'	1338	30	409	76.2	10	18	19.2	13.5	30.2	32.5
81	24	40°31.5'	73°32.9'	1510	30	518	26.8	9	15	19.6	**	30.4	31.2
82	24	40°24.0'	73°31.0'	1646	30	555	52.6	9	22	20.4	13.8	30.9	32.3
83	24	40°26.6'	73°25.3'	1812	30	125	45.8	9	24	19.9	13.5	30.4	32.5
84	24	40°31.5'	73°28.0'	1940	30	225	97.1	13	16	19.5	15.1	30.3	32.4
85	24	40°34.0'	73°18.0'	2125	30	171	70.3	14	18	20.1	15.9	31.3	32.6
86	24	40°26.5'	73°16.5'	2359	30	514	148.8	10	27	20.3	14.1	31.2	32.8
87	25	40°23.8'	72°52.4'	0406	30	387	112.9	12	39	20.1	12.9	31.4	31.5
88	25	40°36.1'	73°01.4'	0706	30	111	5.9	4	20	19.9	10.9	32.0	32.4
89	25	40°39.0'	72°51.5'	1108	30	70	10.0	5	25	20.4	14.9	32.7	31.8
90	25	40°44.0'	72°47.8'	1231	30	5244	59.9	16	15	20.4	20.4	31.0	31.8
91	25	40°44.5'	72°40.0'	1421	30	1382	23.1	6	21	20.1	14.1	31.7	32.3
92	25	40°48.1'	72°33.2'	1546	30	18002	109.8	15	17	18.9	17.9	31.6	31.8
93	26	40°35.4'	72°36.5'	0246	30	166	24.5	11	33	20.3	11.1	31.5	32.9
94	26	40°17.3'	72°37.6'	0642	30	113	22.2	13	52	20.2	8.8	31.7	33.2
95	26	39°58.5'	72°42.0'	1035	30	9	13.6	3	57	21.8	7.3	33.1	33.5
96	26	39°47.5'	72°33.5'	1346	30	36	6.4	10	64	21.6	8.5	33.0	33.8
97	26	39°47.8'	72°23.5'	1515	30	34	3.2	6	82	21.5	9.9	32.8	34.4
98	26	40°02.8'	72°17.0'	1723	30	28	11.8	7	75	21.0	8.9	33.1	33.9
99	26	39°49.0'	71°46.0'	2222	30	290	57.6	13	329	22.5	8.2	34.8	35.1
100	27	39°37.8'	71°59.0'	0049	30	107	11.8	11	262	21.8	9.0	34.1	35.1
101	27	39°34.5'	72°13.9'	0413	30	60	5.0	9	123	21.8	13.1	33.9	36.0
102	27	39°24.1'	72°16.2'	0606	30	22	8.6	5	227	21.6	18.5	33.6	35.7
103	27	39°11.0'	72°34.5'	1338	30	13	0.9	2	161	22.9	12.5	34.8	35.9
104	27	39°27.5'	72°49.0'	2030	30	102	8.6	10	62	22.7	8.4	33.6	33.7
105	28	39°52.0'	73°01.0'	0011	30	1044	135.6	15	60	22.3	7.3	32.5	33.2
106	28	40°04.3'	73°02.8'	0410	30	113	16.8	12	46	21.7	8.3	32.0	33.2
107	28	39°55.3'	73°18.2'	0613	30	545	122.5	12	51	21.6	9.0	32.1	33.2
108	28	39°53.0'	73°48.5'	0858	30	71	6.4	3	27	22.5	12.9	31.4	32.6
109	28	39°53.5'	74°02.5'	1132	30	797	5.0	6	15	22.1	16.2	31.0	31.9
110	28	39°56.3'	73°54.0'	1302	30	1211	27.2	4	22	22.4	13.5	31.4	32.4
111	28	39°59.4'	74°02.6'	1441	30	1190	39.9	13	15	22.2	15.7	30.9	31.8
112	28	40°04.2'	73°36.1'	1720	30	1451	86.6	12	42	23.5	10.7	30.0	33.0
113	28	40°14.0'	73°35.0'	2001	30	42	7.7	9	33	22.5	14.1	30.9	32.8
114	28	40°17.0'	73°39.0'	2115	30	41	9.5	8	27	22.1	14.1	28.5	32.4
115	28	40°24.0'	73°41.0'	2228	30	979	169.6	13	26	20.9	14.8	31.0	32.4
116	29	40°26.0'	73°41.0'	0012	30	920	156.9	9	27	21.3	14.5	**	**
117	29	40°23.0'	73°34.0'	0136	30	310	60.8	13	22	21.6	14.9	30.9	32.6
118	29	40°10.0'	73°51.0'	0448	30	1011	21.8	8	24	22.1	14.5	30.8	32.3
119	29	40°14.0'	73°48.0'	0612	30	166	18.6	7	33	22.3	13.9	31.0	32.5
120	29	40°17.5'	73°53.4'	0717	30	1144	33.6	12	30	21.2	16.5	29.5	32.0

Table 2.--Continued

Sta. No.	Date	Location		Start Time	Duration (min)	Total Catch		No. spp. Caught	Depth (m)	Temp. (°C)		Salinity (o/oo)	
		Lat. (N)	Long. (W)			No.	Wt. (kg)			Surface	Bottom	Surface	Bottom
	Aug.												
121	14	40°29.1'	74°01.9'	0826	15	NO FISH CAUGHT			5	23.6	22.9	26.8	28.5
122	14	40°31.0'	74°01.2'	0904	15	5	2.3	3	5	25.5	22.9	27.0	27.5
123	14	40°33.4'	74°03.3'	1016	15	16	7.7	6	6	24.5	23.4	26.2	28.7
124	15	40°25.2'	74°00.5'	1115	15	39	0.5	4	6	27.0	24.5	26.3	26.4
125	15	40°26.1'	74°02.2'	1210	15	3	*	2	5	26.5	23.2	25.7	26.8
126	15	40°27.0'	74°03.9'	1255	15	33	*	3	5	25.5	23.5	26.1	26.9
127	21	40°32.2'	74°05.2'	0726	15	NO FISH CAUGHT			4	23.4	23.2	27.6	27.7
128	21	40°30.9'	74°05.2'	0807	15	71	0.5	2	3	23.5	22.8	26.6	28.4
129	21	40°30.8'	74°05.2'	0850	15	NO FISH CAUGHT			6	23.3	22.9	27.2	28.0
130	21	40°30.5'	74°09.1'	1051	15	18	0.5	2	6	24.3	24.0	27.5	27.5
131	21	40°28.7'	74°14.6'	1136	15	16	1.4	3	6	24.3	23.0	26.3	26.4
132	21	40°27.7'	74°09.9'	1254	15	4	8.6	1	4	24.9	24.5	25.6	26.3
133	22	40°29.4'	74°03.0'	0821	15	2	0.9	2	8	23.5	23.6	27.6	28.0
134	22	40°29.5'	74°06.2'	0905	15	5	3.6	5	9	23.8	23.6	27.6	27.5
135	22	40°27.1'	74°05.1'	1004	15	2	0.5	2	6	23.8	23.6	27.3	27.3
136	23	40°27.8'	74°01.3'	0812	15	116	7.3	6	7	23.8	23.8	27.6	27.6
137	16	40°32.0'	73°55.0'	1225	30	461	363.8	10	12	22.2	22.3	31.6	31.5
138	16	40°31.5'	73°53.5'	1358	30	474	86.6	11	11	22.7	22.0	30.8	31.5
139	16	40°33.3'	73°39.0'	1554	30	9970	37.6	11	16	22.5	21.1	31.6	31.7
140	16	40°31.8'	73°36.7'	1714	30	1869	36.3	13	20	22.5	19.1	31.7	32.0
141	16	40°26.0'	73°33.0'	1925	30	147	32.2	10	27	22.7	17.1	31.7	32.3
142	16	40°28.0'	73°26.3'	2052	30	244	37.6	14	24	21.4	17.1	32.7	32.7
143	16	40°33.0'	73°28.5'	2248	30	173	17.7	17	16	22.2	20.1	31.6	31.8
144	17	40°34.0'	73°23.0'	0004	30	485	38.6	17	18	22.3	19.8	31.6	31.8
145	17	40°31.0'	73°13.5'	0115	30	187	35.8	12	24	21.9	17.2	32.0	32.6
146	17	40°24.1'	73°05.2'	0407	30	78	21.8	9	40	21.2	10.9	32.6	33.5
147	17	40°33.8'	73°03.0'	0557	30	1136	47.2	9	29	21.8	13.8	32.1	33.0
148	17	40°37.5'	73°08.0'	0746	30	181	37.2	8	19	20.5	18.5	32.4	32.5
149	17	40°36.5'	72°55.0'	0925	30	55	17.7	10	30	**	13.9	32.3	33.1
150	17	40°42.0'	72°54.5'	1207	30	3146	48.1	19	15	21.4	17.8	32.3	32.6
151	17	40°43.5'	72°43.5'	1359	30	89	85.7	9	23	21.5	17.7	32.3	32.8
152	18	40°13.5'	72°36.5'	0122	30	499	117.0	15	54	21.8	8.4	32.8	33.8
153	18	40°13.7'	72°44.5'	0245	30	561	131.5	13	52	21.3	8.7	32.4	33.6
154	18	40°01.2'	73°00.6'	0547	30	26	8.6	8	49	21.7	8.5	32.2	33.6
155	18	39°55.5'	73°20.0'	0907	30	302	72.6	14	49	22.2	8.5	32.1	33.6
156	18	39°45.5'	73°15.0'	1045	30	655	30.4	12	45	22.3	10.7	32.5	33.6
157	18	39°46.0'	73°00.5'	1223	30	238	38.6	13	67	22.6	8.4	32.9	34.0
158	18	39°36.1'	72°42.6'	1538	30	64	12.7	10	72	22.5	8.9	33.5	34.0
159	18	39°47.8'	72°43.5'	1727	30	19	3.2	6	56	22.9	8.4	34.5	**
160	18	40°09.0'	72°20.0'	2148	30	398	143.8	11	68	22.6	9.6	33.9	34.3
161	19	39°55.5'	72°00.5'	0119	30	989	78.0	10	89	22.4	18.3	34.9	36.4
162	19	39°45.5'	71°58.4'	0318	30	397	24.5	12	146	23.3	13.5	35.7	36.5
163	19	39°40.8'	71°56.5'	0500	30	232	17.7	15	267	23.0	9.0	35.4	35.0
164	19	39°11.0'	72°27.5'	1319	30	362	21.8	19	330	23.9	7.8	35.1	36.4
165	19	39°17.8'	72°27.6'	1457	30	6	128.4	3	139	23.6	13.2	34.7	36.5
166	19	39°17.1'	72°37.5'	1751	30	1822	110.2	7	127	23.4	13.4	34.1	36.4
167	19	39°30.5'	73°03.0'	2235	30	388	40.4	14	66	22.2	8.1	33.2	34.0
168	20	39°46.0'	73°55.0'	0402	30	71	7.3	12	25	23.4	14.0	32.2	33.3
169	20	39°48.6'	74°01.0'	0515	30	264	6.8	3	17	21.4	16.2	32.0	32.8
170	20	39°56.3'	74°02.9'	0636	30	25	0.9	3	18.1	21.0	17.0	32.0	32.7
171	20	39°51.0'	73°57.0'	0813	30	83	2.3	6	21	23.0	14.4	32.2	33.1
172	20	40°01.0'	73°45.0'	1058	30	53	6.8	8	33	23.2	13.3	31.9	32.6
173	20	40°08.8'	73°57.0'	1240	30	107	1.4	3	17	23.2	16.3	31.7	33.5
174	20	40°10.0'	73°47.0'	1403	30	2653	74.8	7	33	23.9	13.1	**	**
175	20	40°10.0'	73°41.0'	1533	30	1832	111.1	10	49	23.7	9.2	32.3	33.7
176	20	40°03.5'	73°35.0'	1728	30	1585	68.5	7	42	23.2	10.8	32.0	33.7
177	20	40°13.6'	73°26.7'	2011	30	195	18.1	9	38	23.6	12.5	32.3	33.6
178	20	40°19.0'	73°36.0'	2140	30	383	10.9	10	26	23.4	15.4	32.1	33.0
179	20	40°23.0'	73°41.0'	2257	30	278	12.2	11	27	23.8	15.9	31.5	33.1

Table 2.--Continued

Sta. No.	Date	Location		Start Time	Duration (min)	Total Catch		No. spp. Caught	Depth (m)	Temp. (°C)		Salinity (o/oo)	
		Lat. (N)	Long. (W)			No.	Wt. (kg)			Surface	Bottom	Surface	Bottom
180	21	40°25.0'	73°41.0'	0002	30	112	8.6	7	28	23.9	15.3	31.6	33.0
181	21	40°23.0'	73°51.0'	0218	10	37	5.4	5	25	22.6	15.3	30.5	33.0
Sept.													
182	23	40°28.9'	74°05.3'	0915	15	200	2.7	6	8	19.8	19.5	**	**
183	23	40°29.4'	74°07.2'	1145	15	39	*	5	9	**	**	25.6	25.5
184	23	40°30.6'	74°05.9'	1301	15	610	3.6	8	8	19.0	19.5	24.6	25.1
185	23	40°26.7'	74°01.3'	1410	15	22	8.2	6	8	20.0	19.3	26.0	27.0
186	24	40°29.2'	74°01.5'	0801	15	89	3.2	8	5	18.2	18.3	25.8	25.7
187	24	40°33.3'	74°03.2'	0910	15	306	6.8	9	6	18.4	19.0	23.4	24.9
188	24	40°32.6'	74°05.5'	1030	15	985	6.4	4	5	18.6	18.4	23.8	24.8
189	24	40°30.5'	74°09.3'	1201	15	1441	9.5	8	6	18.7	18.5	25.3	25.4
190	24	40°28.6'	74°13.5'	1255	15	238	1.4	5	5	18.9	18.7	23.6	23.6
191	24	40°27.8'	74°08.8'	1348	15	30	0.9	4	3	19.4	18.9	24.0	24.1
192	25	40°26.4'	74°02.6'	0810	15	198	3.6	9	5	17.4	16.6	24.5	24.5
193	25	40°27.8'	74°05.0'	0913	15	74	8.2	8	6	18.8	18.5	24.9	24.9
194	23	40°29.0'	74°05.0'	0912	15	1865	11.8	8	7	19.8	19.5	**	**
195	23	40°29.0'	74°05.0'	1142	15	545	17.2	12	8	**	**	25.6	25.5
196	23	40°30.0'	74°05.0'	1258	15	30371	57.6	9	7	19.0	19.5	24.6	25.1
197	23	40°30.0'	73°53.0'	1449	30	621	131.1	13	12	18.9	16.5	30.1	32.2
198	23	40°31.9'	73°49.1'	1603	30	3451	93.4	19	11	18.8	16.4	30.8	32.5
199	23	40°33.9'	73°42.4'	1733	30	724	72.6	17	12	18.2	16.7	32.0	32.6
200	23	40°29.2'	73°40.1'	1851	30	228	147.9	16	18	18.2	12.9	31.5	32.6
201	23	40°17.8'	73°42.2'	2039	30	112	49.0	12	26	19.1	14.6	31.4	31.5
202	23	40°17.8'	73°37.7'	2152	30	179	66.2	16	25	**	**	31.4	32.5
203	23	40°15.0'	73°37.0'	2316	30	72	145.6	13	26	18.5	19.4	31.7	32.5
204	24	40°15.9'	73°34.8'	0058	30	135	57.6	16	25	18.2	16.9	31.5	32.5
205	24	40°19.6'	73°32.6'	0243	30	165	298.0	15	25	18.5	18.9	31.5	32.2
206	24	40°25.0'	73°31.7'	0421	30	313	57.2	16	25	18.4	18.4	31.6	32.4
207	24	40°28.8'	73°26.7'	0648	30	88	112.5	13	20	18.8	19.5	31.3	32.7
208	24	40°31.5'	73°29.2'	1020	30	14381	59.0	15	16	17.6	17.1	31.3	32.2
209	24	40°33.5'	73°25.0'	1130	30	2797	93.9	19	16	17.6	17.5	31.3	32.1
210	24	40°37.0'	73°11.8'	1333	30	8022	74.4	19	13	17.5	17.1	31.8	32.2
211	24	40°31.8'	73°08.4'	1728	30	1612	102.1	15	29	**	**	31.9	32.6
212	24	40°38.1'	73°05.4'	1850	30	1989	53.5	24	13	17.5	17.3	31.1	32.2
213	24	40°38.5'	72°55.0'	2021	30	215	158.3	10	26	17.5	17.1	32.0	32.7
214	24	40°40.8'	72°52.8'	2328	30	513	98.0	20	21	17.6	17.9	32.2	32.3
215	25	40°46.0'	72°40.5'	0113	30	12386	168.7	27	14	17.0	16.8	32.4	32.4
216	25	40°32.2'	72°31.0'	1013	30	172	24.5	11	43	17.5	14.3	32.7	33.1
217	25	39°59.0'	71°58.5'	2200	30	576	46.3	16	86	19.7	11.0	34.2	34.6
218	26	39°48.0'	71°50.5'	0134	30	324	13.6	17	21	19.6	11.3	34.9	35.4
219	26	39°39.0'	72°17.8'	0431	30	218	6.4	7	115	20.1	15.5	34.5	34.8
220	26	39°23.4'	72°21.6'	0635	30	39	6.4	2	141	21.0	12.6	34.8	35.7
221	26	39°13.0'	72°26.5'	1129	30	529	23.6	12	297	21.4	11.8	35.0	35.6
222	26	39°22.4'	72°29.2'	1334	30	107	9.5	4	131	**	**	34.8	35.7
223	26	39°43.7'	72°40.7'	1842	30	534	76.7	10	69	19.3	11.0	33.9	33.7
224	26	39°57.0'	72°35.0'	2154	30	412	78.5	11	60	18.7	10.8	33.6	33.2
225	26	40°06.5'	72°31.0'	2338	30	398	66.2	14	59	18.7	10.8	33.3	33.3
226	27	40°04.0'	72°39.0'	0058	30	537	176.0	16	60	18.7	10.4	33.4	33.0
227	27	40°09.5'	73°05.9'	0414	30	227	62.1	14	46	18.5	14.5	33.6	**
228	27	39°59.2'	73°19.0'	0618	30	3269	228.6	17	66	19.0	11.0	32.9	32.9
229	27	39°54.0'	73°19.5'	0755	30	186	46.3	11	49	19.0	10.4	32.1	32.8
230	27	39°46.5'	73°11.5'	1041	30	74	20.4	9	38	18.8	10.3	32.5	33.0
231	27	39°48.3'	73°22.0'	1211	30	19935	559.3	9	39	20.0	10.3	**	32.9
232	27	39°45.5'	74°03.4'	1722	30	427	157.9	17	13	19.9	19.1	30.8	31.7
233	27	39°48.4'	73°58.8'	1840	30	373	186.9	19	20	**	**	31.6	31.9
234	27	40°05.5'	74°00.0'	2220	30	369	98.8	12	18	**	**	31.6	32.1
235	27	40°04.0'	73°56.0'	2342	30	171	93.9	12	19	**	**	31.2	32.1
236	28	40°07.5'	73°48.8'	0143	30	275	113.4	16	33	**	**	31.6	32.3
Oct.													
237	22	40°28.9'	74°04.8'	0920	15	357	4.1	12	8	10.9	11.4	24.7	26.0
238	22	40°29.3'	74°06.6'	1030	15	543	2.7	11	9	10.4	11.4	24.4	25.6

Table 2.--Continued

Sta. No.	Date	Location		Start Time	Duration (min)	Total Catch		No. spp. Caught	Depth (m)	Temp. (°C)		Salinity (o/oo)	
		Lat. (N)	Long. (W)			No.	Wt. (kg)			Surface	Bottom	Surface	Bottom
239	22	40°29.9'	74°08.2'	1210	15	4714	2.7	5	9	11.8	11.2	24.1	26.4
240	22	40°30.6'	74°06.1'	1300	15	289	0.5	7	6	12.0	11.8	24.9	25.2
241	22	40°29.9'	74°03.9'	1339	15	18	0.5	4	8	12.4	11.7	24.5	25.3
242	23	40°27.9'	74°01.1'	0827	15	141	15.0	13	6	9.4	10.4	23.7	24.0
243	23	40°26.8'	74°02.4'	0919	15	42	5.0	6	6	9.5	10.2	22.9	23.6
244	23	40°27.9'	74°03.1'	1000	15	50	5.4	3	6	10.4	10.6	23.7	25.1
245	23	40°27.6'	74°05.1'	1145	15	485	0.5	3	5	10.7	10.5	23.8	23.9
246	23	40°27.4'	74°09.1'	1230	15	64	4.5	6	3	11.5	11.4	23.3	23.8
247	23	40°28.5'	74°11.1'	1300	15	25	0.9	3	4	12.3	11.6	22.9	24.8
248	23	40°28.7'	74°13.5'	1326	15	39	0.9	2	4	12.4	11.5	23.3	24.8
249	23	40°30.3'	74°09.9'	1407	15	81	2.7	5	6	12.4	10.6	24.9	25.6
250	24	40°25.9'	74°00.2'	0817	15	21	0.9	5	5	9.1	10.3	23.1	25.5
251	24	40°29.1'	74°01.3'	0910	15	83	0.5	4	5	11.6	11.7	24.8	25.6
252	24	40°31.1'	73°58.8'	1015	15	20	*	1	7	12.8	12.8	26.2	27.8
253	24	40°31.2'	74°01.2'	1127	15	11	*	2	5	12.6	12.4	24.8	25.8
254	24	40°33.8'	74°03.1'	1206	15	12	1.4	6	3	12.1	11.8	21.9	25.5
255	24	40°32.8'	74°05.3'	1250	15	13	4.5	2	4	11.8	11.5	24.6	**
256	22	40°29.0'	74°05.0'	0920	15	2392	32.2	18	8	10.9	11.4	24.7	26.0
257	22	40°29.0'	74°07.0'	1025	15	5339	22.2	12	7	10.4	11.4	24.4	25.6
258	22	40°29.0'	74°07.0'	1205	15	15499	32.7	15	5	11.8	11.2	24.1	26.4
259	22	40°28.0'	73°52.0'	1403	30	1063	355.2	19	18	13.6	13.5	30.9	31.8
260	22	40°31.0'	73°48.0'	1831	30	696	430.0	20	17	13.2	14.2	32.2	32.3
261	22	40°34.0'	73°47.0'	2009	30	341	465.4	20	12	12.9	13.5	31.7	31.9
262	22	40°34.0'	73°43.0'	2153	30	587	148.3	18	11	13.2	13.4	31.8	31.9
263	22	40°32.0'	73°36.8'	2359	30	520	109.8	20	14	13.3	13.4	31.9	31.9
264	23	40°28.2'	73°40.6'	0148	30	528	727.1	17	22	13.4	13.4	32.2	32.1
265	23	40°25.7'	73°36.9'	0335	30	451	435.4	15	20	14.0	14.2	32.1	32.1
266	23	40°24.0'	73°33.0'	0540	30	1272	626.4	23	26	14.0	14.2	32.0	32.0
267	23	40°10.0'	73°18.5'	0726	30	1069	335.7	11	36	14.8	14.7	32.5	32.5
268	23	40°28.6'	73°12.8'	1142	30	3385	390.1	15	28	13.8	14.4	32.5	32.9
269	23	40°27.5'	73°20.5'	1358	30	3531	248.1	12	25	14.2	14.6	32.1	32.3
270	23	40°32.5'	73°26.8'	1548	30	2600	65.3	18	16	14.7	14.6	31.9	31.9
271	23	40°32.0'	73°23.0'	1718	30	450	199.6	20	18	14.2	14.1	31.9	31.9
272	23	40°36.0'	73°16.0'	1905	30	903	75.3	26	16	13.4	13.4	31.7	31.7
273	23	40°37.5'	73°10.0'	2108	30	613	111.1	24	17	13.6	13.6	31.9	31.9
274	23	40°34.0'	73°09.0'	2255	30	888	430.4	23	23	13.6	13.6	32.0	32.3
275	24	40°39.0'	73°01.8'	0112	30	300	75.3	17	17	13.5	13.6	32.0	32.1
276	24	40°37.0'	72°55.3'	0230	30	2139	957.5	20	29	13.6	13.7	32.2	32.7
277	24	40°34.7'	72°49.0'	0434	30	979	656.3	16	33	14.2	14.4	32.8	33.0
278	24	40°46.0'	72°41.0'	0835	30	471	360.6	19	19	14.3	14.2	32.3	32.3
279	24	40°46.0'	72°33.0'	1027	30	816	1020.1	14	20	13.4	13.4	32.5	32.5
280	25	40°21.0'	72°40.5'	0250	30	481	95.7	18	48	14.2	12.4	33.0	33.3
281	25	40°08.5'	72°52.7'	0505	30	250	93.4	18	49	14.3	13.0	33.2	33.3
282	25	39°58.0'	72°47.0	0840	30	99	52.6	13	55	14.3	10.5	33.1	33.2
283	25	40°03.5'	72°30.0'	1038	30	108	56.7	11	59	15.0	10.5	33.1	33.6
284	25	40°07.0'	72°25.0'	1217	30	37	18.1	6	62	15.0	10.5	34.0	33.9
285	25	39°58.5'	72°05.6'	1817	30	63	19.5	8	81	14.7	11.3	**	**
286	26	39°43.0'	71°51.5'	0208	30	387	91.6	11	348	15.5	7.5	**	**
287	26	39°51.5'	71°48.5'	0624	30	12	8.6	5	165	15.4	13.2	**	**
288	26	39°46.0'	72°12.5'	0910	30	81	12.2	8	97	14.5	12.8	33.9	35.0
289	26	39°12.0'	72°26.5'	1750	30	139	20.0	17	288	15.5	8.6	34.7	35.3
290	26	39°14.5'	72°42.5'	2159	30	1344	86.6	12	113	15.8	14.8	34.7	35.5
291	27	39°37.0'	72°50.0'	0434	30	200	115.7	10	63	14.0	13.7	**	**
292	27	39°51.0'	73°01.5'	1035	30	187	190.5	10	75	14.0	10.5	33.2	33.4
293	27	39°52.5'	73°49.0'	1848	30	1084	939.4	20	15	14.1	14.3	**	**
294	27	39°50.0'	74°01.5'	2113	30	414	78.5	21	15	13.4	13.8	31.3	31.8
295	27	40°05.0'	73°55.0'	2222	30	1076	1225.2	17	22	13.4	14.3	31.7	31.3
296	28	40°05.0'	73°32.0'	0143	30	168	112.9	14	62	14.1	10.5	32.8	33.0
297	28	40°20.0'	73°44.0'	0516	30	2882	953.9	14	24	14.0	14.3	32.7	32.8
298	28	40°24.0'	73°57.0'	0828	30	5804	79.4	20	12	13.1	14.2	31.0	31.6

Table 2.--Continued

Sta. No.	Date	Location		Start Time	Duration (min)	Total Catch		No. spp. Caught	Depth (m)	Temp. (°C)		Salinity (o/oo)	
		Lat. (N)	Long. (W)			No.	Wt. (kg)			Surface	Bottom	Surface	Bottom
299	Nov. 18	40°28.4'	74°04.1'	1037	15	134	5.4	11	8	10.5	9.8	**	27.1
300	18	40°29.1'	74°05.6'	1130	15	102	2.3	13	9	10.2	9.6	**	26.5
301	18	40°29.6'	74°08.1'	1314	15	71	1.8	9	8	10.4	10.1	**	26.8
302	18	40°29.1'	74°03.5'	1506	15	45	0.5	9	7	10.5	10.4	**	29.9
303	19	40°29.0'	74°01.5'	0906	15	16	4.5	7	5	9.8	9.8	**	27.4
304	19	40°31.1'	74°01.1'	0950	15	23	2.3	3	5	11.4	10.7	**	26.4
305	19	40°33.2'	74°00.2'	1035	15	5	0.5	3	5	13.4	10.6	**	30.4
306	19	40°33.3'	74°03.2'	1121	15	232	3.6	10	7	11.9	11.1	**	25.4
307	19	40°32.5'	74°05.2'	1212	15	15	1.4	6	5	12.8	11.2	**	25.2
308	19	40°30.5'	74°05.3'	1301	15	37	2.7	8	6	12.4	10.7	**	26.6
309	19	40°27.4'	74°05.5'	1354	15	54	0.9	11	5	11.5	9.7	**	23.4
310	19	40°27.1'	74°03.2'	1441	15	71	5.4	11	5	11.1	10.6	**	28.3
311	19	40°27.5'	74°01.6'	1521	15	105	6.4	9	8	12.0	10.1	**	29.1
312	20	40°30.3'	74°09.1'	0947	15	65	3.6	9	5	10.0	9.5	**	25.2
313	20	40°28.4'	74°13.3'	1049	15	27	1.4	5	5	10.8	9.8	**	25.3
314	20	40°28.3'	74°11.5'	1126	15	86	3.2	9	5	10.8	9.4	**	25.7
315	20	40°27.5'	74°10.0'	1253	15	45	1.4	7	4	10.4	10.1	**	24.8
316	20	40°26.5'	74°02.5'	1353	15	135	9.5	9	6	10.7	10.1	**	28.8
317	20	40°25.2'	74°00.2'	1445	15	46	5.9	5	6	9.8	9.7	**	26.4
318	18	40°28.0'	74°04.0'	1033	15	533	33.1	18	8	10.6	9.7	23.8	27.0
319	18	40°29.0'	74°05.0'	1122	15	590	23.6	14	8	10.2	9.6	**	**
320	18	40°29.0'	74°08.0'	1310	15	945	53.5	18	8	10.4	10.1	25.5	26.9
321	18	40°30.2'	73°51.0'	1720	30	638	36.3	20	12	12.0	13.0	32.3	33.5
322	18	40°33.8'	73°51.0'	1910	30	645	63.5	22	8	12.1	12.4	33.2	33.1
323	18	40°34.0'	73°38.0'	2045	30	529	88.5	19	11	12.3	12.7	33.3	33.3
324	18	40°26.0'	73°27.0'	2235	30	349	149.9	25	26	12.1	12.4	33.1	33.1
325	19	40°35.5'	73°25.0'	0022	30	1130	190.5	26	8	10.5	10.9	32.2	32.1
326	19	40°36.0'	73°21.0'	0231	30	3089	151.0	18	13	11.5	11.3	32.0	32.0
327	19	40°37.0'	73°14.5'	0517	30	9898	235.9	21	15	10.5	10.3	32.3	32.2
328	19	40°21.5'	72°53.5'	0950	30	164	162.8	10	46	12.4	13.1	33.3	33.5
329	19	40°34.0'	72°57.5'	1146	30	171	77.6	19	30	12.0	12.4	32.4	32.9
330	19	40°39.0'	72°52.4'	1428	30	745	249.9	20	24	11.7	12.3	32.3	32.7
331	19	40°41.6'	72°55.0'	1620	30	565	124.3	17	15	10.9	11.0	32.3	32.3
332	19	40°46.0'	72°42.5'	1810	30	1574	248.1	17	10	11.1	13.3	32.4	32.6
333	19	40°49.5'	72°30.5'	1950	30	2280	452.7	17	10	11.8	11.5	32.9	32.6
334	19	40°49.5'	72°27.5'	2157	30	823	169.2	17	14	11.4	12.0	32.8	33.0
335	20	40°30.0'	72°30.0'	0953	30	303	254.0	17	46	12.7	13.1	33.4	33.7
336	20	40°00.8'	72°51.5'	1531	30	130	149.2	15	51	12.3	13.1	34.0	34.7
337	20	39°48.5'	72°31.5'	1935	30	334	193.2	17	67	12.9	13.7	**	**
338	20	39°57.5'	72°31.0'	2235	30	321	151.0	16	47	13.1	13.6	**	**
339	21	40°09.0'	72°20.5'	0036	30	200	113.4	12	68	12.9	13.1	34.1	34.1
340	21	40°11.2'	72°12.8'	0225	30	338	170.1	19	66	13.4	13.2	34.0	34.1
341	21	40°19.0'	73°35.0'	2204	30	261	181.9	15	26	11.1	11.3	32.8	32.8
342	23	40°03.5'	73°21.7'	0043	30	1089	555.2	16	45	10.8	12.4	33.4	34.0
343	23	39°57.0'	73°10.0'	0342	30	574	477.2	15	64	9.4	13.0	**	**
344	23	39°44.3'	71°53.5'	1700	30	299	45.8	11	237	13.5	**	34.6	35.7
345	23	39°48.0'	71°56.5'	1845		GEAR LOST			148	12.2	14.2	34.5	36.0
346	23	39°36.7'	72°25.5'	2230	30	808	283.0	15	335	13.4	11.4	34.8	35.9
347	24	39°26.8'	72°22.0'	0054	30	121	6.8	16	131	13.6	13.1	**	**
348	24	39°23.4'	72°36.0'	0400	30	298	8.6	12	112	13.5	13.9	35.0	35.8
349	24	39°28.5'	72°43.5'	0610	30	421	526.6	11	64	12.5	13.9	34.2	35.2
350	24	39°43.0'	73°03.5'	0932	30	194	114.8	9	50	12.3	13.2	34.3	34.4
351	24	39°46.0'	73°13.5'	1110	30	81	104.3	7	46	12.3	13.0	34.0	34.7
352	24	39°46.1'	73°58.8'	1622	30	198	478.1	13	20	11.4	11.5	32.8	32.7
353	24	40°01.0'	73°49.0'	1902	30	176	180.5	18	28	11.3	11.6	33.0	33.4
354	24	40°09.0'	73°50.8'	2032	30	177	145.6	19	24	10.7	12.1	32.7	33.9
355	24	40°16.0'	73°46.0'	2158		GEAR LOST			49	10.9	12.3	32.7	33.7
356	25	40°24.0'	73°41.0'	0042	30	212	108.4	15	24	11.1	11.0	32.5	33.2
357	25	40°08.5'	73°33.8'	0303	30	334	336.6	16	35	11.3	12.3	33.4	33.9

Table 2.--Continued

Sta. No.	Date	Location		Start Time	Duration (min)	Total Catch		No. spp. Caught	Depth (m)	Temp. (°C)		Salinity (o/oo)	
		Lat. (N)	Long. (W)			No.	Wt. (kg)			Surface	Bottom	Surface	Bottom
1975													
Jan.													
358	3	40°29.1'	74°01.5'	1017	15	35	2.3	5	7	5.0	6.0	28.3	28.2
359	3	40°31.0'	74°01.2'	1058	15	27	1.8	6	7	6.1	6.0	28.4	29.2
360	3	40°33.3'	74°00.4'	1140	15	26	0.9	4	7	7.0	6.5	32.5	33.4
361	3	40°33.5'	74°03.1'	1314	15	36	0.9	9	5	6.0	6.0	26.3	27.2
362	3	40°32.5'	74°05.2'	1358	15	28	0.9	6	5	5.8	5.3	26.6	27.0
363	3	40°30.4'	74°05.4'	1435	15	20	*	3	7	5.8	5.2	26.1	26.9
364	6	40°25.2'	74°00.2'	0948	15	73	4.5	7	6	3.6	4.8	23.9	23.5
365	6	40°27.5'	74°01.1'	1045	15	112	1.8	4	6	4.5	6.3	24.5	26.5
366	6	40°27.1'	74°03.5'	1230	15	137	2.7	6	7	4.8	6.0	25.1	26.1
367	6	40°29.1'	74°03.0'	1307	15	31	0.5	3	7	5.4	6.2	25.6	26.9
368	6	40°29.3'	74°06.1'	1346	15	26	0.5	3	9	5.8	5.8	26.3	26.6
369	6	40°27.5'	74°05.6'	1433	15	25	0.5	4	7	5.4	5.8	26.2	26.6
370	9	40°28.3'	74°13.5'	1328	15	4	0.5	2	3	6.2	6.2	22.5	22.4
371	9	40°28.5'	74°11.0'	1404	15	68	2.3	8	3	6.2	5.9	24.8	24.2
372	31	40°28.5'	74°04.5'	0952	15	35	0.5	3	9	4.7	4.8	25.8	26.1
373	31	40°30.0'	74°07.5'	1218	15	92	1.4	6	9	4.8	4.7	26.5	25.6
374	31	40°29.0'	74°06.0'	1355	15	524	12.2	6	8	4.3	4.8	23.3	25.0
Feb.													
375	3	40°27.2'	74°03.4'	1447	15	195	9.5	7	6	4.2	4.3	22.1	22.9
376	3	40°29.0'	74°01.5'	0935	15	36	0.9	7	5	4.0	4.2	24.1	24.0
377	3	40°31.1'	74°01.1'	1015	15	17	0.5	2	5	4.1	4.4	20.6	22.7
378	3	40°33.3'	74°00.0'	1058	15	2	*	1	6	4.4	4.5	23.9	24.3
379	3	40°33.5'	74°03.0'	1140	15	28	0.5	6	6	4.2	5.3	23.7	28.2
380	3	40°32.6'	74°03.0'	1307	15	NO FISH CAUGHT			5	4.1	4.3	23.9	23.9
381	3	40°30.3'	74°05.2'	1347	15	22	1.8	3	7	4.2	4.2	24.0	22.4
382	3	40°29.3'	74°04.0'	1429	15	2	*	1	8	4.2	4.3	22.9	22.4
383	4	40°28.2'	74°14.0'	1255	15	12	2.7	4	4	3.5	3.8	24.8	20.7
384	4	40°28.0'	74°12.0'	1330	15	13	*	1	6	2.9	3.4	22.7	20.4
385	4	40°30.3'	74°10.0'	1405	15	18	0.5	3	6	2.4	2.8	20.8	21.6
Jan.													
386	31	40°29.0'	74°05.0'	0950	15	1815	24.0	10	10	4.7	4.8	25.8	26.1
387	31	40°29.0'	74°07.0'	1122	15	416	9.1	12	8	5.0	4.7	26.5	25.6
388	31	40°30.0'	71°08.0'	1216	15	1372	17.7	10	8	4.8	**	23.3	25.0
389	31	40°28.0'	73°50.0'	1415	30	815	70.8	11	17	6.4	7.3	32.1	33.6
390	31	40°34.0'	73°41.0'	1556	30	227	62.1	17	8	4.8	6.2	31.7	32.2
391	31	40°31.2'	73°37.3'	1728	30	277	67.6	15	17	5.8	6.0	32.7	32.8
392	31	40°29.8'	73°36.7'	1958	30	662	150.6	17	20	6.0	7.2	32.7	33.4
393	31	40°26.0'	73°36.5'	2155	30	481	89.4	19	22	5.5	7.0	32.4	33.3
394	31	40°29.3'	73°31.0'	2335	30	426	60.8	14	23	5.6	6.4	32.4	32.6
Feb.													
395	1	40°32.5'	73°27.0'	0108	30	522	62.1	14	19	5.6	6.2	32.2	32.6
396	1	40°25.0'	73°24.3'	0230	30	671	133.4	14	29	5.0	6.0	32.4	32.6
397	1	40°24.2'	73°15.3'	0355	30	414	176.9	16	31	5.0	5.9	33.0	33.0
398	1	40°11.5'	73°15.0'	0545	30	409	142.4	16	38	5.6	6.8	33.3	33.4
399	1	40°32.0'	73°13.0'	0928	30	421	59.9	15	21	5.0	5.4	32.6	32.7
400	1	40°36.0'	73°16.5'	1044	30	553	68.5	16	15	5.0	5.2	34.4	32.3
401	1	40°39.5'	73°02.3'	1232	30	423	147.0	14	15	5.0	5.3	32.2	32.2
402	1	40°37.2'	73°01.0'	1346	30	318	82.1	14	22	5.2	4.8	32.1	32.6
403	1	40°40.0'	72°53.0'	1504	30	243	79.8	12	27	3.8	5.0	32.5	32.7
404	1	40°44.0'	72°48.5'	1741	30	431	101.2	11	15	3.8	4.5	32.4	32.5
405	1	40°47.1'	72°29.5'	1940	30	510	131.1	16	24	4.1	5.3	32.7	33.0
406	2	40°36.1'	72°32.5'	0523	30	473	126.6	10	40	5.2	5.8	33.4	33.3
407	2	40°26.2'	72°44.8'	0723	30	153	76.7	10	44	6.0	6.8	33.7	33.7
408	2	40°05.0'	72°45.0'	1256	30	214	234.5	6	55	8.4	8.4	34.3	34.4
409	2	40°16.5'	72°17.8'	1549	30	181	199.1	9	57	8.2	8.5	34.1	34.1
410	2	40°04.0'	72°02.0'	2055	30	517	169.7	17	76	7.6	10.4	34.2	34.8
411	3	39°44.2'	71°56.9'	0619	30	27	10.4	4	172	11.2	13.7	36.0	36.1
412	3	39°52.0'	71°45.0'	0945	30	32	5.0	4	219	8.1	11.5	34.8	36.0
413	3	39°58.3'	72°08.7'	1408	30	109	49.9	13	82	8.2	11.2	34.2	34.9
414	3	39°56.4'	72°20.2'	1630	30	189	99.3	11	74	8.8	10.2	34.6	34.6
415	3	39°51.5'	72°44.0'	2312	30	332	223.2	14	69	8.2	9.0	34.5	34.5

Table 2.--Continued

Sta. No.	Date	Location		Start Time	Duration (min)	Total Catch		No. spp. Caught	Depth (m)	Temp. (°C)		Salinity (o/oo)	
		Lat. (N)	Long. (W)			No.	Wt. (kg)			Surface	Bottom	Surface	Bottom
416	4	39°45.6'	72°38.0'	0115	30	316	143.8	14	62	8.8	9.0	34.6	34.3
417	4	39°36.0'	72°24.0'	0348	30	116	70.8	12	283	8.2	9.1	34.2	36.1
418	4	39°33.4'	72°12.4'	0742	30	45	8.6	2	134	11.6	13.1	36.8	36.9
419	4	39°30.0'	72°26.0'	0925	30	6	1.8	1	126	8.9	12.9	34.3	35.9
420	4	39°09.1'	72°32.8'	1648	30	162	29.5	13	342	12.8	9.3	36.1	35.7
421	4	39°26.0'	72°57.5'	2224	30	287	132.4	11	59	8.5	8.9	34.7	34.7
422	5	39°38.0'	72°45.3'	0158	30	509	304.4	15	69	8.5	9.3	34.2	34.6
423	5	39°46.2'	73°07.0'	0426	30	267	519.4	7	47	8.5	8.4	34.5	34.5
424	5	39°55.6'	73°14.0'	0807	30	781	537.1	9	75	7.4	8.2	**	**
425	5	39°45.0'	73°27.5'	1150	30	101	65.8	6	33	7.8	7.2	**	**
426	5	39°40.5'	74°04.1'	1614	30	113	26.3	12	16	5.0	5.0	32.9	**
427	5	39°46.3'	73°58.4'	1855	30	297	67.6	12	21	5.3	5.1	**	**
428	5	39°52.0'	74°03.0'	2034	30	433	86.2	11	15	5.4	5.2	**	**
429	5	39°54.5'	74°01.0'	2212	30	342	58.1	13	16	5.4	5.3	32.0	32.6
430	6	39°59.0'	73°52.5'	0151	30	240	72.1	19	24	6.2	**	32.8	**
431	6	40°04.5'	73°55.0'	0314	30	258	64.0	14	23	6.2	6.6	33.2	**
432	6	39°57.5'	73°35.4'	0520	30	196	79.4	16	30	6.4	5.4	33.8	**
433	6	40°16.0'	73°33.0'	0925	30	478	136.5	13	27	5.4	5.4	32.8	33.0
434	6	40°13.0'	73°35.0'	1127	30	403	114.3	14	28	5.7	5.8	33.2	33.3
435	6	40°10.6'	73°38.6'	1257	30	418	124.3	12	36	5.9	6.0	33.3	**
436	6	40°11.0'	73°47.0'	1448	30	510	132.0	11	35	6.2	6.0	33.3	33.3
437	6	40°16.0'	73°45.0'	1558	30	955	289.8	20	31	5.9	6.0	33.0	33.0
438	6	40°16.5'	73°54.0'	1736	30	244	57.2	12	21	5.4	5.8	30.3	33.3
439	6	40°21.8'	73°48.1'	1926	30	118	11.8	26	37	5.7	6.1	32.3	33.7
Mar.													
440	6	39°51.5'	71°45.0'	1112	30	321	85.7	14	207	7.1	9.8	34.9	36.4
441	6	39°48.5'	71°48.0'	1318	30	209	135.6	13	229	7.6	9.4	34.8	35.5
442	6	40°01.5'	71°53.5'	1600	30	309	75.3	10	84	7.8	10.3	34.8	35.7
443	6	40°34.5'	72°21.5'	2315	30	227	64.0	11	44	6.2	7.5	34.2	34.6
444	7	40°16.5'	72°12.0'	0206	30	264	107.5	12	61	6.9	6.8	34.9	34.9
445	7	40°19.5'	72°48.0'	0524	30	362	88.9	12	48	5.1	6.4	34.8	34.6
446	7	40°09.5'	73°10.0'	0752	30	34	22.7	10	41	5.2	5.7	34.8	35.0
447	7	39°59.0'	72°33.0'	1144	30	279	300.7	11	66	7.3	7.3	35.5	35.6
448	7	39°45.0'	72°34.5'	1449	30	268	137.0	9	79	7.5	7.3	35.5	35.6
449	7	39°33.5'	72°13.0'	1728	30	93	9.1	12	135	7.9	11.3	35.6	**
450	7	39°20.0'	72°20.5'	2310	30	108	8.6	13	169	8.0	12.5	35.4	36.6
451	8	39°26.0'	72°27.5'	0129	30	66	6.8	15	122	7.5	12.1	35.4	36.5
452	8	39°50.5'	72°59.0'	1327	30	797	1326.8	9	71	7.7	7.7	35.4	35.4
453	8	39°53.5'	73°06.0'	1519	30	386	446.8	9	68	6.7	7.4	34.8	**
454	8	39°50.5'	73°21.0'	1751	30	326	131.1	11	44	6.4	6.5	34.8	34.8
455	8	39°47.0'	73°09.0'	1928	30	409	127.9	10	46	7.1	7.1	35.0	35.4
456	8	39°36.5'	72°54.5'	2131	30	479	792.4	6	64	7.3	7.3	35.4	35.5
457	8	39°29.0'	72°52.0'	2313	30	145	161.0	6	65	8.3	8.3	35.5	35.8
458	10	39°12.0'	72°28.5'	0225	30	127	50.3	18	302	9.0	10.8	35.7	36.2
459	18	40°30.2'	73°46.5'	1735	30	114	27.7	8	18	5.0	5.0	32.9	34.0
460	18	40°34.5'	73°43.0'	2006	30	211	64.0	10	9	4.6	4.6	32.5	32.5
461	18	40°32.1'	73°33.1'	2244	30	209	36.7	13	16	4.4	4.4	32.7	32.7
462	19	40°32.8'	73°27.2'	0218	30	142	37.2	13	15	4.4	4.4	33.0	32.8
463	19	40°29.3'	73°24.7'	0312	30	150	31.8	13	25	4.3	4.3	32.9	32.9
464	19	40°25.0'	73°24.8'	0450	30	110	33.1	12	27	4.3	4.4	33.1	33.1
465	19	40°24.4'	73°32.8'	0633	30	15	7.3	6	22	4.5	4.5	32.4	**
466	20	40°24.9'	73°55.1'	0732	30	54	10.0	7	17	5.2	5.1	**	32.1
467	20	40°19.3'	73°53.2'	0855	30	53	24.9	10	19	5.2	4.8	28.9	32.2
468	20	40°17.5'	73°56.0'	1054	30	NO FISH CAUGHT			18	5.2	4.7	29.3	31.7
469	20	40°12.6'	73°59.6'	1336	30	NO FISH CAUGHT			13	5.0	4.9	32.2	32.2
470	20	40°06.5'	74°04.7'	1500	30	101	24.0	10	22	5.3	5.0	31.6	32.7
471	21	40°02.0'	74°02.0'	1120	30	74	20.9	8	16	5.1	5.0	32.2	31.7
472	21	39°57.3'	73°57.0'	1306	30	25	11.3	6	21	5.5	5.1	31.8	31.6
473	21	39°50.0'	73°56.7'	1515	30	23	9.5	7	20	5.6	5.1	31.9	32.4
474	21	39°49.5'	74°04.8'	1717	30	95	36.7	11	8	5.4	5.3	32.0	32.0
475	21	39°42.5'	73°57.0'	1905	30	81	23.1	9	22	5.3	5.2	32.3	32.1

Table 2.--Continued

Sta. No.	Date	Location		Start Time	Duration (min)	Total Catch		No. spp. Caught	Depth (m)	Temp. (°C)		Salinity (o/oo)	
		Lat. (N)	Long. (W)			No.	Wt. (kg)			Surface	Bottom	Surface	Bottom
476	22	39°47.5'	73°48.0'	1912	30	31	20.4	11	24	5.2	5.1	33.2	33.3
477	22	40°05.5'	73°50.0'	2220	30	52	13.2	9	24	5.3	4.8	32.6	32.5
478	23	40°17.8'	73°42.7'	1900	30	79	25.4	8	24	5.1	4.9	33.5	33.7
479	23	40°24.7'	73°34.7'	2059	30	206	55.8	12	24	5.0	4.8	33.6	33.7
480	23	40°35.1'	73°20.7'	2340	30	196	31.3	13	16	5.2	4.8	33.0	33.3
481	24	40°32.7'	73°08.4'	0201	30	54	23.1	8	26	5.3	4.9	33.1	33.3
482	24	40°37.2'	73°01.1'	0344	30	55	22.2	9	22	5.3	4.9	33.0	33.3
483	24	40°40.7'	72°56.9'	0521	30	39	7.3	8	17	5.0	4.8	33.0	33.0
484	24	40°47.7'	72°37.2'	0744	30	144	84.4	16	6	5.0	4.8	33.3	33.4
485	24	40°47.5'	72°28.5'	0917	30	22	10.4	10	26	5.1	4.8	33.2	33.4
Apr.													
486	1	40°28.0'	74°01.0'	1125	15	21	3.2	6	7	6.5	5.7	20.6	25.3
487	1	40°27.0'	74°02.0'	1235	15	14	1.8	7	11	7.5	6.0	20.6	25.9
488	1	40°27.2'	74°03.4'	1315	15	4	*	3	6	6.6	6.0	21.2	25.2
489	1	40°29.0'	74°03.4'	1400	15	10	1.4	5	7	6.4	6.5	23.0	26.2
490	1	40°29.6'	74°03.4'	1415	15	4	0.5	2	5	6.8	6.5	22.4	25.3
491	1	40°31.0'	74°01.0'	1450	15	5	1.8	2	5	**	**	22.1	25.2
492	2	40°25.0'	74°00.5'	0915	15	2	*	2	5	6.4	5.5	20.5	20.4
493	2	40°30.1'	74°05.0'	1030	15	49	2.3	3	6	6.5	5.8	20.4	24.2
494	2	40°30.1'	74°06.0'	**	15	11	0.5	4	6	6.3	5.3	21.2	21.3
495	2	40°30.4'	74°09.0'	1218	15	2	0.5	2	5	6.8	5.3	23.0	23.1
496	2	40°28.6'	74°11.0'	1300	15	102	0.9	3	5	6.2	4.5	20.3	20.4
497	2	40°28.6'	74°13.0'	1445	15	73	0.5	4	4	6.5	5.0	19.3	21.5
498	7	40°33.5'	74°00.0'	1244	15	1	*	1	3	5.5	5.4	23.8	25.3
499	7	40°33.4'	74°03.0'	1328	15	2	*	2	9	5.3	5.0	19.3	25.7
500	7	40°32.4'	74°05.2'	1406	15	57	1.4	5	5	4.7	4.5	20.3	23.0
501	1	40°27.3'	73°46.4'	1747	30	175	33.6	10	27	5.0	5.5	29.8	33.4
502	1	40°30.0'	73°38.0'	1939	30	214	68.5	11	16	5.5	5.1	30.3	33.2
503	1	40°31.6'	73°38.7'	2046	30	269	49.9	13	16	5.5	5.2	29.9	33.2
504	1	40°32.5'	73°33.4'	2208	30	303	91.6	12	15	5.2	5.0	31.4	32.7
505	1	40°32.0'	73°26.0'	2326	30	310	50.3	12	18	5.2	4.5	32.2	32.6
506	2	40°18.5'	73°11.5'	0205	30	162	68.9	11	38	4.8	4.9	33.1	33.3
507	2	40°32.5'	73°11.0'	0500	30	274	59.4	12	24	4.8	4.7	32.4	32.8
508	2	40°32.5'	73°07.5'	0626	30	207	100.7	9	24	5.0	4.8	32.4	32.5
509	2	40°37.0'	73°09.0'	0750	30	126	41.7	13	13	4.8	4.6	32.5	32.4
510	2	40°40.0'	72°59.0'	0922	30	103	64.9	11	17	4.7	4.7	32.5	32.7
511	2	40°43.5'	72°49.5'	1329	30	214	66.2	14	16	5.0	5.0	32.5	32.9
512	2	40°45.4'	72°36.0'	1540	30	121	62.6	13	26	5.3	4.9	32.7	32.9
513	2	40°32.0'	72°29.0'	2326	30	151	86.2	14	46	5.3	5.3	**	33.1
514	3	40°24.0'	72°33.5'	0157	30	216	131.1	10	49	5.7	7.2	33.1	33.4
515	3	40°13.5'	72°32.0'	0457	30	219	214.1	9	57	6.3	6.1	**	**
516	3	40°19.0'	72°59.5'	0747	30	64	52.2	9	44	5.7	5.6	33.5	33.4
517	5	40°01.0'	74°02.0'	1248	30	59	15.9	8	17	4.8	4.8	32.4	32.3
518	5	39°52.5'	74°03.5'	1446	30	112	22.2	11	16	4.8	4.8	32.3	32.2
519	5	39°54.5'	73°59.5'	1601	30	27	22.7	10	18	4.9	4.9	32.7	32.7
520	5	40°00.0'	73°56.0'	1744	30	367	13.2	6	20	5.4	5.4	33.4	33.3
521	5	40°08.8'	73°55.0'	2108	30	175	35.8	14	18	4.6	5.0	32.1	32.8
522	5	40°13.5'	73°48.0'	2337	30	267	87.1	20	31	5.4	5.4	33.5	33.8
523	6	40°15.9'	73°33.8'	0329	30	173	28.1	6	29	4.4	4.4	32.4	32.3
524	6	40°00.0'	73°38.0'	0828	30	44	27.2	9	36	4.8	6.3	33.0	34.3
525	6	39°52.5'	73°29.0'	1125	30	43	62.6	11	38	5.6	6.3	33.8	34.1
526	6	40°03.5'	73°17.0'	1426	30	41	17.7	6	46	5.4	5.4	33.0	33.5
527	6	40°08.8'	72°55.6'	1831	30	93	106.1	9	47	5.9	5.9	33.7	33.7
528	7	40°03.5'	73°24.0'	0224	30	119	127.0	7	68	6.0	6.5	33.7	33.8
529	7	40°14.0'	72°09.0'	0540	30	185	383.7	11	66	5.3	5.3	33.7	33.6
530	7	40°09.0'	72°01.5'	0822	30	58	122.0	5	69	5.6	6.6	33.8	34.1
531	7	39°46.4'	71°49.4'	1518	30	142	32.2	12	311	7.0	8.8	34.0	35.4
532	7	39°43.0'	72°07.0'	1912	30	48	15.4	6	112	7.4	11.8	34.3	35.6
533	7	39°44.0'	72°14.5'	2322	30	51	51.3	10	104	7.5	11.2	34.2	35.6

Table 2.--Continued

Sta. No.	Date	Location		Start Time	Duration (min)	Total Catch		No. spp. Caught	Depth (m)	Temp. (°C)		Salinity (o/oo)	
		Lat. (N)	Long. (W)			No.	Wt. (kg)			Surface	Bottom	Surface	Bottom
534	8	39°47.5'	72°21.0'	0113	30	57	57.2	8	82	6.8	10.6	34.0	35.5
535	8	39°45.5'	72°39.0'	0554	30	271	225.9	12	75	6.7	7.4	33.9	34.1
536	8	39°34.0'	72°20.0'	0725	30	64	8.6	4	101	7.5	11.2	34.0	35.5
537	8	39°29.5'	72°19.0'	1015	30	117	20.4	20	366	7.5	11.8	34.2	35.7
538	8	39°14.0'	72°27.0'	1855	30	174	37.6	16	183	8.1	11.6	34.6	35.7
539	8	39°11.5'	72°37.0'	2112	30	46	8.2	14	139	8.0	12.3	34.5	35.7
540	8	39°19.0'	72°48.5'	2323	30	70	30.8	12	79	7.5	9.2	34.4	34.8
541	9	39°28.5'	72°58.5'	0354	30	179	205.9	6	66	6.6	6.6	34.0	34.1
542	9	39°34.1'	73°05.5'	0540	30	92	122.0	12	47	6.5	6.5	34.0	34.0
543	9	39°52.5'	72°51.0'	1030	30	155	120.7	11	64	6.6	6.6	34.0	34.0
544	9	39°54.5'	73°11.5'	1554	30	259	233.1	12	62	6.1	6.1	34.0	33.8
545	9	39°46.0'	73°10.0'	1854	30	259	156.5	13	46	8.6	8.4	33.9	33.9
546	10	40°26.2'	73°37.0'	0608	30	122	37.2	16	20	4.9	4.9	32.6	32.7
547	10	40°18.5'	73°49.0'	0912	30	44	14.5	9	38	4.9	6.1	32.4	34.6
548	10	40°16.3'	73°50.8'	1054	30	NO	FISH CAUGHT		26	5.0	5.0	32.5	32.5
May													
549	5	40°28.5'	74°05.0'	**	15	8	1.4	4	7	11.4	10.8	21.5	21.6
550	5	40°29.2'	74°06.1'	**	15	14	1.8	5	8	10.9	11.4	21.3	21.6
551	5	40°30.1'	74°05.5'	**	15	13	1.4	2	7	11.5	10.4	21.2	23.0
552	5	40°30.5'	74°09.0'	**	15	5	0.5	2	4	11.2	10.9	20.8	20.7
553	6	40°29.1'	74°01.6'	**	15	34	*	4	5	11.0	10.2	19.7	27.7
554	6	40°33.5'	74°00.1'	**	15	56	2.7	7	4	11.4	10.4	17.7	24.1
555	6	40°33.6'	74°03.1'	**	15	25	0.9	8	5	12.3	12.2	23.1	19.1
556	6	40°32.6'	74°05.2'	**	15	72	2.3	11	4	13.9	11.6	19.3	20.4
557	6	40°28.5'	74°13.5'	**	15	55	4.1	7	4	15.0	14.1	14.9	21.2
558	6	40°28.4'	74°11.6'	**	15	161	15.4	8	4	14.9	13.6	16.1	21.2
559	6	40°27.5'	74°10.0'	**	15	47	3.2	7	3	14.5	13.3	16.3	20.4
560	6	40°27.5'	74°04.0'	**	15	58	10.4	9	5	**	**	20.9	23.9
561	8	40°29.1'	74°03.1'	**	15	47	9.5	8	7	12.7	11.5	19.9	22.6
562	8	40°27.6'	74°01.5'	**	15	78	14.5	5	7	12.1	13.2	20.2	21.0
563	8	40°26.5'	74°02.1'	**	15	127	17.7	4	5	14.4	12.3	19.9	20.8
564	8	40°25.2'	74°00.6'	**	15	85	7.3	8	5	14.8	14.0	20.1	20.9
565	5	40°28.8'	74°04.4'	1026	15	181	18.1	11	8	11.4	10.8	21.5	21.6
566	5	40°29.2'	74°06.2'	1111	15	211	17.7	11	9	10.9	11.4	21.3	21.6
567	5	40°29.3'	74°06.5'	1152	15	456	76.2	13	8	11.5	10.4	21.2	23.0
568	5	40°29.8'	73°54.0'	1350	30	1127	110.2	25	12	9.3	9.5	32.2	32.7
569	5	40°32.0'	73°48.0'	1519	30	329	91.2	16	15	8.6	8.5	32.7	32.6
570	5	40°34.2'	73°45.5'	1635	30	1708	198.7	22	11	9.0	8.9	32.7	32.7
571	5	40°29.6'	73°45.1'	1802	30	353	98.9	15	26	8.4	8.2	32.7	32.8
572	5	40°28.2'	73°35.8'	2004	30	721	83.0	17	21	8.3	8.0	32.9	33.0
573	5	40°25.3'	73°44.0'	2133	30	423	69.4	12	24	8.2	6.4	32.9	33.0
574	5	40°18.8'	73°37.0'	2308	30	445	51.7	13	26	7.8	6.7	33.1	33.3
575	6	40°15.4'	73°40.8'	0031	30	518	190.1	15	30	8.0	6.5	33.3	33.3
576	6	40°14.0'	73°45.0'	0203	30	508	106.5	13	50	8.4	6.3	33.0	33.2
577	6	40°17.8'	73°51.1'	0652	30	584	166.9	21	26	8.4	7.3	28.7	33.0
578	6	40°11.3'	73°49.0'	0835	30	360	123.4	17	26	8.8	7.0	31.0	33.1
579	6	40°11.5'	73°56.0'	0948	30	346	91.2	16	17	9.4	7.7	26.1	32.5
580	6	40°22.9'	73°55.8'	1503	30	364	71.2	18	15	10.8	7.5	26.9	32.9
581	6	40°30.0'	73°31.2'	1658	30	549	144.7	17	20	8.5	7.9	32.9	33.0
582	6	40°32.5'	73°29.0'	1936	30	625	121.1	16	17	8.5	8.3	32.8	32.0
583	6	40°34.0'	73°22.7'	2052	30	918	154.7	17	17	8.5	8.3	32.5	32.6
584	6	40°29.3'	73°18.9'	2226	30	461	214.1	18	24	7.7	7.7	32.0	32.6
585	7	40°19.5'	73°22.5'	0010	30	593	144.2	18	33	8.0	6.8	32.8	33.0
586	7	40°14.8'	73°16.5'	0210	30	326	98.9	16	39	7.8	6.1	32.7	33.4
587	7	40°27.0'	73°06.7'	0545	30	200	92.5	17	31	7.8	7.4	32.7	32.8
588	7	40°31.9'	73°07.4'	0705	30	407	215.4	17	24	7.6	7.6	32.3	32.4
589	7	40°36.3'	73°13.0'	0828	30	927	397.3	17	18	8.4	8.1	32.1	32.2
590	7	40°37.0'	73°09.0'	1028	30	1087	273.5	19	18	9.0	8.0	32.0	32.2
591	7	40°34.4'	73°00.5'	1158	30	129	144.7	18	23	8.5	7.5	32.1	32.6
592	7	40°39.5'	72°59.3'	1314	30	511	230.0	15	17	8.5	7.4	31.9	32.0
593	7	40°44.9'	72°44.7'	1609	30	675	226.8	18	18	9.5	7.6	**	**
594	7	40°44.6'	72°42.2'	1800	30	630	202.8	20	25	8.5	7.2	31.7	31.8

Table 2.--Continued

Sta. No.	Date	Location		Start Time	Duration (min)	Total Catch		No. spp. Caught	Depth (m)	Temp. (°C)		Salinity (o/oo)	
		Lat. (N)	Long. (W)			No.	Wt. (kg)			Surface	Bottom	Surface	Bottom
595	7	40°41.5'	72°37.0'	1948	30	460	137.4	14	32	7.8	6.9	31.8	**
596	7	40°28.5'	72°31.8'	2141	30	175	68.5	11	43	8.5	6.0	**	33.4
597	8	40°27.0'	72°27.0'	0023	30	198	83.9	13	47	7.5	5.6	32.4	**
598	8	40°21.7'	72°45.4'	1653	30	117	69.4	14	49	8.2	5.7	32.5	33.5
599	8	40°13.7'	72°59.0'	1851	30	107	49.9	14	47	9.3	5.6	32.6	33.2
600	8	40°01.1'	72°53.0'	2040	30	319	111.1	12	50	8.5	6.0	33.0	33.9
601	9	40°11.5'	72°32.7'	0033	30	1065	433.6	13	62	9.5	5.9	32.6	33.8
602	9	40°16.5'	72°07.3'	0300	30	164	53.1	12	62	7.3	5.4	33.3	33.7
603	9	40°03.8'	72°19.5'	0910	30	322	112.0	11	72	7.3	5.5	33.3	33.6
604	9	39°43.8'	72°00.6'	1612	30	74	34.9	14	153	9.5	11.9	34.0	36.0
605	9	39°52.5'	71°44.0'	2042	30	248	75.3	19	222	8.7	10.7	33.5	35.9
606	9	40°02.0'	71°55.2'	2255	30	50	14.5	10	83	9.0	5.6	33.6	33.7
607	10	39°55.2'	72°08.8'	0046	30	37	13.6	10	80	8.7	5.4	33.5	33.7
608	10	39°54.0'	72°41.3'	0430	30	101	42.6	18	54	9.0	5.9	33.5	33.7
609	10	39°46.2'	72°21.1'	0646	30	126	33.1	12	88	8.8	5.6	33.1	33.5
610	10	39°37.3'	72°22.8'	0816	30	103	17.2	10	105	8.5	11.5	33.5	35.8
611	10	39°30.4'	72°09.0'	1152	30	373	63.5	13	248	10.8	11.4	34.3	36.1
612	10	39°24.6'	72°14.4'	1348	30	314	93.9	15	348	10.6	9.0	34.2	35.8
613	10	39°14.5'	72°29.4'	1932	30	74	11.3	14	155	9.6	11.5	34.1	32.0
614	10	39°28.5'	72°43.0'	2335	30	39	15.9	7	70	9.2	5.7	32.6	33.7
615	11	39°40.4'	72°46.3'	0154	30	195	93.0	15	68	9.9	6.0	33.4	33.8
616	11	39°28.1'	73°05.6'	0540	30	217	90.7	14	65	9.5	6.2	33.3	33.8
617	11	39°38.2'	73°17.8'	1118	30	36	35.4	10	39	11.2	6.8	33.7	33.8
618	11	39°43.0'	73°01.8'	1310	30	49	25.4	13	51	11.2	6.2	33.3	33.7
619	11	39°54.0'	73°07.5'	1500	30	644	219.5	18	70	10.9	6.5	33.1	33.8
620	11	39°53.7'	73°27.1'	1821	30	98	50.8	14	41	11.9	6.2	32.1	33.4
621	11	39°54.0'	73°39.3'	1952	30	417	85.3	15	28	11.1	6.2	31.8	33.5
622	11	39°54.5'	73°49.0'	2125	30	443	212.3	17	27	11.4	6.3	31.3	33.3
623	12	39°52.5'	73°52.7'	0015	30	418	146.5	18	24	11.0	6.5	31.8	33.3
624	12	39°40.7'	74°05.4'	0233	30	301	116.6	17	15	11.3	8.8	31.6	32.6
625	12	39°47.6'	74°01.9'	0404	30	263	91.2	16	17	11.0	7.9	31.5	33.0
626	12	39°54.7'	74°03.4'	0528	8	332	117.9	18	18	9.4	8.1	32.2	32.7
627	12	40°04.0'	73°20.0'	1210	30	64	56.7	12	42	11.6	6.3	32.7	33.5
June													
628	3	40°27.6'	74°03.1'	0805	15	116	3.2	10	7	20.6	20.4	20.1	21.2
629	3	40°27.5'	74°05.1'	0840	15	57	2.3	9	5	20.8	20.5	19.4	21.4
630	3	40°27.6'	74°09.1'	0930	15	37	1.8	5	3	20.4	19.4	20.0	22.8
631	3	40°28.3'	74°11.0'	0950	15	17	1.4	6	4	20.3	19.2	21.3	24.3
632	3	40°28.5'	74°13.0'	1025	15	2	*	2	3	**	**	19.5	23.5
633	3	40°30.3'	74°09.6'	**	15	21	0.5	5	5	**	**	22.2	25.5
634	9	40°29.1'	74°01.4'	0920	15	7	0.9	4	5	17.3	17.0	23.2	26.4
635	9	40°31.1'	74°01.1'	1040	15	16	0.5	4	5	16.9	16.5	24.4	25.2
636	9	40°32.2'	74°05.9'	1235	15	50	0.9	5	4	18.1	17.9	23.8	23.9
637	2	40°31.0'	73°54.7'	1623	30	243	68.0	10	10	16.5	15.0	30.7	31.5
638	2	40°31.0'	73°50.7'	1746	30	584	131.1	18	16	18.2	9.6	28.9	32.1
639	2	40°34.0'	73°39.8'	1915	30	531	106.6	16	9	15.9	13.5	31.7	31.7
640	2	40°27.3'	73°36.6'	2048	30	147	37.6	18	19	17.8	9.5	29.9	31.8
641	2	40°25.0'	73°41.0'	2210	30	289	86.2	18	24	17.6	8.6	30.3	32.5
642	2	40°22.3'	73°30.4'	2356	30	312	74.8	18	26	17.8	7.4	30.6	32.0
643	3	40°27.0'	73°35.2'	0115	30	339	114.8	16	22	17.8	10.0	30.2	32.0
644	3	40°32.0'	73°31.3'	0239	30	1124	264.0	14	15	17.2	12.8	30.9	31.9
645	3	40°35.1'	73°21.1'	0424	30	572	90.3	16	18	16.3	9.0	31.4	31.9
646	3	40°36.0'	73°16.7'	0634	30	249	122.9	10	18	16.6	8.2	31.4	31.8
647	3	40°33.0'	73°13.0'	0815	30	74	49.9	9	23	17.7	7.7	30.7	31.8
648	3	40°34.0'	73°08.5'	0937	30	107	105.7	10	21	17.6	7.5	31.0	**
649	3	40°37.0'	73°09.0'	1050	30	260	99.8	13	17	15.3	8.2	31.8	**
650	3	40°41.2'	72°56.5'	1225	30	752	136.1	17	15	16.7	8.8	31.4	32.0
651	3	40°39.3'	72°55.7'	1344	30	204	195.0	13	25	**	**	31.5	32.3
652	3	40°30.5'	72°49.3'	1635	30	117	51.3	10	38	16.0	7.0	31.6	32.8
653	3	40°43.6'	72°42.7'	1826	30	717	372.9	12	25	15.9	6.6	31.3	32.3

Table 2.--Continued

Sta. No.	Date	Location		Start Time	Duration (min)	Total Catch		No. spp. Caught	Depth (m)	Temp. (°C)		Salinity (o/oo)	
		Lat. (N)	Long. (W)			No.	Wt. (kg)			Surface	Bottom	Surface	Bottom
654	4	40°31.2'	72°23.1'	0346	30	177	59.0	14	46	15.7	5.4	31.7	33.0
655	4	40°46.8'	72°38.2'	0617	30	416	117.5	18	18	13.5	11.2	31.8	32.1
656	4	40°18.5'	72°19.5'	2130	30	70	28.6	7	55	16.5	5.4	31.9	33.1
657	4	40°16.0'	72°23.5'	2238	30	69	31.8	7	55	16.0	8.7	31.9	33.1
658	5	40°23.5'	72°55.0'	0216	30	222	56.2	9	41	15.0	5.7	31.4	33.0
659	5	40°21.0'	73°14.7'	0505	30	99	20.4	16	33	17.5	6.7	31.1	32.6
660	5	40°11.0'	73°17.2'	0720	30	56	15.0	14	37	16.6	6.0	31.2	33.1
661	5	40°03.8'	73°11.2'	0852	30	50	10.9	10	41	16.6	6.0	31.5	33.3
662	5	39°51.0'	73°13.5'	1055	30	329	20.0	9	46	16.7	6.0	31.6	33.3
663	5	39°58.5'	73°07.0'	1353	30	56	15.4	7	48	16.6	5.7	32.2	33.3
664	5	39°56.1'	72°50.8'	1556	30	18	4.5	4	54	16.7	5.8	32.4	33.3
665	5	40°01.6'	72°41.6'	1736	30	87	30.4	12	58	16.1	5.6	32.3	33.2
666	5	40°13.5'	72°43.5'	2035	30	312	122.0	10	54	15.7	5.3	31.8	33.1
667	5	40°09.8'	72°27.8'	2237	30	183	68.0	10	57	15.7	5.7	32.0	33.2
668	4	40°11.3'	72°13.6'	0111	30	122	48.5	10	68	15.4	5.8	32.7	33.3
669	6	39°44.3'	71°52.5'	1247	30	135	30.4	11	264	13.8	10.0	33.2	35.7
670	6	39°56.2'	71°50.5'	1618	30	149	25.4	11	113	16.9	12.1	34.5	35.3
671	6	39°54.5'	71°57.5'	1750	30	428	72.6	10	99	17.5	11.7	34.8	35.3
672	6	40°06.0'	71°55.6'	1946	30	245	82.1	11	77	14.3	12.0	32.8	33.9
673	6	39°58.9'	72°16.4'	2206	30	205	83.0	11	77	15.2	8.1	32.8	33.0
674	7	39°46.7'	72°27.5'	0133	30	358	97.1	10	75	16.3	7.7	32.6	33.7
675	7	39°36.0'	72°10.9'	0506	30	117	17.2	12	125	14.8	12.1	33.3	35.7
676	7	39°32.5'	72°22.0'	0723	30	29	3.2	9	210	15.3	9.0	33.5	35.4
677	7	39°16.0'	72°22.0'	1130	30	48	2.3	11	225	18.8	11.5	35.4	35.7
678	7	39°12.4'	72°40.3'	1654	30	93	19.1	11	127	17.4	11.2	33.3	35.2
679	7	39°26.5'	72°44.2'	1857	30	201	73.0	7	74	16.8	9.1	32.5	34.5
680	8	39°34.1'	72°47.6'	0006	30	119	49.4	7	66	17.0	5.8	32.4	33.3
681	8	39°41.3'	72°50.8'	0232	30	145	50.8	9	67	16.7	7.3	39.1	33.4
682	8	39°41.1'	73°11.2'	0646	30	26	19.1	6	43	16.6	7.2	31.2	32.8
683	8	39°45.2'	73°53.8'	1149	30	86	35.4	10	24	18.3	8.2	31.4	32.7
684	8	39°43.0'	74°02.0'	1318	30	98	61.7	11	17	17.4	9.1	30.2	32.4
685	8	39°58.6'	74°02.5'	1556	30	433	137.0	16	17	17.3	9.5	29.1	32.3
686	8	39°56.4'	73°38.5'	1915	30	120	19.5	11	31	15.8	7.7	31.4	32.7
687	8	40°04.5'	73°50.7'	2102	30	347	73.5	19	24	**	**	31.3	32.5
688	8	40°00.5'	73°54.0'	2235	30	511	136.1	18	21	16.4	8.4	31.1	32.5
689	9	40°05.3'	74°00.8'	0010	30	630	161.5	16	20	16.8	11.0	28.4	31.3
690	9	40°10.7'	73°57.0'	0145	30	1014	238.1	16	17	16.7	10.5	30.4	32.3
691	9	40°12.0'	73°49.9'	0338	30	220	104.8	15	27	16.7	8.4	31.2	32.4
692	9	40°13.7'	73°45.8'	0527	30	296	146.1	19	63	16.2	6.4	31.3	33.0
693	9	40°11.7'	73°43.9'	0706	30	410	157.9	16	57	16.0	6.3	33.0	31.2
694	9	40°12.4'	73°37.0'	0837	30	299	134.7	17	71	15.6	6.0	31.3	33.2
695	9	40°08.5'	73°30.5'	1116	30	73	28.1	14	38	15.9	6.6	31.1	32.8
696	9	40°15.6'	73°34.5'	1251	30	76	32.7	11	26	15.9	8.4	31.3	32.4
697	9	40°17.0'	73°38.0'	1403	30	67	29.0	15	24	16.5	8.1	30.9	31.2
698	9	40°18.0'	73°42.8'	1509	30	41	33.1	11	28	16.5	8.8	31.0	32.2
699	9	40°15.8'	73°50.7'	1640	30	193	117.0	14	25	16.9	8.7	31.3	32.5
700	9	40°23.6'	73°57.1'	1834	30	393	167.8	16	12	16.7	12.5	27.0	27.3

Table 3.--List of fishes collected in New York Bight, June 1974 to June 1975, arranged according to Bailey et al. (1970), including number and weight by station of occurrence; i.e., station number (number of fish; weight in kg). An asterisk (*) indicates a weight of less than 0.5 kg.

MYXINIDAE

Myxine glutinosa, Atlantic hagfish

100(8; 0.5)	101(1; *)	163(1; *)	286(2; *)	289(5; 0.5)	346(1; *)
417(3; *)	440(1; *)	458(3; 0.5)			

LAMNIDAE

Carcharodon carcharias, white shark

138(1; 23.6)

SCYLIORHINIDAE

Scyliorhinus retifer, chain dogfish

348(1; 0.5)	414(1; *)	538(1; *)	604(1; 0.5)	610(8; 2.3)	612(2; 0.5)
670(5; 0.9)	675(1; *)	678(1; *)			

CARCHARHINIDAE

Mustelus canis, smooth dogfish

19(5; 14.1)	20(3; 6.8)	21(3; 5.0)	23(4; 16.8)	24(10; 24.9)
27(2; 4.1)	28(2; 2.3)	30(2; 7.7)	37(8; 0.9)	45(4; 11.3)
46(2; 4.5)	47(4; 13.2)	48(7; 14.1)	49(5; 14.1)	50(6; 13.6)
52(8; 19.5)	53(4; 9.5)	61(9; 15.0)	65(12; 5.0)	66(5; 3.6)
68(2; 0.9)	71(2; 1.4)	72(2; 1.4)	77(31; 39.5)	78(1; 1.4)
79(5; 3.6)	80(4; 10.9)	81(1; 2.7)	82(3; 6.8)	83(4; 10.4)
84(32; 73.5)	85(14; 32.2)	88(1; 3.6)	89(1; 3.2)	90(1; 0.9)
91(3; 8.2)	92(1; 0.9)	116(3; 8.2)	117(2; 5.9)	118(1; 3.6)
120(2; 5.0)	123(3; 2.7)	137(130; 300.3)	138(27; 42.2)	140(1; 1.8)
141(2; 5.4)	142(8; 17.2)	143(2; 4.1)	144(10; 21.8)	145(5; 13.2)
146(3; 6.4)	148(13; 33.1)	150(5; 6.4)	151(33; 74.8)	162(1; *)
186(1; 1.4)	187(1; 0.9)	197(36; 85.3)	198(21; 50.8)	199(6; 15.0)
200(49; 123.4)	201(11; 36.7)	202(14; 44.5)	203(34; 100.2)	204(12; 31.8)
205(87; 268.1)	206(68; 4.5)	207(339; 90.7)	208(10; 14.1)	209(4; 6.4)
211(18; 54.9)	212(2; 4.1)	213(24; 74.8)	214(6; 20.0)	215(1; 1.4)
216(1; 1.8)	232(43; 129.7)	233(51; 94.3)	234(24; 60.3)	235(23; 63.0)
236(21; 64.9)	277(1; 2.3)	288(2; 0.5)	294(6; 15.0)	298(4; 13.6)
340(1; 0.5)	583(1; 1.4)	589(1; 4.1)	625(2; 3.6)	626(1; 1.4)
637(15; 19.5)	638(6; 15.4)	639(3; 3.2)	642(4; 12.7)	643(1; 1.8)
644(5; 10.4)	645(2; 3.2)	646(12; 29.5)	647(3; 7.7)	648(4; 16.8)
649(9; 20.4)	650(4; 5.4)	651(11; 31.3)	653(13; 30.4)	655(3; 3.6)
659(1; 2.7)	678(1; *)	683(1; 2.7)	684(10; 26.8)	685(6; 12.2)
686(2; 4.1)	687(1; 2.7)	688(2; 4.1)	689(1; 2.3)	691(3; 6.4)
693(1; 1.8)	695(1; 2.3)	696(3; 7.3)	697(2; 5.0)	698(4; 16.3)
699(9; 22.7)	700(17; 30.4)			

SQUALIDAE

Squalus acanthias, spiny dogfish

18(3; 14.5)	20(4; 18.6)	21(3; 13.2)	22(1; 5.0)
23(3; 7.3)	24(7; 24.9)	25(8; 32.2)	27(2; 8.6)
30(4; 13.6)	44(1; 4.1)	47(3; 13.6)	49(1; 2.3)
50(4; 19.1)	51(6; 23.1)	52(11; 44.0)	53(8; 30.8)
54(1; 5.0)	55(1; 4.1)	59(3; 12.2)	60(3; 12.2)
259(121; 230.9)	260(208; 385.1)	261(154; 447.2)	262(16; 49.9)
263(28; 85.3)	264(283; 698.5)	265(138; 410.5)	266(168; 538.0)

Table 3.--Continued

Squalus acanthias--Cont.

267(96; 248.1)	268(105; 212.7)	269(106; 215.0)	270(5; 15.4)
271(56; 162.8)	272(2; 7.3)	273(29; 69.9)	274(107; 363.8)
275(22; 50.3)	276(216; 857.3)	277(161; 492.1)	278(102; 290.3)
279(332; 957.5)	280(2; 5.0)	281(11; 20.9)	282(12; 23.1)
283(6; 13.6)	284(2; 5.9)	291(18; 31.3)	292(14; 49.0)
293(324; 851.8)	294(3; 9.5)	295(490; 1151.2)	296(26; 73.0)
297(339; 900.8)	298(3; 7.3)	321(2; 3.2)	323(5; 11.3)
324(3; 5.4)	326(1; 1.4)	327(2; 4.1)	328(35; 111.6)
329(23; 58.5)	330(11; 23.6)	331(7; 15.4)	332(7; 15.4)
333(2; 5.4)	334(4; 12.2)	335(134; 192.8)	336(35; 95.3)
337(71; 102.5)	338(4; 11.8)	340(1; 4.5)	341(41; 114.3)
342(86; 275.6)	343(38; 298.9)	346(6; 11.3)	348(4; 4.5)
349(207; 414.1)	350(23; 57.2)	351(29; 83.0)	352(110; 412.8)
353(37; 136.5)	354(25; 38.6)	356(28; 58.5)	357(178; 38.6)
397(1; 4.1)	398(3; 8.2)	406(5; 14.5)	407(3; 11.3)
408(184; 213.2)	409(116; 171.9)	410(231; 88.0)	413(9; 10.9)
414(48; 47.2)	415(71; 108.9)	416(131; 78.0)	417(3; 8.2)
421(51; 83.0)	422(197; 200.0)	423(188; 485.8)	424(302; 339.3)
425(14; 33.6)	430(1; 3.6)	432(14; 27.7)	433(4; 15.0)
434(3; 11.8)	435(1; 4.1)	440(9; 7.3)	441(5; 2.7)
442(37; 16.8)	443(5; 14.5)	444(38; 61.7)	445(4; 5.4)
446(2; 6.4)	447(118; 249.9)	448(165; 100.7)	449(2; 2.7)
450(3; 1.8)	451(3; 1.4)	452(579; 1264.2)	453(250; 412.8)
454(28; 63.0)	455(51; 120.7)	456(344; 753.0)	457(78; 127.5)
458(11; 15.9)	472(1; 3.6)	473(1; 3.6)	476(2; 7.3)
481(1; 3.2)	513(13; 38.6)	515(45; 146.1)	516(4; 11.3)
518(1; 3.2)	519(3; 10.0)	524(3; 10.4)	525(3; 12.7)
527(23; 76.7)	528(33; 89.4)	529(129; 345.6)	530(42; 115.7)
531(4; 3.6)	532(2; 2.3)	533(8; 31.3)	534(14; 43.1)
535(66; 152.0)	536(3; 4.5)	540(5; 10.9)	541(49; 154.7)
542(31; 94.3)	543(39; 80.3)	544(56; 170.6)	545(27; 70.3)
546(2; 6.8)	572(4; 14.1)	573(1; 4.1)	574(3; 11.3)
575(20; 88.5)	576(6; 25.9)	578(3; 11.3)	579(1; 3.6)
581(13; 54.0)	582(3; 7.3)	583(10; 37.2)	584(21; 77.1)
585(3; 5.9)	586(5; 5.9)	587(8; 31.8)	588(19; 82.6)
589(19; 72.6)	590(18; 64.9)	591(27; 106.6)	593(1; 3.2)
594(5; 15.0)	595(2; 9.1)	596(3; 8.2)	597(2; 2.7)
598(2; 6.8)	599(3; 7.3)	601(2; 6.8)	602(4; 10.9)
603(1; *)	605(7; 1.8)	608(7; 4.5)	609(76; 8.2)
611(1; 0.9)	612(1; *)	615(2; 5.5)	616(17; 13.2)
617(6; 21.8)	618(3; 5.4)	619(25; 9.5)	620(5; 15.4)
621(1; 4.1)	622(21; 88.9)	623(2; 8.6)	624(8; 30.4)
625(1; 4.1)	626(1; 6.4)	627(8; 31.3)	638(7; 29.5)
639(1; 3.2)	640(3; 12.2)	641(7; 25.9)	642(2; 9.1)
643(6; 23.6)	644(38; 84.4)	645(1; 5.0)	646(1; 5.0)
647(5; 18.1)	648(15; 58.5)	649(1; 4.1)	651(26; 101.2)
653(25; 104.3)	671(2; 0.5)	672(7; 4.1)	674(16; 1.8)
678(1; *)	681(1; *)	688(1; 5.4)	690(4; 17.2)
691(7; 30.4)	698(1; 3.6)	699(6; 26.8)	700(6; 28.6)

TOPPEDINIDAE

Torpedo nobiliana, Atlantic torpedo

23(1; 8.6) 61(2; *)

Table 3.--Continued

RAJIDAE

Raja eglanteria, clearnose skate

111(1; 1.4)	138(1; 1.4)	143(3; 1.4)	150(7; 3.6)	198(3; 2.7)	205(1; 1.8)
206(2; 3.2)	232(1; 1.8)				

Raja erinacea, little skate

19(1; 0.5)	25(5; 2.3)	22(2; 0.9)	28(2; 0.5)	29(2; 0.9)
30(2; 0.9)	31(1; 0.5)	41(2; 0.9)	42(3; 1.4)	43(2; 0.9)
44(5; 1.8)	45(7; 3.2)	46(9; 3.2)	54(1; 0.5)	56(11; 4.5)
57(13; 4.5)	58(15; 5.0)	59(20; 6.4)	60(8; 3.2)	70(106; 50.8)
81(4; 1.8)	82(86; 31.8)	83(59; 28.1)	84(12; 6.4)	85(27; 14.5)
86(393; 125.2)	87(59; 22.7)	88(2; 0.9)	89(10; 5.0)	90(15; 9.5)
91(9; 4.5)	92(91; 45.8)	93(64; 14.1)	94(6; 2.7)	95(1; 0.5)
96(3; 1.4)	98(1; 0.5)	104(6; 2.3)	105(187; 72.1)	106(14; 5.4)
107(365; 105.7)	108(15; 5.4)	110(7; 3.6)	112(108; 32.2)	113(20; 5.9)
114(6; 2.3)	115(235; 98.4)	116(177; 73.0)	117(39; 17.7)	118(19; 8.2)
119(32; 10.4)	120(29; 13.6)	140(1; 0.5)	141(26; 12.7)	142(18; 10.0)
145(48; 17.7)	146(44; 12.7)	147(23; 10.0)	148(5; 2.3)	149(27; 12.7)
151(17; 10.4)	152(125; 47.6)	153(208; 76.2)	154(11; 4.5)	155(140; 50.8)
156(28; 10.9)	157(36; 19.1)	158(13; 6.4)	159(3; 1.4)	160(156; 88.0)
161(14; 5.9)	167(46; 12.7)	168(10; 3.6)	170(1; *)	171(1; 0.5)
172(15; 0.9)	173(1; *)	174(35; 10.4)	175(116; 42.6)	176(16; 5.9)
177(27; 10.0)	178(5; 1.4)	179(3; 1.4)	198(1; 0.5)	200(8; 4.1)
201(19; 8.6)	202(5; 1.8)	203(11; 5.9)	204(5; 2.7)	205(5; 4.5)
206(5; 1.8)	207(3; 1.4)	208(9; 4.1)	209(1; 0.5)	210(4; 2.3)
211(61; 32.2)	212(2; 0.5)	213(115; 65.3)	214(95; 49.4)	215(64; 42.6)
216(45; 18.1)	217(1; *)	223(46; 23.1)	224(107; 35.8)	225(82; 29.0)
226(282; 127.0)	227(105; 44.9)	228(61; 30.8)	229(101; 38.1)	230(35; 14.5)
231(26; 10.0)	236(25; 10.9)	260(9; 4.5)	261(4; 1.8)	262(3; 1.4)
263(14; 7.7)	264(22; 12.2)	265(5; 2.3)	266(17; 9.1)	267(74; 30.8)
268(35; 15.9)	269(9; 4.5)	270(5; 2.3)	271(4; 1.8)	272(28; 17.2)
273(52; 27.2)	274(47; 20.0)	275(19; 10.0)	276(116; 53.1)	277(258; 100.7)
278(88; 45.8)	279(35; 16.3)	280(189; 60.8)	281(94; 44.9)	282(24; 11.8)
283(44; 24.0)	284(3; 0.9)	285(6; 4.1)	291(100; 61.7)	292(123; 112.0)
293(118; 48.5)	294(69; 30.4)	295(20; 24.5)	296(66; 29.0)	297(41; 20.0)
298(8; 5.0)	321(15; 7.3)	322(14; 8.6)	323(31; 16.3)	324(149; 64.9)
325(152; 82.1)	326(142; 63.0)	327(134; 64.0)	328(47; 25.9)	329(12; 5.4)
330(346; 122.0)	331(43; 22.2)	332(192; 66.2)	333(213; 79.8)	334(193; 79.4)
335(83; 39.0)	336(42; 23.1)	337(47; 23.1)	338(128; 76.2)	339(151; 81.2)
340(126; 70.8)	341(112; 32.2)	342(808; 249.0)	343(207; 88.9)	349(51; 31.8)
350(68; 39.5)	351(36; 19.5)	352(1; 0.5)	353(21; 7.3)	354(8; 3.6)
356(62; 24.9)	357(139; 73.0)	389(19; 8.6)	390(24; 12.7)	391(15; 7.3)
392(20; 11.3)	393(96; 34.0)	394(41; 15.4)	395(37; 14.1)	396(172; 56.7)
397(174; 80.7)	398(172; 71.2)	399(30; 8.2)	400(15; 7.3)	401(45; 26.3)
402(5; 1.8)	403(24; 11.3)	404(165; 57.2)	405(168; 49.9)	406(116; 39.5)
407(60; 29.5)	408(22; 12.2)	409(33; 19.1)	410(46; 24.5)	413(3; 1.8)
414(54; 29.0)	415(111; 51.7)	416(72; 33.1)	417(8; 3.6)	421(112; 40.8)
422(131; 61.2)	423(48; 25.4)	424(7; 4.1)	425(18; 8.6)	426(16; 5.4)
427(66; 25.4)	428(93; 34.5)	429(90; 31.8)	430(44; 17.7)	431(52; 21.8)
432(40; 15.4)	433(262; 75.3)	434(196; 51.7)	435(101; 33.1)	436(22; 6.8)
437(542; 170.1)	438(74; 25.9)	439(1; 0.5)	443(24; 6.4)	444(35; 14.5)
445(21; 9.1)	446(1; 0.5)	447(1; 0.9)	452(73; 20.0)	453(11; 4.1)
454(4; 1.8)	455(14; 7.3)	456(17; 9.1)	457(26; 20.4)	458(3; 0.5)
459(5; 2.3)	460(27; 13.2)	461(48; 18.1)	462(40; 14.1)	463(33; 10.0)
464(55; 19.1)	465(7; 4.5)	466(4; 1.8)	467(14; 6.4)	470(22; 9.1)

Table 3.--Continued

Raja erinacea--Cont.

471(9; 4.1)	472(11; 5.0)	473(8; 3.6)	474(11; 5.0)	475(40; 13.6)
476(15; 5.9)	477(8; 2.7)	478(50; 14.5)	479(57; 20.0)	480(40; 12.2)
481(30; 8.2)	482(33; 12.7)	483(15; 3.2)	484(55; 29.5)	485(5; 3.2)
501(4; 1.8)	502(48; 23.6)	503(40; 16.8)	504(76; 24.5)	505(79; 21.3)
506(55; 19.5)	507(81; 20.9)	508(95; 36.7)	509(17; 6.4)	510(30; 14.5)
511(48; 24.0)	512(19; 8.6)	513(46; 20.4)	515(75; 36.7)	516(9; 4.5)
517(2; 0.5)	518(1; 0.5)	520(2; 0.9)	521(2; 8.2)	522(41; 14.1)
523(63; 15.0)	524(18; 5.4)	525(12; 5.9)	526(6; 2.7)	527(12; 5.9)
528(62; 27.7)	529(28; 10.4)	530(9; 4.1)	534(7; 5.0)	535(33; 18.6)
540(12; 7.7)	541(77; 38.6)	542(14; 8.6)	543(49; 21.3)	544(50; 25.9)
545(38; 20.0)	546(2; 0.9)	547(9; 3.2)	568(18; 9.1)	569(13; 6.8)
570(63; 26.8)	571(19; 8.2)	572(29; 11.3)	573(94; 40.4)	574(55; 16.8)
575(51; 21.3)	576(75; 25.9)	577(37; 11.8)	578(36; 13.6)	579(29; 12.2)
580(41; 14.1)	581(23; 8.6)	582(52; 17.7)	583(94; 29.0)	584(170; 60.3)
585(198; 68.5)	586(105; 34.0)	587(47; 20.4)	588(82; 28.6)	589(336; 111.6)
590(225; 69.4)	591(32; 11.8)	592(268; 50.3)	593(71; 66.7)	594(175; 70.3)
595(185; 72.6)	596(73; 120.7)	597(91; 48.1)	598(9; 5.0)	599(28; 13.6)
600(184; 64.0)	601(293; 122.0)	602(63; 23.1)	603(51; 29.0)	606(2; 1.4)
607(9; 6.8)	608(36; 20.4)	609(5; 3.6)	614(14; 9.5)	615(80; 48.5)
616(71; 37.6)	617(9; 4.5)	618(10; 5.4)	619(198; 88.0)	620(24; 10.9)
621(238; 70.3)	622(246; 83.5)	623(226; 76.2)	624(75; 34.0)	625(57; 23.6)
626(13; 6.4)	627(8; 3.2)	637(7; 3.6)	638(23; 11.8)	639(2; 0.5)
640(17; 7.3)	641(73; 25.9)	642(68; 25.9)	643(59; 25.9)	644(19; 9.1)
645(7; 2.7)	646(4; 1.8)	647(23; 9.1)	648(17; 6.4)	649(7; 1.8)
650(30; 14.5)	651(23; 8.2)	652(32; 16.3)	653(340; 146.5)	654(54; 24.5)
655(82; 27.2)	656(34; 15.9)	657(41; 17.2)	658(82; 32.2)	659(18; 7.7)
660(19; 9.1)	661(14; 6.4)	662(9; 5.4)	663(27; 11.8)	664(8; 4.1)
665(41; 17.7)	666(205; 84.4)	667(136; 55.8)	668(77; 33.6)	669(5; 1.8)
671(3; 1.8)	672(14; 9.5)	673(34; 19.1)	674(29; 16.8)	679(14; 8.6)
680(56; 24.9)	681(83; 41.3)	682(9; 3.6)	683(31; 10.4)	684(26; 12.2)
685(40; 20.0)	686(17; 5.4)	687(101; 37.2)	688(153; 64.0)	689(103; 48.1)
690(66; 27.2)	691(60; 24.0)	692(76; 28.1)	693(273; 5.0)	694(74; 49.9)
695(33; 14.1)	696(35; 12.7)	697(27; 12.2)	698(6; 1.8)	699(100; 40.8)
700(21; 10.0)				

Raja garmani, rosette skate

101(1; 0.5)	165(2; 0.9)	219(1; 0.5)	288(1; *)	290(1; *)	347(3; 0.9)
411(1; 0.5)	418(2; 0.9)	450(1; 0.5)	539(1; 0.5)	604(6; 1.4)	610(8; 2.7)
613(1; *)	675(2; 0.5)	676(1; 0.5)	678(6; 1.8)	680(1; *)	

Raja laevis, barndoor skate

346(2; 15.0)

Raja ocellata, winter skate

228(1; 1.8)	233(9; 12.7)	234(1; 6.4)	259(1; *)	325(6; 24.5)
326(2; 15.0)	327(1; 2.3)	330(1; 5.9)	331(3; 10.9)	332(2; 9.1)
333(13; 46.3)	335(1; 1.8)	342(1; 1.8)	354(1; 5.4)	356(1; 1.4)
390(8; 18.1)	391(3; 5.9)	392(5; 6.4)	393(3; 12.7)	395(3; 5.9)
397(3; 10.9)	399(1; 1.4)	400(3; 8.2)	401(10; 42.2)	402(6; 20.9)
404(3; 5.4)	405(3; 10.9)	432(1; 6.4)	438(1; 3.6)	454(2; 17.2)

Table 3.--Continued

<i>Raja ocellata</i> --Cont.					
461(1; 2.3)	462(1; 2.7)	465(1; 1.4)	480(1; 1.4)	481(1; 5.4)	
482(2; 4.1)	484(2; 7.7)	502(2; 5.9)	503(1; 2.3)	504(1; 3.6)	
505(1; 2.7)	506(1; 4.1)	508(1; 5.4)	511(1; 2.7)	512(2; 6.4)	
513(1; 6.8)	515(1; 5.4)	521(3; 9.1)	524(1; *)	525(1; 2.7)	
527(1; 4.5)	545(1; 7.7)	568(3; 13.2)	569(2; 6.8)	570(3; 9.1)	
575(1; 5.0)	578(1; 5.0)	579(1; 5.0)	581(1; 3.2)	582(1; 1.8)	
583(2; 5.4)	584(4; 21.8)	586(1; 3.6)	588(1; 4.1)	589(3; 6.8)	
590(1; 5.4)	591(1; 3.2)	592(8; 33.1)	593(6; 23.1)	594(3; 8.6)	
621(1; 1.8)	622(1; 5.4)	623(1; 5.0)	637(3; 5.9)	639(1; 2.3)	
650(2; 5.4)	651(1; 2.3)	665(1; 5.0)	688(1; 0.5)	692(1; 2.3)	
693(1; 2.3)					
<i>Raja radiata</i> , thorny skate					
286(4; 0.9)	348(17; 6.8)	417(8; 31.8)	537(2; 0.9)	538(1; *)	612(5; 0.9)
655(1; *)					
DASYATIDAE					
<i>Dasyatis centroura</i> , rough-tail stingray					
137(1; 7.7)	203(2; 38.1)	204(1; 15.4)	205(1; 17.7)	209(1; 15.4)	
ACIPENSERIDAE					
<i>Acipenser oxyrinchus</i> , Atlantic sturgeon					
651(1; 5.9)					
ANGUILLIDAE					
<i>Anguilla rostrata</i> , American eel					
327(1; 0.5)	357(1; *)				
SIMENCHELYIDAE					
<i>Simenchelys parasiticus</i> , snubnose eel (See: Leim and Scott 1966)					
422(1; *)					
CONGRIDAE					
<i>Conger oceanicus</i> , conger eel					
204(1; *)	215(1; *)	286(1; *)	319(1; *)	324(1; *)	353(1; *)
487(1; 0.5)	558(1; *)	560(1; 0.5)	570(1; *)	572(1; *)	670(2; 1.8)
OPHICHTHIDAE					
<i>Pisodonophis cruentifer</i> , snake eel (See: Rosenblatt and McCosker 1970)					
33(2; *)	104(6; *)	106(3; *)	115(1; *)	152(2; *)	155(1; *)
158(1; *)	160(4; *)	161(2; *)	164(2; *)	168(2; *)	217(1; *)
218(1; *)	224(7; *)	225(3; *)	226(4; *)	227(4; *)	228(1; *)
291(1; *)	293(1; *)	325(1; *)	338(3; *)	340(4; *)	341(3; *)
347(2; *)	348(1; *)	410(1; *)	420(1; *)	451(1; *)	615(1; *)
NEMICHTHYIDAE					
<i>Nemichthys scolopaceus</i> , slender snipe eel					
417(1; *)	608(1; *)	609(1; *)	612(5; *)		

Table 3.--Continued

CLUPEIDAE

Alosa aestivalis, blueback herring

16(300; 2.3)	17(140; 0.9)	18(1032; 6.8)	27(2; *)	28(7; 0.5)
29(5; 0.9)	50(1; *)	53(3; *)	61(53; 0.9)	150(2; *)
256(1; *)	258(29; 0.5)	300(6; *)	301(5; *)	302(1; *)
306(3; *)	308(1; *)	309(1; *)	313(9; *)	314(3; *)
315(9; *)	318(138; 5.9)	319(264; 7.3)	320(80; 15.4)	358(1; *)
359(19; 0.9)	360(1; *)	361(2; *)	362(1; *)	364(10; *)
365(41; 0.5)	366(26; 0.5)	367(22; 0.5)	368(8; *)	371(25; *)
373(67; 0.5)	374(26; *)	375(31; *)	376(1; *)	379(1; *)
381(15; 0.5)	385(15; *)	386(2; 0.5)	392(2; *)	393(33; 5.4)
399(25; 0.5)	400(102; 0.9)	401(2; *)	402(1; *)	454(1; *)
484(1; *)	488(2; *)	493(31; 0.9)	494(7; *)	495(2; *)
496(97; 0.9)	497(70; 0.5)	500(43; 0.5)	509(1; *)	522(1; *)
546(13; 1.4)	547(1; *)	550(4; *)	552(3; *)	553(3; *)
554(35; *)	555(2; *)	556(10; *)	557(2; *)	561(1; *)
564(10; *)	565(9; 1.8)	566(9; 1.8)	568(8; 0.9)	577(1; *)
580(1; *)	590(3; *)	593(1; *)	628(1; *)	629(1; *)
630(1; *)	632(1; *)	633(2; *)	638(3; *)	641(3; 0.5)
655(22; 1.4)	659(7; 0.9)	692(4; 0.5)	693(2; *)	694(21; 4.1)

Alosa mediocris, hickory shad

17(2; 0.5)

Alosa pseudoharengus, alewife

16(40; 0.9)	17(328; 42.6)	19(1; *)	20(1; *)	21(1; *)
28(1; *)	48(1; *)	53(163; 4.5)	61(1; *)	70(3; *)
238(4; *)	246(2; *)	249(1; *)	256(9; 0.5)	257(8; 0.5)
258(1; *)	282(1; 0.5)	299(24; 0.9)	300(34; 0.9)	301(2; *)
306(140; 1.8)	309(1; *)	311(28; 1.4)	313(8; *)	314(7; *)
315(4; *)	317(1; *)	320(4; *)	322(7; *)	325(2; *)
326(1; *)	358(23; 0.9)	361(6; *)	362(1; *)	363(3; *)
364(21; 0.5)	365(20; 0.5)	366(19; 0.5)	367(3; *)	368(12; *)
369(9; *)	370(3; *)	371(21; 0.5)	372(23; 0.5)	373(18; 0.5)
374(189; 9.5)	375(111; 2.7)	376(1; *)	379(20; *)	383(1; *)
384(13; *)	385(1; *)	386(1634; 15.9)	387(281; 3.2)	388(1203; 10.0)
389(42; 5.0)	390(23; 1.8)	391(12; 1.8)	392(16; 3.2)	393(17; 2.3)
394(10; 1.8)	395(5; *)	396(14; 2.3)	397(2; *)	399(122; 10.9)
400(213; 12.7)	401(56; 4.1)	402(113; 7.7)	403(36; 6.8)	405(6; 0.9)
429(3; 0.5)	430(17; 3.2)	431(1; *)	433(16; 4.1)	434(20; 5.4)
435(1; *)	436(377; 82.6)	437(3; 0.5)	438(4; 0.5)	440(6; 0.9)
443(4; 1.4)	445(3; 0.9)	447(1; 0.5)	455(2; 0.9)	459(13; 1.4)
463(1; *)	466(1; *)	471(1; *)	472(1; *)	473(1; *)
483(2; 0.5)	484(4; 0.5)	485(1; *)	486(3; 0.9)	487(2; 0.5)
488(1; *)	490(1; *)	493(17; 0.9)	494(2; *)	496(4; *)
497(1; *)	500(10; *)	501(1; 0.5)	509(18; 1.8)	510(3; 0.5)
511(13; 1.4)	515(1; *)	518(22; 1.4)	519(2; *)	522(1; *)
524(3; 0.5)	527(2; 0.5)	528(1; *)	529(1; 0.5)	542(15; 4.1)
543(18; 3.2)	544(1; *)	546(35; 2.7)	547(1; *)	556(10; *)
557(3; *)	558(3; *)	559(1; *)	560(2; *)	561(2; *)
564(6; *)	565(15; 0.9)	566(22; 1.4)	567(16; 0.9)	568(64; 4.5)
569(135; 13.6)	570(28; 1.8)	571(29; 4.1)	577(312; 23.6)	578(207; 17.2)
579(17; 0.9)	580(15; 1.8)	581(1; *)	583(2; 0.5)	589(4; 0.9)
590(24; 4.5)	591(1; *)	592(30; 1.8)	593(19; 2.3)	594(21; 3.6)

Table 3.--Continued

Alosa pseudoharengus--Cont.

598(1; *)	606(2; *)	608(6; 0.9)	615(1; *)	616(1; *)
618(1; *)	624(1; *)	625(1; *)	626(4; 0.5)	627(9; 1.4)
638(8; 0.9)	640(2; *)	641(2; *)	650(21; 1.8)	655(19; 1.4)
694(10; 1.8)				

Alosa sapidissima, American shad

2(1; *)	16(7; *)	17(6; 0.5)	28(1; *)	29(3; *)
53(16; 0.5)	54(4; 3.6)	256(1; *)	299(6; *)	300(6; *)
301(24; 0.5)	302(1; *)	306(10; *)	309(7; *)	310(3; *)
312(1; *)	314(2; *)	315(1; *)	316(1; *)	318(10; *)
319(23; *)	320(70; 1.8)	358(5; *)	359(2; *)	361(5; *)
363(15; *)	364(25; 0.5)	365(50; 0.5)	366(80; 0.9)	367(6; *)
368(6; *)	369(13; *)	371(4; *)	372(7; *)	373(2; *)
374(56; 0.9)	375(12; *)	379(1; *)	386(48; 0.9)	387(33; 0.5)
388(117; 1.4)	390(10; *)	393(3; *)	396(2; *)	399(3; 0.9)
400(3; 0.5)	401(5; 0.5)	402(3; *)	426(1; *)	436(11; 7.7)
440(7; 1.8)	511(2; *)	542(3; 1.8)	553(2; *)	554(1; *)
555(2; *)	556(8; *)	557(1; *)	558(2; *)	559(6; *)
560(1; *)	564(2; *)	566(2; *)	567(1; 0.5)	568(1; *)
570(4; 0.5)	571(1; *)	577(5; 0.5)	580(4; 0.5)	588(1; 0.5)
589(8; 0.9)	590(7; 0.9)	591(1; 0.9)	592(31; 0.9)	593(1; *)
611(3; 0.9)	612(1; 0.5)	619(1; 0.5)	625(1; *)	626(4; *)
638(6; 0.5)	641(1; *)	642(1; *)	650(1; *)	655(7; *)
694(1; 0.9)				

Brevoortia tyrannus, Atlantic menhaden

2(1; *)	3(1; *)	8(2; *)	9(4; 0.5)	10(1; *)
14(2; 0.5)	16(4; 0.5)	17(36; 7.3)	18(2; 0.5)	69(1; *)
237(2; *)	250(1; *)	256(15; 0.5)	258(1; *)	299(4; 0.9)
300(6; 0.5)	301(1; 0.5)	311(2; 0.5)	313(3; 0.5)	314(1; *)
315(3; *)	318(11; 3.2)	319(1; *)	320(2; *)	322(3; 0.9)
363(2; *)	364(1; *)	366(7; *)	369(2; *)	371(1; *)
372(5; 0.5)	373(1; *)	374(246; 1.4)	375(15; 0.5)	379(4; *)
381(1; *)	382(2; *)	386(27; 0.5)	387(2; *)	497(1; *)
549(4; 0.9)	550(1; *)	554(2; *)	555(1; *)	556(1; *)
628(1; *)	629(4; 0.9)	630(1; 1.4)	631(7; 0.9)	632(1; *)
633(2; *)				

Clupea harengus harengus, Atlantic herring

7(1; *)	14(4; 0.5)	17(70; 19.1)	358(5; 1.4)	359(3; 0.9)
362(3; 0.9)	364(10; 3.2)	365(1; 0.5)	366(3; 0.9)	369(1; 0.5)
370(1; 0.5)	371(1; 0.5)	373(2; 0.5)	374(2; 0.5)	375(24; 6.4)
376(2; 0.5)	377(1; 0.5)	379(1; *)	381(6; 1.4)	383(9; 2.7)
385(2; *)	387(8; 1.8)	388(15; 3.6)	399(2; 0.5)	400(4; 0.9)
401(1; *)	403(2; *)	461(1; *)	476(1; 0.5)	491(3; 0.9)
492(1; *)	493(1; 0.5)	495(1; *)	500(2; 0.5)	506(3; 0.5)
507(1; *)	509(3; 0.5)	513(5; 0.9)	518(2; 0.5)	546(1; *)
554(5; 0.9)	555(1; *)	568(1; *)	569(4; 1.4)	571(1; 0.5)
572(1; 0.5)	574(3; 0.5)	575(6; 1.4)	576(6; 1.8)	577(4; 0.9)
578(19; 5.0)	581(6; 1.8)	582(2; 0.5)	583(2; 0.5)	584(4; 1.4)
585(5; 1.4)	587(8; 2.3)	588(4; 0.9)	590(3; *)	591(3; 0.9)
599(2; 0.5)	618(4; 1.4)	619(2; 0.5)	631(1; *)	

Table 3.--Continued

Etrumeus teres, round herring

84(1; *)	109(7; *)	111(11; *)	120(6; *)	137(2; *)
139(1484; 25.4)	140(140; 2.3)	142(1; *)	147(612; 10.9)	148(29; 0.5)
150(2070; 20.9)	151(23; 0.5)	169(33; 0.9)	171(1; *)	172(1; *)
176(644; 25.4)	181(3; *)	197(76; 1.4)	198(1682; 13.2)	199(204; 19.5)
209(1995; 25.9)	210(81; 1.4)	211(28; 0.5)	215(4; *)	216(2; *)
228(1060; 24.0)	229(1; *)	259(98; 1.8)	268(1; *)	269(12; *)
270(2187; 36.7)	276(2; *)	278(31; 0.5)	279(26; *)	297(2; *)
298(8; *)	324(1; *)	329(13; *)	357(1; *)	

ENGRAULIDAE

Anchoa hepsetus, striped anchovy

136(1; *)	322(3; *)	332(2; *)	333(10; *)	390(2; *)	566(2; *)
580(92; 0.5)					

Anchoa mitchilli, bay anchovy

9(1; *)	11(1; *)	14(1; *)	16(104; 0.5)
17(2080; 9.1)	18(1152; 6.8)	61(792; 2.3)	67(1; *)
68(1; *)	73(2; *)	74(1; *)	75(7; *)
77(2; *)	78(164; 0.9)	79(840; 3.2)	92(1; *)
123(2; *)	124(35; *)	126(31; *)	128(67; 0.5)
130(17; *)	131(13; *)	133(1; *)	136(98; 0.5)
150(1; *)	182(152; 0.9)	183(29; *)	184(592; 2.3)
186(1; *)	187(192; 1.4)	188(980; 6.4)	189(1428; 4.1)
190(228; 1.4)	191(17; *)	192(144; *)	193(44; *)
194(1768; 7.7)	214(2; *)	215(10920; 33.6)	232(1; *)
239(4680; 1.4)	256(2046; 10.0)	258(15364; 20.9)	272(136; *)
273(184; *)	275(3; *)	298(5088; 10.9)	300(8; *)
302(26; *)	303(4; *)	307(1; *)	308(8; *)
309(22; *)	310(28; *)	313(4; *)	314(31; *)
315(20; *)	316(4; *)	317(2; *)	318(30; 0.5)
319(30; 0.5)	320(208; 0.5)	323(1; *)	325(3; *)
326(3; *)	358(1; *)	499(1; *)	570(890; 9.1)
581(9; *)	639(1; *)	641(1; *)	689(15; *)
700(1; *)			

Engraulis eurystole, silver anchovy

125(2; *)	140(4; *)	147(369; 5.0)	148(1; *)
150(555; 6.8)	151(6; *)	195(152; 0.5)	196(30307; 41.7)
198(396; 4.1)	209(27; 0.5)	210(7752; 30.8)	211(5; *)
212(768; 1.8)	214(3; *)	237(312; 1.4)	238(504; 1.4)
240(280; *)	241(12; *)	245(480; *)	246(2; *)
247(16; *)	248(23; *)	249(50; *)	250(3; *)
251(64; *)	252(20; *)	253(10; *)	257(5200; 11.3)
259(2; *)	260(3; *)	270(344; 3.6)	565(1; *)
568(788; 2.3)			

ARGENTINIDAE

Argentina silus, Atlantic argentine

36(1; *)	162(116; 0.9)	347(7; *)	348(9; *)	532(1; *)
538(1; *)	539(4; *)	604(7; *)	605(4; *)	613(3; *)
676(4; *)	677(1; *)			

Table 3.--Continued

GONOSTOMATIDAE

Gonostoma elongatum, longtooth anglemouth (See: Leim and Scott 1966)

99(13; *) 289(2; *) 420(2; *) 458(2; *)

Maurolicus muelleri, Muller's pearlsides (See: Leim and Scott 1966)

163(2; *) 449(9; *) 538(1; *) 605(20; *)

CHAULIODONTIDAE

Chauliodus sloani, viperfish (See: Leim and Scott 1966)

99(1; *)

SYNODONTIDAE

Synodus foetens, inshore lizardfish

199(1; *) 208(3; *) 209(1; *) 215(4; *) 232(3; *) 238(1; *)

278(1; *) 294(1; *) 298(2; *) 329(1; *) 335(1; *) 352(1; *)

357(1; *)

Synodus sp.

268(1; *) 269(1; *) 275(1; *)

Trachinocephalus myops, snakefish

199(3; *) 212(8; *) 261(7; *) 262(2; *) 270(3; *) 272(1; *)

273(1; *)

CHLOROPHTHALMIDAE

Chlorophthalmus agassizi, shortnose greeneye

36(7; *) 39(3; *) 99(2; *) 163(7; *) 164(33; 0.5)

218(31; *) 221(126; 0.9) 286(2; *) 289(2; *) 420(7; *)

441(1; *) 449(1; *) 458(3; *) 531(9; *) 538(6; *)

539(1; *) 604(1; *) 605(3; *) 611(13; *) 669(1; *)

676(2; *) 677(7; *)

MYCTOPHIDAE

Myctophid, unidentifiable to genus

35(2; *) 36(1; *) 39(21; *) 99(2; *) 164(42; *)

218(152; 0.5) 221(128; *) 344(4; 0.5) 347(12; *) 420(4; *)

440(23; *) 441(10; *) 450(11; *) 451(20; *) 531(1; *)

537(1; *) 539(1; *) 613(1; *)

STERNOPTYCHIDAE

Argyrops leucurus, Atlantic silver hatchfish (See: Leim and Scott 1966)

39(4; *) 100(4; *) 221(1; *) 289(3; *) 441(1; *) 458(1; *)

LOPHIDAE

Lophius americanus, goosefish

19(3; 23.1) 20(1; 3.2) 21(1; 2.7) 22(2; 7.7) 23(2; 5.4)

27(1; 10.0) 28(3; 24.5) 29(2; 12.7) 30(1; 1.8) 31(1; 12.2)

32(2; 1.8) 34(1; 0.9) 38(1; 6.4) 39(3; 8.2) 47(1; 3.6)

48(2; 11.8) 50(2; 11.3) 54(3; 14.5) 56(3; 8.6) 57(1; 0.5)

58(1; 3.6) 59(2; 0.9) 60(1; 0.5) 86(4; 4.1) 87(6; 15.0)

94(3; 4.1) 95(1; 12.7) 96(1; 0.9) 99(12; 28.1) 100(3; 4.1)

101(2; 2.3) 102(1; 8.2) 104(2; 1.8) 105(5; 1.4) 107(1; 1.4)

112(1; 7.7) 114(1; 5.0) 115(3; 2.3) 116(2; 9.1) 117(1; 0.5)

Table 3.--Continued

Lophius americanus--Cont.

152(18; 36.3)	153(16; 27.2)	154(1; 1.4)	155(2; 1.8)	157(1; 5.0)
158(2; 0.9)	160(11; 36.7)	161(2; 7.7)	162(6; 20.0)	163(2; 0.9)
164(9; 0.5)	165(1; 3.6)	166(1; 1.8)	167(6; 5.4)	175(1; *)
178(1; 0.5)	210(1; 13.6)	215(1; 6.4)	217(8; 20.0)	218(1; 7.7)
219(1; 5.0)	220(2; 4.5)	221(8; 9.5)	222(1; 1.8)	223(3; 2.3)
224(7; 17.7)	225(4; 7.3)	226(6; 15.0)	227(1; 2.3)	228(16; 25.9)
231(1; 9.5)	259(1; 8.2)	260(2; 19.1)	261(1; *)	262(2; 23.1)
265(1; 7.3)	266(1; 4.1)	271(1; 14.5)	272(1; 11.8)	273(1; 4.5)
274(2; 18.6)	277(2; 19.1)	278(2; 16.3)	279(3; 25.4)	280(5; 4.1)
281(4; 10.4)	282(1; 1.8)	283(2; 6.8)	285(5; 13.2)	286(17; 29.0)
287(1; 5.0)	288(2; 2.3)	289(8; 5.9)	290(7; 2.7)	291(4; 6.8)
292(6; 17.7)	294(1; 7.7)	296(2; 1.4)	298(2; 16.3)	318(1; 10.4)
322(2; 21.8)	323(3; 34.9)	325(2; 21.3)	326(5; 30.4)	327(7; 76.7)
329(1; 7.7)	330(2; 15.9)	331(6; 38.1)	332(12; 100.2)	333(32; 243.6)
334(3; 14.5)	336(4; 15.0)	337(6; 8.6)	338(27; 39.5)	339(12; 22.7)
340(25; 44.9)	342(3; 9.5)	343(46; 50.8)	344(4; 5.0)	346(18; 24.5)
347(1; 0.5)	348(1; 0.9)	349(1; *)	350(1; *)	353(2; 10.9)
354(2; 29.0)	391(1; 14.1)	392(3; 31.3)	393(1; 0.9)	394(2; 8.6)
395(1; 1.4)	396(4; 9.1)	397(2; 13.6)	398(4; 13.2)	401(1; 12.2)
402(1; 9.1)	403(1; 10.9)	404(1; 4.5)	405(3; 18.1)	407(3; 5.0)
408(2; 7.7)	410(4; 8.2)	411(8; 5.9)	413(2; 2.3)	414(5; 9.5)
415(3; 7.3)	416(8; 15.4)	417(4; 9.5)	420(9; 6.8)	421(1; 0.9)
422(8; 10.4)	424(20; 37.6)	425(2; 2.7)	427(2; 11.8)	428(2; 13.2)
430(1; 9.1)	432(1; 6.8)	433(3; 9.5)	434(1; *)	437(8; 19.5)
440(2; 2.7)	441(2; 18.1)	442(5; 14.1)	443(1; 3.2)	444(1; 1.4)
445(2; 4.1)	446(3; 2.7)	447(4; 5.4)	448(1; 0.9)	450(1; 1.4)
452(1; 1.8)	453(1; 1.8)	455(2; 3.6)	458(10; 10.9)	467(1; 10.9)
478(1; 6.8)	504(2; 30.4)	505(1; 5.0)	507(1; *)	510(1; 9.1)
512(1; 3.2)	522(1; 5.9)	525(1; 2.7)	528(3; 3.2)	529(2; 3.6)
531(2; 6.4)	532(1; 2.3)	533(3; 4.5)	534(4; 5.4)	535(2; 3.2)
537(4; 11.3)	538(3; 18.1)	540(1; 1.4)	542(3; 4.5)	545(4; 15.4)
546(1; 1.8)	568(4; 31.8)	569(3; 24.0)	570(2; 6.4)	571(5; 26.3)
572(2; 10.9)	574(2; 6.4)	575(2; 1.4)	576(7; 18.1)	577(5; 48.1)
578(4; 30.8)	579(1; 10.4)	580(1; 10.9)	581(2; 15.4)	582(1; 3.2)
583(2; 1.8)	584(2; 16.8)	585(2; 9.5)	586(2; 4.5)	587(1; 1.4)
588(2; 19.5)	589(9; 100.7)	590(1; 14.1)	592(4; 44.9)	593(1; 8.6)
594(1; 11.3)	595(3; 4.5)	596(1; 0.9)	597(3; 6.8)	598(2; 5.0)
599(1; 2.3)	601(6; 23.6)	602(1; *)	603(10; 11.8)	604(4; 21.3)
605(5; 27.2)	606(3; 6.4)	607(1; 2.3)	608(4; 3.6)	609(6; 7.7)
611(1; 4.1)	612(8; 37.6)	613(1; *)	615(5; 10.4)	616(5; 8.2)
617(1; 3.2)	618(2; 2.7)	619(2; 2.3)	621(1; *)	622(1; 9.5)
623(4; 24.0)	624(1; 13.6)	625(2; 20.0)	626(2; 18.6)	638(1; 5.4)
640(1; 5.4)	641(4; 13.6)	642(1; 8.2)	643(7; 21.8)	644(2; 11.3)
645(3; 13.2)	646(3; 16.8)	647(2; 5.9)	648(2; 7.7)	649(2; 15.4)
650(6; 42.2)	651(5; 22.7)	652(5; 20.4)	653(2; 12.7)	654(1; 11.3)
655(2; 18.1)	657(3; 9.5)	658(1; 10.0)	659(1; 0.9)	660(2; 2.7)
661(2; 0.9)	662(1; *)	663(1; 0.5)	666(10; 26.8)	667(4; 8.6)
668(5; 8.6)	669(2; 5.4)	670(1; 10.0)	671(2; 1.8)	672(3; 1.4)
673(13; 33.6)	674(6; 13.2)	675(1; 4.1)	676(1; 0.5)	678(3; 6.4)
679(4; 11.3)	680(5; 10.4)	681(2; 2.7)	682(2; 13.6)	683(2; 14.1)
684(2; 10.0)	685(4; 20.4)	688(2; 8.2)	689(3; 18.6)	690(1; 5.0)
691(2; 8.6)	692(18; 2.7)	693(5; 35.4)	694(4; 34.0)	695(1; 7.3)
696(2; 10.4)	697(1; 5.4)	698(1; 7.7)	699(2; 8.2)	700(1; 15.4)

Table 3.--Continued

OGCOCEPHALIDAE

Dibranchius atlanticus, Atlantic batfish (See: Leim and Scott 1966)

99(7; *)	101(2; *)	164(4; *)	289(1; *)	290(1; *)	420(2; *)
458(1; *)	612(2; *)				

GADIDAE

Enchelyopus cimbrius, fourbeard rockling

36(1; *)	163(2; *)	164(2; *)	175(1; *)	179(1; *)	228(1; *)
289(1; *)	296(9; 0.5)	346(1; *)	576(4; 0.5)	612(2; *)	667(1; *)
693(1; *)					

Gadus morhua, Atlantic cod

324(3; 18.1)	327(2; 11.3)	330(1; 1.8)	331(2; 7.3)	334(1; 3.6)
337(1; 9.5)	341(5; 17.7)	352(7; 30.8)	353(2; 7.3)	354(2; 5.4)
356(5; 13.6)	390(2; 4.5)	391(3; 8.2)	392(8; 19.1)	393(4; 11.8)
394(2; 5.4)	395(2; 5.9)	396(7; 22.2)	397(9; 32.2)	398(3; 14.5)
399(1; 2.7)	400(1; 2.3)	401(9; 34.5)	402(9; 27.7)	403(6; 20.4)
404(3; 10.9)	405(4; 14.1)	406(1; 4.5)	425(1; 4.5)	426(1; 3.6)
427(2; 8.2)	430(3; 10.9)	431(3; 10.0)	432(2; 5.0)	433(2; 5.4)
434(5; 14.1)	435(1; 2.7)	436(1; 3.6)	437(1; 11.8)	443(1; 15.0)
445(1; 4.1)	446(2; 5.9)	459(2; 8.2)	460(4; 14.5)	461(1; 5.4)
462(2; 7.3)	463(1; 5.0)	464(2; 5.4)	474(3; 18.1)	475(1; 4.5)
476(1; 5.9)	477(1; 5.4)	479(4; 14.1)	480(3; 8.6)	481(1; 2.3)
482(1; 2.3)	484(13; 41.3)	485(1; 3.2)	502(4; 10.0)	503(1; 2.3)
504(1; 2.3)	506(4; 8.2)	507(1; 2.3)	508(4; 10.0)	510(4; 20.4)
511(2; 7.7)	512(8; 18.1)	515(39; 9.5)	519(1; 5.9)	521(2; 8.6)
522(1; 6.8)	525(4; 24.9)	527(1; 5.4)	546(4; 6.4)	572(2; 5.9)
585(1; 2.3)	586(1; 3.6)	587(10; *)	588(2; 5.0)	591(1; 6.8)
594(2; *)	595(1; 6.4)	598(1; *)	600(2; 10.0)	602(1; 4.5)
616(1; *)	623(1; 5.4)	652(2; *)	654(1; *)	655(1; 1.8)
659(2; *)	660(2; *)	661(2; *)	665(2; *)	687(2; *)

Melanogrammus aeglefinus, haddock

98(1; *)	591(1; *)
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Merluccius albidus, offshore hake (See: Leim and Scott 1966)

36(2; *)	39(2; 0.5)	99(58; 23.6)	100(17; 2.3)	103(1; *)
163(81; 10.4)	164(85; 12.2)	167(42; 1.8)	218(14; 2.3)	219(32; *)
221(70; 10.9)	286(157; 39.5)	288(4; 0.9)	289(58; 10.9)	344(91; 23.1)
346(8; 3.2)	347(13; 0.9)	412(17; 2.7)	420(37; 10.0)	441(5; 4.1)
450(4; 0.9)	451(4; 0.9)	458(7; 1.4)	531(29; 12.2)	537(14; 3.2)
538(9; 2.7)	571(2; 0.9)	605(14; 5.0)	611(300; 53.1)	612(99; 39.9)
613(1; *)	669(22; 8.2)	672(1; 1.4)	676(9; 1.4)	677(1; *)

Merluccius bilinearis, silver hake

17(69; 3.2)	19(576; 12.2)	20(462; 9.5)	21(280; 6.4)
22(4; *)	24(25; 0.5)	28(397; 5.0)	29(754; 15.9)
30(2; 0.5)	31(7; 1.4)	32(8; 3.2)	34(2; 0.9)
36(2; *)	37(5; 0.9)	39(6; 1.4)	41(7; 1.8)
42(5; 0.5)	43(5; *)	44(6; *)	45(43; 0.5)
46(68; 1.4)	47(4; *)	48(79; 0.9)	49(19; 0.9)
50(2; *)	51(9; *)	52(41; 1.4)	53(76; 1.4)
54(15; 1.4)	55(14; *)	57(3; *)	58(30; 0.5)
59(4; 0.5)	60(17; 0.5)	80(11; 0.5)	83(2; *)

Table 3.--Continued

Merluccius bilinearis--Cont.

84(2; *)	87(16; 5.4)	90(3; *)	92(1; *)
93(1; *)	94(24; 3.6)	95(7; 0.5)	96(5; 0.5)
97(1; *)	98(11; 1.4)	104(2; 0.5)	105(5; 0.9)
106(3; *)	107(27; 1.4)	109(1; *)	111(1; *)
112(132; 6.4)	115(15; 0.9)	116(8; 0.5)	118(1; *)
119(11; 0.5)	120(14; 0.5)	141(9; *)	142(19; *)
143(1; *)	144(12; *)	145(10; *)	149(2; *)
150(1; *)	152(6; 0.5)	153(6; 0.5)	155(4; *)
157(31; 1.4)	158(4; 0.9)	159(2; 0.5)	160(19; 1.4)
161(16; *)	162(25; *)	166(1; 0.5)	168(2; *)
174(7; 0.5)	175(468; 20.4)	176(2; *)	178(2; *)
179(37; 1.4)	180(16; *)	197(2; *)	198(2; *)
200(2; *)	201(23; *)	202(15; *)	203(6; *)
204(27; *)	206(35; *)	207(1; *)	208(4; *)
209(98; 0.5)	210(1; *)	212(608; 1.8)	214(10; *)
215(243; 2.3)	216(1; *)	217(10; *)	223(3; 0.5)
224(7; 1.4)	225(5; *)	226(4; 0.9)	227(3; *)
228(1907; 110.7)	229(11; 0.5)	230(1; *)	232(1; *)
233(1; *)	234(33; 0.5)	259(44; 1.8)	260(219; 1.4)
261(21; *)	262(51; 0.5)	263(98; *)	264(21; *)
265(16; *)	266(2; *)	270(13; *)	271(52; *)
272(234; 1.4)	273(112; *)	274(184; *)	275(11; *)
276(6; *)	277(68; *)	278(3; *)	279(4; *)
280(4; 0.9)	281(1; *)	282(10; 1.4)	283(8; 1.8)
284(5; 0.5)	285(5; 0.5)	290(17; 0.9)	292(7; 3.2)
293(6; *)	294(3; *)	295(1; *)	296(8; 2.3)
297(2; *)	298(5; *)	299(14; *)	300(10; *)
301(2; *)	303(1; *)	305(2; *)	306(46; *)
308(8; *)	310(1; *)	311(1; *)	312(3; *)
316(10; *)	317(1; *)	318(27; *)	319(41; *)
320(5; *)	321(299; 1.4)	322(148; 1.8)	323(85; 1.4)
324(28; 0.9)	325(270; 2.3)	326(37; *)	327(58; 0.5)
329(11; 2.3)	330(130; 17.2)	331(257; 4.1)	332(28; 0.5)
333(29; 2.7)	334(28; 0.9)	335(2; 1.8)	337(1; *)
338(3; 0.5)	340(4; 0.9)	341(3; 0.9)	342(2; *)
349(2; 0.5)	350(1; *)	352(8; 1.4)	353(4; 0.9)
354(3; *)	356(5; 0.5)	359(1; *)	361(9; 0.5)
362(1; *)	371(2; *)	374(5; *)	379(1; *)
383(1; *)	386(15; 0.5)	387(28; *)	388(3; *)
389(34; 7.7)	390(34; 6.8)	391(58; 10.0)	392(80; 5.4)
393(77; 3.2)	394(99; 7.7)	395(55; 6.4)	396(95; 10.4)
397(42; 4.1)	398(71; 5.0)	399(136; 18.1)	400(125; 14.1)
401(198; 21.3)	402(138; 5.4)	403(72; 2.7)	404(79; 14.5)
405(42; 3.2)	406(182; 5.0)	407(4; 0.9)	408(1; 0.5)
409(9; 1.8)	410(15; 2.7)	411(6; 1.4)	413(18; 5.4)
414(7; 1.4)	415(36; 12.7)	416(18; 5.0)	417(17; 2.7)
420(3; *)	421(6; 1.8)	422(31; 7.3)	423(5; 2.3)
424(71; 19.1)	426(22; 3.2)	427(91; 3.6)	428(33; 3.6)
429(30; 4.5)	430(72; 10.0)	431(59; 8.6)	432(46; 12.7)
433(134; 10.0)	434(113; 11.3)	435(101; 13.2)	436(43; 14.5)
437(91; 19.5)	438(37; 9.5)	439(11; 2.7)	440(122; 29.5)
441(110; 29.5)	442(108; 20.0)	443(159; 15.0)	444(51; 7.7)
445(303; 54.9)	446(13; 1.8)	447(33; 10.9)	448(56; 14.1)
449(2; 0.5)	450(6; 1.4)	451(1; *)	452(85; 19.1)

Table 3.--Continued

Merluccius bilinearis--Cont.

453(79; 16.3)	454(277; 43.5)	455(177; 41.7)	456(100; 24.5)
457(33; 12.7)	458(9; 3.6)	459(44; 10.0)	460(127; 25.9)
461(5; 0.9)	462(1; *)	463(17; 2.3)	464(6; 2.7)
465(4; 0.5)	466(13; 3.6)	467(12; 2.3)	470(24; 6.4)
471(34; 10.0)	472(1; *)	473(6; 0.9)	474(16; 3.6)
475(6; 1.4)	476(2; 0.5)	477(3; 0.5)	478(1; *)
479(16; 2.3)	480(5; 2.7)	481(8; 0.9)	482(2; *)
483(5; *)	484(2; 0.5)	485(5; 0.9)	486(6; 1.8)
487(1; *)	488(1; *)	489(3; 0.9)	499(1; *)
501(26; 8.6)	502(21; 4.1)	503(43; 8.6)	504(37; 11.3)
505(19; 2.3)	506(17; 5.4)	507(13; 1.8)	508(7; 0.5)
509(2; 0.5)	510(1; *)	511(2; 0.9)	512(17; 0.5)
513(15; 2.3)	516(5; *)	517(2; 0.5)	518(7; 1.8)
519(1; 0.5)	521(17; 1.4)	522(55; 18.6)	523(7; 1.4)
524(3; 0.5)	525(3; 4.1)	526(2; 1.4)	527(36; 8.2)
528(8; 3.2)	529(4; 0.5)	530(2; 0.5)	531(26; 6.4)
533(2; 0.5)	534(1; *)	535(32; 18.1)	538(12; 2.3)
539(2; 0.5)	540(12; 3.2)	541(38; 8.2)	542(1; 1.8)
543(24; 6.4)	544(25; 7.7)	545(99; 34.9)	546(4; 0.9)
547(7; 7.7)	550(5; 1.4)	551(1; *)	555(1; *)
556(1; *)	557(6; 1.8)	558(33; 6.8)	559(4; *)
560(10; 2.7)	561(8; 2.3)	562(12; 3.2)	563(6; 2.3)
564(2; *)	565(7; 1.4)	566(17; 3.6)	567(121; 29.5)
568(14; 2.7)	569(28; 3.6)	570(187; 28.1)	571(93; 13.6)
572(16; 6.8)	573(7; 1.8)	574(6; 1.4)	575(5; 0.5)
576(14; 2.7)	577(10; 1.4)	578(16; 5.0)	579(29; 6.4)
580(41; 8.2)	581(328; 28.1)	582(169; 26.8)	583(168; 15.4)
584(31; 6.8)	585(21; 1.8)	586(4; 0.9)	587(12; 0.9)
588(53; 6.8)	589(153; 33.1)	590(190; 33.1)	591(24; 4.5)
592(59; 54.0)	593(334; 70.8)	594(175; 36.3)	595(58; 27.2)
596(6; 1.8)	597(10; 3.2)	598(10; 2.3)	599(16; 3.6)
600(37; 10.4)	601(21; 4.1)	602(16; 4.1)	603(23; 6.4)
604(13; 4.5)	605(81; 15.4)	606(6; 1.4)	607(5; 1.4)
608(16; 4.1)	609(17; 8.6)	610(21; 4.5)	613(6; 0.9)
614(7; 3.2)	615(21; 4.5)	616(36; 7.3)	618(8; 3.2)
619(35; 9.1)	620(10; 2.7)	621(34; 0.5)	622(36; 7.3)
623(11; 2.3)	624(3; 1.4)	625(23; 1.4)	626(69; 24.5)
627(3; 1.4)	638(2; *)	640(29; 0.5)	641(25; 1.8)
642(32; *)	643(2; *)	645(29; *)	646(5; *)
648(1; *)	649(36; 0.9)	650(26; *)	651(50; 0.9)
652(4; *)	653(179; 7.7)	654(6; 0.5)	655(23; 1.8)
656(5; 0.5)	657(3; 0.5)	659(21; 0.5)	660(2; *)
661(4; *)	663(5; 0.5)	664(5; 0.5)	665(5; 0.9)
666(2; 0.5)	667(4; 0.5)	668(4; 0.5)	669(5; 0.9)
670(4; 0.5)	671(30; 9.1)	672(16; 4.1)	673(5; 1.4)
674(9; 2.7)	675(1; 0.5)	678(6; 1.8)	679(12; 2.7)
680(11; 3.2)	681(8; 1.8)	682(5; 0.5)	683(3; *)
684(1; *)	685(62; 0.9)	686(26; 0.5)	687(59; 0.9)
688(14; *)	690(3; *)	691(10; 0.9)	692(18; 2.7)
693(22; 2.3)	694(57; 14.5)	695(3; *)	696(20; *)
697(7; *)	698(10; *)	699(11; 0.9)	700(2; *)

Microgadus tomcod, Atlantic tomcod

570(1; *)

Table 3.--Continued

Phycis chesteri, longfin hake

39(3; *)	99(4; 0.5)	163(19; *)	164(50; 1.4)	221(1; *)	286(52; 5.0)
346(1; *)	417(4; *)	537(56; 2.3)	612(79; 5.0)		

Physiculus fulvus, hakeling (See: Bigelow and Schroeder 1953)

163(2; *)	537(1; *)
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Pollachius virens, pollock

415(1; 0.9)	444(1; 13.2)	529(1; 13.2)	659(1; *)	660(1; *)	665(3; *)
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Urophycis chuss, red hake

14(1; *)	17(42; 2.3)	19(3; *)	21(5; *)	22(1; *)
28(2; *)	29(2; 0.5)	31(2; 0.5)	32(13; 4.1)	36(66; 5.4)
39(16; 4.5)	43(3; *)	44(3; *)	45(1; *)	46(3; *)
49(1; *)	54(7; 1.8)	58(13; 0.5)	59(2; 0.5)	60(11; *)
68(1; *)	71(1; *)	72(1; *)	77(2; *)	79(1; *)
80(1; *)	85(1; *)	87(180; 52.6)	90(7; *)	92(2; *)
93(20; *)	94(41; 6.4)	96(2; *)	99(128; 2.3)	100(13; 1.4)
104(19; 0.5)	105(756; 36.3)	106(4; 0.5)	107(64; 6.8)	111(6; *)
112(2; *)	113(2; *)	114(2; *)	117(5; *)	141(30; 1.4)
142(93; *)	143(6; *)	144(16; *)	145(72; *)	146(4; *)
150(2; *)	152(132; 14.5)	153(85; 9.5)	154(2; 0.5)	155(60; 8.6)
156(3; *)	157(7; 1.4)	159(4; *)	160(81; 7.7)	161(1; *)
163(42; 4.5)	164(5; 0.9)	167(176; 11.8)	168(4; *)	174(3; 0.5)
175(2; *)	176(34; *)	178(18; *)	179(35; *)	180(9; 0.5)
181(11; 0.9)	198(2; *)	199(1; *)	200(19; *)	201(2; *)
202(14; *)	203(3; *)	204(29; *)	205(2; *)	206(7; *)
211(2; *)	212(112; 0.5)	214(17; *)	215(9; *)	216(1; *)
217(1; *)	218(13; 0.9)	223(339; 37.6)	224(91; 6.4)	225(31; 5.0)
226(60; 5.0)	227(3; *)	228(141; 27.2)	229(4; 0.5)	233(20; *)
234(27; 0.5)	235(29; *)	236(10; *)	254(1; *)	260(18; *)
261(11; *)	262(42; *)	263(31; *)	264(13; *)	265(39; *)
266(4; *)	267(1; *)	268(1; *)	269(1; *)	270(1; *)
271(10; *)	272(65; 0.9)	273(74; 0.9)	274(20; *)	275(44; 0.5)
276(5; *)	277(25; *)	278(1; *)	279(1; *)	280(10; *)
281(20; *)	282(3; *)	283(1; *)	285(4; *)	289(15; 1.8)
292(1; *)	293(100; *)	294(11; *)	295(34; *)	296(18; 4.5)
299(1; *)	300(1; *)	302(2; *)	306(3; *)	310(1; *)
311(4; *)	318(4; *)	320(1; *)	321(30; *)	322(26; *)
323(34; *)	324(37; *)	325(163; 23.1)	326(1426; 20.9)	327(1482; 34.0)
329(1; *)	331(144; 2.7)	332(1038; 20.9)	333(1284; 27.2)	334(364; 9.5)
335(2; *)	336(1; 0.9)	338(15; 0.5)	339(5; *)	340(2; *)
341(7; *)	342(1; *)	344(96; 8.6)	346(362; 58.1)	347(5; 1.4)
348(45; *)	350(4; *)	351(1; *)	353(13; *)	354(7; 0.9)
356(23; 0.9)	357(2; 0.9)	361(8; *)	373(1; *)	375(1; *)
376(1; *)	386(6; 0.5)	387(7; *)	388(5; *)	389(61; 4.5)
390(35; *)	391(90; 3.2)	392(293; 2.3)	393(152; 1.4)	394(176; 3.6)
395(312; 3.6)	396(308; 10.0)	397(73; 0.5)	398(27; 0.5)	399(33; 1.8)
400(20; 0.5)	401(78; 1.4)	403(8; 0.5)	404(162; 1.4)	405(180; 3.2)
406(2; 0.9)	408(3; *)	409(1; 0.5)	410(51; 15.4)	412(1; 0.5)
413(8; 4.1)	414(10; 3.6)	415(68; 25.4)	416(22; 5.4)	417(6; 1.4)
420(56; 5.4)	422(64; 17.2)	424(348; 133.4)	426(7; *)	427(62; 0.5)
428(229; 15.4)	429(188; 12.7)	430(34; 0.9)	431(37; 3.2)	432(5; 1.8)
433(9; *)	434(1; 0.5)	435(33; 9.1)	436(12; 2.3)	437(141; 16.3)
438(54; 2.3)	439(47; 3.2)	440(5; 1.4)	441(135; 23.6)	442(31; 10.4)
443(1; *)	444(7; 3.2)	447(104; 27.7)	448(5; 2.3)	451(1; *)
452(32; 11.8)	453(29; 7.7)	454(1; 0.9)	455(18; 8.2)	456(10; 4.5)
458(34; 4.5)	459(4; *)	460(19; *)	461(110; 0.9)	462(48; 0.5)

Table 3.--Continued

Urophycis chuss--Cont.

463(47; 0.9)	464(19; *)	466(20; 1.4)	467(5; *)	470(27; 1.4)
471(12; 1.4)	473(1; *)	474(23; 2.7)	475(16; 1.4)	476(4; *)
477(22; 1.4)	478(12; *)	479(55; 0.9)	480(119; 1.4)	481(5; *)
482(2; *)	483(12; *)	484(33; 0.5)	485(1; *)	486(9; 0.5)
487(5; *)	489(1; *)	494(1; *)	501(85; 5.0)	502(50; 0.5)
503(116; 2.7)	504(105; 2.7)	505(93; 1.4)	506(12; *)	507(49; 0.5)
508(4; *)	509(2; *)	510(7; *)	511(42; 0.5)	512(7; *)
513(14; *)	515(38; 11.3)	517(20; 3.6)	518(31; 1.8)	521(58; 0.5)
522(102; 27.7)	523(52; 0.9)	525(11; 6.4)	526(3; 2.3)	528(7; 2.7)
529(3; 1.4)	530(3; 1.4)	531(8; 1.8)	534(2; 0.9)	535(60; 18.1)
540(2; 0.9)	541(11; 4.1)	542(7; 3.2)	543(4; 1.8)	544(40; 10.9)
545(7; 0.9)	546(5; *)	547(5; 1.8)	549(2; *)	550(3; *)
551(12; 1.4)	552(2; *)	555(4; *)	557(39; 1.8)	558(116; 7.7)
559(24; 0.9)	560(25; 1.8)	561(23; 5.0)	562(34; 5.4)	563(106; 13.2)
564(50; 5.0)	565(133; 9.1)	566(147; 9.1)	567(214; 25.4)	568(5; 1.4)
569(12; 0.5)	570(145; 31.3)	571(134; 20.9)	572(563; 7.7)	573(266; 8.2)
574(326; 5.4)	575(372; 37.6)	576(353; 23.1)	577(16; 0.9)	578(13; 4.5)
579(92; 9.5)	580(69; 12.2)	581(24; 1.4)	582(45; 4.1)	583(393; 8.6)
584(116; 3.2)	585(87; 1.8)	586(82; 9.5)	587(1; 0.9)	589(260; 27.7)
590(33; 0.5)	592(109; 15.4)	593(66; 8.6)	594(8; *)	595(97; 0.9)
596(14; *)	597(8; *)	599(1; *)	600(23; 0.5)	601(488; 184.2)
602(1; *)	603(125; 33.1)	604(6; 1.4)	605(18; 2.3)	608(6; 0.9)
609(6; 2.3)	613(30; 4.1)	614(4; 1.4)	615(48; 16.3)	616(56; 15.4)
618(2; 1.8)	619(308; 88.9)	620(4; 0.5)	621(113; 2.3)	622(83; 5.9)
623(66; 0.5)	624(13; *)	625(10; 0.5)	626(204; 50.8)	631(4; *)
636(21; *)	639(4; *)	640(12; *)	641(100; 3.6)	642(83; 2.3)
643(12; *)	644(5; *)	645(1; *)	649(2; *)	650(4; 0.5)
652(17; 0.5)	654(1; *)	656(5; *)	657(6; *)	658(23; 0.5)
659(10; *)	660(16; 0.5)	661(9; 1.8)	663(14; 0.9)	664(2; *)
665(5; 0.5)	666(41; 0.9)	667(17; 0.5)	668(5; 0.5)	669(33; 8.6)
671(91; 27.2)	672(145; 58.1)	673(79; 23.6)	674(224; 59.0)	679(140; 46.3)
680(33; 9.5)	681(15; 2.7)	684(1; *)	685(1; *)	686(7; 0.5)
687(41; 2.3)	688(36; 0.5)	689(39; 1.4)	690(3; *)	691(7; *)
692(106; 18.1)	693(41; 3.6)	694(66; 15.4)	695(7; 0.5)	696(4; *)
697(3; *)	698(5; *)	699(2; 0.5)	700(2; 0.9)	

Urophycis regius, spotted hake

9(2; *)	17(3; *)	19(1; *)	28(7; *)	34(7; 2.3)
37(5; 0.9)	43(3; *)	44(21; *)	45(35; *)	46(576; 1.8)
47(5; *)	53(1; *)	77(1; *)	80(12; 0.5)	82(1; *)
83(8; 0.5)	84(55; 1.4)	85(37; 1.4)	86(5; *)	87(31; 0.9)
90(3; *)	92(12; 0.5)	93(10; 0.5)	94(5; *)	96(1; 0.5)
97(7; 0.9)	100(8; 2.3)	103(12; 0.9)	104(4; 0.5)	106(2; 0.9)
107(3; *)	111(1; *)	112(7; 0.9)	113(2; *)	114(17; 0.5)
115(540; 24.5)	116(492; 16.3)	117(47; 1.8)	118(1; *)	119(3; *)
120(30; 0.9)	139(2; *)	141(24; 1.4)	142(20; 1.4)	143(22; 1.4)
144(12; 0.9)	145(2; *)	146(3; 0.5)	149(1; *)	150(2; *)
152(1; *)	153(2; 0.5)	154(1; *)	155(6; *)	156(1; *)
158(9; 0.9)	159(1; 0.5)	160(14; 1.8)	161(7; 1.4)	166(28; 2.7)
167(4; *)	168(33; 1.4)	172(1; *)	174(5; 0.5)	175(3; *)
176(5; 0.5)	177(20; 1.4)	178(55; 2.7)	179(113; 5.0)	180(46; 1.8)
181(1; *)	199(5; 0.5)	200(10; 0.9)	201(19; 1.4)	202(4; *)
203(2; *)	204(2; *)	211(2; *)	212(17; 1.8)	213(1; *)
214(1; *)	215(8; 1.4)	217(53; 5.0)	225(1; *)	227(37; 4.1)

Table 3.--Continued

Urophycis regius--Cont.

228(11; 0.9)	229(2; *)	230(1; *)	233(8; 0.5)	235(6; 0.5)
236(107; 8.6)	260(14; 1.4)	261(3; 0.5)	262(8; 0.9)	263(9; 1.4)
264(8; 0.9)	265(3; *)	266(1; 0.5)	268(2; *)	271(3; 0.5)
272(10; 1.8)	273(3; 0.5)	274(7; 0.9)	275(6; 0.5)	276(10; 1.4)
277(7; 0.9)	280(3; *)	281(3; 0.5)	285(1; *)	288(3; *)
289(2; *)	290(54; 5.4)	291(6; 0.5)	293(3; *)	294(173; 0.5)
295(10; 0.9)	296(2; *)	303(1; *)	306(14; *)	307(2; *)
308(1; *)	309(6; *)	310(4; *)	312(23; *)	314(1; *)
316(20; *)	318(2; *)	319(1; *)	320(3; *)	322(25; *)
323(17; *)	324(4; 0.9)	325(24; 14.1)	326(17; 5.0)	327(7; 1.8)
329(1; *)	330(2; *)	337(7; 1.4)	338(4; 0.5)	341(2; 0.5)
343(1; *)	344(4; 0.5)	346(5; 1.4)	347(13; 2.3)	348(1; *)
349(1; *)	353(5; 0.9)	354(6; *)	356(3; 0.5)	357(11; 1.4)
361(2; *)	386(7; 0.5)	387(4; *)	390(10; *)	392(1; *)
393(1; *)	394(1; *)	395(2; *)	410(3; 0.5)	413(2; 1.4)
415(1; *)	416(1; *)	421(1; 0.5)	422(3; 0.5)	426(3; *)
449(3; 0.9)	462(1; *)	474(1; *)	486(1; *)	492(1; *)
521(2; *)	533(5; 1.8)	539(1; 0.5)	556(18; *)	558(1; *)
559(2; *)	604(13; 3.2)	605(2; *)	609(1; *)	610(7; 2.3)
614(1; 0.5)	624(2; *)	625(5; *)	626(1; *)	628(1; *)
629(3; *)	631(1; *)	638(1; *)	639(12; *)	640(1; *)
645(1; *)	660(1; *)	670(5; 1.8)	671(1; 0.5)	675(2; 0.9)
678(13; 3.2)	685(4; *)	687(2; *)	688(1; *)	689(2; *)
690(4; *)	692(1; *)			

Urophycis tenuis, white hake

156(3; 0.5)	157(35; 3.6)	286(5; 3.2)	296(1; *)	326(2; 1.8)
336(3; 0.9)	346(150; 40.4)	410(2; 3.2)	413(1; 0.5)	414(2; 3.2)
415(1; 8.6)	420(3; 1.8)	424(2; 2.3)	429(3; 0.9)	441(5; 8.2)
442(6; 2.7)	453(1; *)	458(2; 9.5)	531(1; 0.5)	535(1; 0.9)
537(1; 0.9)	577(2; 0.9)	605(4; 12.2)	606(4; 2.7)	607(2; 0.9)
611(10; 3.2)	612(3; 3.6)	626(2; 0.9)	628(2; *)	629(33; *)
630(20; *)	631(1; *)	669(3; 1.8)	687(1; *)	

OPHIDIIDAE

Lepophidium cervinum, fawn cusk-eel

32(7; *)	33(11; *)	34(26; 0.5)	97(1; *)	98(4; *)
101(3; *)	104(4; *)	105(1; *)	158(1; *)	160(11; *)
161(90; 1.4)	162(124; 1.8)	167(5; *)	217(196; 3.2)	218(41; 0.9)
219(124; 0.9)	223(20; *)	274(1; *)	285(13; *)	290(5; *)
295(1; *)	322(1; *)	332(1; *)	338(4; *)	339(4; *)
340(18; 1.4)	343(2; *)	344(2; *)	347(6; *)	348(37; 0.5)
410(9; *)	416(2; *)	422(4; *)	449(27; 0.5)	450(32; 0.5)
451(8; *)	538(2; *)	540(1; *)	603(1; *)	605(3; *)
606(11; *)	607(3; *)	613(1; *)	615(5; *)	623(2; 0.5)
675(1; *)	689(1; *)			

Rissola marginata, striped cusk-eel

144(3; 0.5)	212(5; *)	215(1; *)	233(1; *)	272(4; *)	283(1; *)
293(1; *)	325(1; *)	327(1; *)	334(2; *)	393(1; *)	410(1; *)
428(1; *)	430(1; *)	474(1; *)	521(1; *)	570(1; *)	

Table 3.--Continued

ZOARCIDAE

Macrozoarces americanus, ocean pout

31(2; 0.9)	32(1; *)	51(1; 1.4)	57(1; 0.5)	58(1; *)
94(3; 0.5)	96(1; *)	105(4; 0.5)	107(25; 1.8)	112(6; 0.9)
152(5; *)	153(3; *)	154(1; *)	155(36; 4.1)	156(3; *)
157(7; 0.9)	158(1; *)	159(1; *)	167(4; *)	176(3; 0.5)
223(2; *)	224(5; 0.5)	225(2; *)	226(1; *)	227(2; *)
228(2; *)	229(53; 5.9)	230(1; *)	231(2; *)	236(1; 0.9)
281(2; *)	282(1; *)	291(1; *)	324(1; *)	336(7; 1.8)
337(2; *)	343(1; *)	389(2; 0.9)	391(1; *)	391(6; 1.8)
392(20; 6.8)	393(6; 3.2)	394(16; 5.4)	395(13; 6.8)	396(8; 5.0)
397(19; 12.7)	398(7; 7.3)	399(2; 1.4)	400(7; 6.4)	402(2; 1.4)
403(7; 5.0)	404(1; 0.9)	405(4; 4.5)	406(39; 30.8)	407(30; 17.2)
422(1; 0.5)	423(1; *)	427(5; 2.7)	429(2; 0.5)	430(3; 1.8)
431(6; 2.7)	433(1; 0.5)	434(4; 2.3)	435(45; 20.4)	436(15; 5.4)
437(51; 12.7)	438(4; 0.9)	439(5; 1.4)	443(6; 3.6)	444(1; *)
445(6; 5.0)	446(2; 2.3)	447(1; 0.5)	452(3; 2.3)	454(1; 0.5)
459(2; 1.4)	460(1; 0.5)	461(3; 0.5)	462(1; 0.9)	463(2; 1.8)
464(1; 0.5)	465(1; 0.5)	467(1; 0.5)	470(4; 1.8)	471(2; 1.4)
473(1; 0.5)	475(1; 0.5)	478(1; *)	479(8; 3.2)	480(1; 0.5)
483(2; 3.2)	484(1; 0.5)	485(1; 1.8)	501(34; 13.2)	502(6; 3.2)
503(1; 0.5)	504(1; *)	505(1; 0.5)	506(19; 16.3)	507(4; 4.5)
508(20; 25.9)	509(12; 13.2)	510(5; 5.4)	511(6; 5.0)	512(7; 10.9)
513(6; 6.4)	516(31; 32.2)	517(3; 1.4)	518(2; 0.9)	519(4; 2.7)
520(4; 2.3)	521(1; 0.5)	522(3; *)	523(1; *)	524(2; 2.3)
525(2; 2.3)	529(2; 1.8)	535(3; 1.8)	543(4; 4.1)	544(47; 8.6)
546(6; 4.1)	568(1; 0.5)	570(2; 0.5)	571(29; 14.5)	572(4; 2.7)
573(7; 2.7)	574(5; 2.7)	575(15; 10.9)	576(10; 4.1)	577(70; 52.6)
578(20; 17.7)	579(28; 12.2)	580(6; 2.3)	581(4; 1.8)	582(4; 2.7)
585(14; 11.3)	586(6; 5.9)	587(8; 7.3)	588(2; 1.4)	590(1; 1.8)
591(2; 1.4)	593(1; 0.9)	594(8; 7.3)	595(16; 16.8)	596(18; 17.2)
597(11; 8.2)	598(43; 37.2)	599(10; 9.1)	600(14; 14.1)	601(94; 50.8)
602(3; 1.4)	603(30; 15.9)	607(1; 0.9)	608(4; 3.2)	609(1; 1.4)
615(3; 2.3)	616(9; 5.0)	618(3; 1.4)	619(27; 10.0)	620(20; 12.7)
621(3; 1.4)	622(1; 0.9)	623(3; 3.2)	627(8; 9.1)	640(1; *)
642(1; *)	647(1; *)	654(1; *)	658(3; 0.9)	659(2; 0.5)
660(3; 0.9)	661(2; *)	665(2; *)	666(1; *)	667(1; *)
668(5; 1.8)	673(1; 0.5)	674(1; 0.9)	681(2; 0.5)	687(1; 0.5)
692(23; 8.2)	693(6; 0.9)	694(13; 3.6)	695(2; *)	696(1; *)
697(1; *)	699(5; 1.8)			

Melanostigma atlanticum, Atlantic soft pout (See: Leim and Scott 1966)

221(4; *) 537(15; *) 538(1; *) 539(1; *)

MACROURIDAE

Coelorhynchus coelorhynchus carminatus, longnose grenadier (See: Marshall and Iwamoto 1973)

164(3; *) 221(12; *) 286(5; *) 357(2; *) 458(1; *) 612(11; *)

Ventrifossa occidentalis, American straptail grenadier (See: Marshall and Iwamoto 1973)

458(1; *)

Nezumia bairdi, marlin-spike

99(11; 0.9) 163(3; *) 164(8; 0.5) 286(6; *) 346(1; *) 417(25; 0.5)
537(16; 0.9) 611(13; 0.9) 612(3; *)

Table 3.--Continued

<i>Macrourus berglax</i> , roughhead grenadier (See: Marshall and Iwamoto 1973)					
538(2; *)	612(14; *)	670(1; *)			
<i>Trachyhynchus murrayi</i> , roughnose grenadier (See Leim and Scott 1966)					
670(1; *)					
Macrourid, unidentifiable to genus					
289(3; *)	346(3; *)	531(6; *)	605(1; *)	669(3; 0.5)	
EXOCOETIDAE					
<i>Hyporhamphus unifasciatus</i> , halfbeak					
226(1; *)	340(1; *)				
ATHERINIDAE					
<i>Menidia menidia</i> , Atlantic silverside					
240(1; *)	250(6; *)	254(2; *)	256(1; *)	299(1; *)	
301(24; *)	302(2; *)	303(7; *)	306(5; *)	307(1; *)	
308(3; *)	309(2; *)	310(1; *)	312(1; *)	314(1; *)	
316(1; *)	318(16; *)	319(7; *)	320(320; 1.8)	321(2; *)	
325(1; *)	362(1; *)	364(3; *)	366(3; *)	387(2; *)	
390(10; *)	391(8; *)	399(1; *)	402(7; *)	403(19; *)	
474(1; *)	484(1; *)	509(2; *)	512(1; *)	517(1; *)	
518(3; *)	519(3; *)	546(1; *)	549(1; *)	550(1; *)	
553(28; *)	554(6; *)	555(12; *)	556(14; *)	560(1; *)	
561(5; *)	562(1; *)	564(5; *)	628(78; *)	629(2; *)	
633(12; *)	634(2; *)	635(9; *)	636(12; *)		
POLYMIXIIDAE					
<i>Polymixia lowei</i> , beardfish					
164(1; *)	218(1; *)	344(4; *)	539(1; *)	677(1; *)	
GASTEROSTEIDAE					
<i>Gasterosteus aculeatus</i> , threespine stickleback					
371(1; *)	511(1; *)				
FISTULARIIDAE					
<i>Fistularia tabacaria</i> , bluespotted cornetfish					
172(1; *)					
SYNGNATHIDAE					
<i>Hippocampus erectus</i> , lined seahorse					
35(1; *)	150(1; *)	195(1; *)	197(1; *)	208(2; *)	
209(1; *)	210(1; *)	212(1; *)	215(2; *)	250(1; *)	
251(1; *)	255(1; *)	269(1; *)	270(1; *)	271(1; *)	
272(4; *)	273(3; *)	274(1; *)	278(2; *)	279(2; *)	
280(1; *)	293(1; *)	321(1; *)	322(1; *)	324(1; *)	
327(193; 0.5)	330(2; *)	333(2; *)	334(1; *)	431(1; *)	
432(2; *)	464(1; *)	484(3; *)	497(1; *)	512(1; *)	
570(1; *)					
<i>Syngnathus fuscus</i> , northern pipefish					
144(1; *)	145(1; *)	183(1; *)	212(1; *)	214(6; *)	
215(1; *)	246(1; *)	256(8; *)	257(2; *)	258(2; *)	
260(1; *)	264(1; *)	266(1; *)	270(1; *)	272(3; *)	
273(1; *)	274(1; *)	312(1; *)	318(5; *)	320(10; *)	

Table 3.--Continued

Syngnathus fuscus--Cont.

321(3; *)	323(2; *)	324(1; *)	325(22; *)	326(1248; 1.8)
327(7120; 10.4)	330(1; *)	331(1; *)	334(40; *)	394(2; *)
396(1; *)	398(1; *)	399(1; *)	400(2; *)	401(1; *)
427(2; *)	430(3; *)	431(3; *)	432(2; *)	434(1; *)
437(2; *)	460(6; *)	461(2; *)	462(2; *)	463(3; *)
464(2; *)	474(8; *)	478(1; *)	479(1; *)	480(8; *)
482(1; *)	483(1; *)	484(15; *)	486(1; *)	487(1; *)
503(3; *)	504(3; *)	505(3; *)	511(1; *)	558(1; *)
565(2; *)	566(3; *)	570(2; *)	598(1; *)	

PERCICHTHYIDAE

Morone americana, white perch

300(1; *)

Morone saxatilis, striped bass

16(8; 17.2)	17(1; 2.7)	71(1; 0.9)	72(1; 0.9)	77(1; 1.8)	256(1; 1.4)
320(1; 5.4)	549(1; *)	568(2; 4.1)	580(1; 3.6)		

SERRANIDAE

Centropristis striata, black sea bass

21(1; *)	23(1; 0.9)	36(1; *)	43(1; *)	48(1; 0.5)
51(1; 0.5)	82(1; *)	84(6; 1.8)	85(15; 5.9)	111(1; 0.5)
141(1; 0.5)	142(4; 0.9)	143(6; 1.8)	144(1; *)	147(19; 7.3)
171(1; 0.5)	172(1; 0.5)	186(4; *)	196(1; *)	197(1; *)
198(3; 0.5)	200(7; 3.2)	201(11; *)	204(6; 0.5)	205(11; *)
206(9; 1.4)	207(2; *)	212(15; *)	214(1; *)	215(5; 1.8)
232(1; *)	233(26; 0.5)	235(5; 0.5)	236(9; 3.6)	242(1; *)
259(1; *)	260(16; *)	261(4; 0.5)	262(2; *)	263(1; *)
264(3; *)	265(3; 0.5)	266(2; 0.5)	272(2; 0.5)	273(1; 0.5)
274(2; *)	276(2; *)	280(3; *)	281(5; *)	290(1; *)
293(127; 1.4)	294(14; 1.8)	295(46; 4.1)	297(1; *)	336(3; 1.8)
337(1; *)	338(2; *)	339(1; *)	340(2; *)	341(1; *)
342(2; *)	349(2; 1.8)	353(2; 0.9)	354(3; 0.9)	413(6; 0.9)
416(4; *)	422(6; *)	429(1; *)	484(1; *)	519(1; *)
574(1; 0.9)	577(3; 0.9)	578(2; 1.4)	579(2; 0.5)	580(1; *)
584(1; *)	585(1; *)	587(1; 0.5)	588(1; 0.5)	589(1; 0.9)
590(3; 1.8)	592(2; 2.7)	593(7; 5.4)	594(1; *)	606(1; *)
608(1; *)	619(2; 0.5)	620(1; 0.9)	621(1; *)	622(3; 0.9)
623(2; 0.5)	624(2; 0.5)	625(3; 1.4)	626(1; 0.5)	627(1; 1.4)
629(1; *)	638(17; 3.6)	640(8; 1.8)	641(1; *)	642(1; *)
643(7; 2.3)	644(12; 2.7)	647(1; *)	649(1; 0.5)	650(1; 0.5)
651(1; 0.5)	661(1; *)	662(1; *)	665(1; *)	683(1; *)
684(2; *)	685(27; 4.1)	686(2; *)	687(7; 1.8)	688(4; 0.9)
689(19; 2.7)	690(9; 2.3)	691(8; 2.3)	692(1; *)	693(2; *)
694(6; 1.4)	697(2; 0.5)	698(1; *)	699(5; 1.8)	700(3; *)

PRIACANTHIDAE

Priacanthus arenatus, bigeye

293(1; *)

Pristigenys alta, short bigeye

90(1; *)

Table 3.--Continued

APOGONIDAE

Apogon pseudomaculatus, twospot cardinalfish

100(1; *) 221(78; 0.9) 289(1; *)

Apogon sp.

611(1; *) 677(1; *)

BRANCHIOSTEGIDAE

Lopholatilus chamaeleonticeps, tilefish

37(2; 0.5) 40(1; 6.4) 222(1; *) 287(2; 2.7) 347(1; *) 348(1; 1.8)

451(1; *) 536(1; *) 613(1; 3.2) 675(1; *) 678(4; 0.5)

POMATOMIDAE

Pomatomus saltatrix, bluefish

1(1; 2.3)	16(2; *)	17(3; *)	18(2; 5.0)	25(1; 2.7)
29(1; 1.4)	47(1; 3.2)	48(6; *)	53(2; *)	54(1; *)
64(1; *)	65(1; *)	66(2; 0.5)	67(10; 4.1)	68(6; 3.6)
74(1; *)	77(1; 5.0)	78(10; 2.3)	79(2; 0.5)	83(1; 3.2)
90(3; *)	118(1; 1.8)	124(2; *)	130(1; 0.5)	133(1; 0.9)
134(1; 0.5)	136(6; 0.5)	139(1; 0.5)	147(4; 11.3)	149(1; 4.5)
150(101; 2.7)	151(3; *)	182(13; 1.4)	185(2; *)	187(2; *)
189(1; 3.6)	191(1; 0.5)	192(2; *)	193(4; 0.5)	194(24; 1.4)
195(42; 5.9)	210(43; 7.7)	211(3; 0.5)	215(2; 0.9)	232(14; 10.0)
237(8; 0.5)	238(4; 0.5)	239(1; *)	240(1; *)	256(85; 6.4)
257(12; 4.1)	259(11; 13.2)	260(2; 8.2)	262(11; 0.9)	263(1; *)
266(1; 5.0)	267(3; 18.6)	268(1; 2.3)	271(1; 2.7)	272(1; *)
274(1; 3.6)	278(14; 0.9)	279(2; 9.1)	284(1; 5.4)	295(1; 4.5)
298(40; 2.3)	303(1; 4.5)	320(1; 3.6)	322(65; 5.0)	323(4; *)
331(1; 3.6)	340(1; 2.3)	352(5; 29.9)	648(3; *)	687(1; 1.8)

CARANGIDAE

Decapterus macarellus, mackerel scad

207(1; *)

Decapterus punctatus, round scad

89(1; *)	90(5; *)	92(2; *)	138(1; *)	140(72; 0.5)
148(101; 0.9)	149(1; *)	150(5; *)	197(32; 0.5)	198(1; *)
199(1; *)	208(10; *)	209(2; *)	266(1; *)	267(1; *)
268(1; *)	297(17; *)			

Naucrates ductor, pilotfish

164(1; *)

Selar crumenophthalmus, bigeye scad

111(5; *) 120(2; *) 148(1; *)

Seriola zonata, banded rudderfish

39(1; *) 138(4; 0.5) 160(1; *)

Trachurus lathami, rough scad

120(1; *) 267(2; *) 280(3; *) 294(1; *)

Vomer setapinnis, Atlantic moonfish

182(2; *)	187(1; *)	193(1; *)	194(1; *)	195(1; *)	210(10; *)
232(1; *)	237(1; *)	298(1; *)			

Table 3.--Continued

LUTJANIDAE

Lutjanus sp.

212(1; *) 297(1; *)

POMADASYIDAE

Orthopristis chrysoptera, pigfish

242(1; *) 325(2; *)

SPARIDAE

Lagodon rhomboides, pinfish

266(1; *) 277(1; *) 323(1; *) 327(1; *)

Stenotomus chrysops, scup

1(1; *)	3(1; *)	10(1; *)	16(1; *)	19(120; 3.6)
20(5; *)	21(22; 0.5)	22(1; *)	23(57; 1.8)	24(78; 2.7)
28(5; *)	29(7; *)	31(1; *)	45(6; *)	46(11; *)
49(1; *)	50(1; *)	52(68; 2.7)	53(28; 1.4)	58(2; *)
61(3; *)	62(1; *)	63(15; 0.9)	68(1; *)	79(1; *)
81(50; 1.8)	82(3; 0.5)	84(3; *)	85(2; *)	118(2; *)
137(1; *)	139(2; *)	140(19; 0.9)	141(9; 0.9)	143(63; 0.9)
144(37; *)	147(9; 0.5)	148(2; *)	150(2; 0.5)	184(2; *)
186(76; 0.5)	188(1; *)	189(1; *)	193(1; *)	196(4; 0.5)
197(120; 7.3)	198(87; 1.4)	199(170; 14.1)	200(1; *)	202(41; 1.8)
203(1; *)	204(10; 0.9)	205(6; *)	206(201; 8.2)	208(104; 0.5)
209(2; *)	210(7; 0.9)	211(8; 0.5)	212(29; 0.5)	213(1; *)
214(184; 0.9)	215(20; 2.7)	216(21; 1.8)	217(3; 0.5)	226(1; *)
227(6; 0.5)	228(3; 0.5)	231(25; 2.3)	232(2; *)	233(19; 0.9)
234(138; 0.5)	235(1; *)	236(24; 2.3)	242(1; *)	259(454; 31.8)
260(24; 1.4)	261(16; *)	262(1; *)	263(5; *)	264(8; 0.9)
265(137; 5.4)	266(607; 51.3)	267(315; 6.4)	268(763; 16.8)	269(12; 1.4)
271(8; 0.5)	272(1; *)	273(22; 0.5)	274(280; 6.4)	275(1; *)
276(1566; 24.5)	277(350; 9.5)	278(9; *)	279(29; 0.5)	280(180; 10.4)
281(29; 5.4)	282(18; 4.5)	283(23; 6.8)	284(12; 4.1)	291(11; 2.3)
292(4; 0.9)	293(68; 3.6)	294(5; *)	295(288; 5.0)	297(2245; 20.4)
298(3; *)	299(42; *)	321(1; *)	324(1; *)	328(46; 5.0)
329(25; 4.5)	330(82; 26.3)	335(23; 1.8)	336(14; 4.1)	337(102; 25.9)
338(7; 2.3)	339(9; 2.3)	340(35; 24.9)	342(90; 3.6)	343(221; 26.8)
349(117; 68.5)	350(66; 7.7)	351(12; 1.4)	352(1; *)	353(12; 2.3)
354(26; 1.4)	357(4; 0.9)	410(1; *)	413(1; *)	422(1; *)
533(1; *)	540(2; 0.5)	568(1; 0.5)	569(2; 0.5)	571(9; 4.1)
572(1; *)	574(1; *)	575(1; *)	577(23; 4.1)	573(17; 6.4)
579(13; 3.6)	580(3; 0.5)	581(5; 0.5)	583(25; 3.6)	584(18; 2.7)
585(31; 5.0)	586(2; 0.5)	587(3; 0.5)	588(168; 47.2)	590(267; 35.8)
591(5; 0.9)	592(20; 3.2)	593(64; 12.2)	594(53; 8.2)	597(2; 0.9)
598(1; *)	599(3; 0.5)	600(5; 0.9)	601(4; 0.9)	602(1; 0.5)
603(38; 11.3)	607(2; 0.5)	608(1; *)	609(7; 1.8)	618(1; *)
619(1; *)	620(7; 1.4)	621(1; *)	622(4; *)	623(3; *)
624(35; 0.9)	625(5; *)	626(2; *)	627(2; *)	628(1; *)
634(2; *)	635(1; *)	637(41; 0.9)	638(34; 0.9)	639(16; 0.5)
640(9; *)	641(6; *)	642(11; *)	643(12; *)	644(195; 4.1)
645(287; 6.4)	646(23; 0.9)	649(17; 0.5)	650(360; 9.1)	651(4; *)
653(13; 0.5)	654(1; *)	655(47; 1.4)	656(1; *)	659(2; *)
660(1; *)	665(2; *)	668(2; *)	672(1; *)	673(2; *)
674(3; *)	684(17; 0.5)	685(25; 0.5)	687(3; *)	688(3; *)
689(4; *)	690(5; *)	691(2; *)	692(2; *)	693(5; *)
695(1; *)	697(2; *)	699(3; *)	700(24; 0.5)	

Table 3.--Continued

SCIAENIDAE

Bairdiella chrysura, silver perch

237(1; *) 242(5; *) 246(1; *) 256(4; 0.5) 318(3; *) 325(3; *)

Cynoscion regalis, weakfish

1(1; 2.3) 63(1; 0.9) 65(3; 3.2) 66(5; 18.6) 67(2; 4.1)
 68(6; 6.4) 69(1; *) 70(2; 4.1) 76(1; 2.7) 77(11; 42.2)
 78(7; 17.7) 79(3; 14.5) 115(4; 9.5) 116(1; 2.7) 123(1; *)
 124(1; *) 126(1; *) 131(1; 1.4) 132(4; 8.6) 134(1; 1.4)
 136(5; 5.9) 150(1; *) 182(18; *) 184(5; *) 185(9; 5.9)
 187(100; 1.4) 188(1; *) 189(6; *) 190(2; *) 192(29; 0.5)
 193(13; 2.3) 194(56; 0.5) 195(295; 3.2) 196(13; *) 209(2; *)
 210(61; 3.2) 212(47; 6.8) 213(1; 1.8) 214(1; 1.8) 215(76; 3.2)
 232(1; *) 233(1; 2.3) 237(6; *) 238(6; *) 239(1; *)
 241(1; *) 242(59; 1.4) 243(1; *) 244(2; *) 245(3; *)
 246(1; *) 247(2; *) 256(42; 0.5) 257(11; *) 263(1; 2.3)
 266(2; 5.4) 272(29; 3.6) 275(3; 3.6) 276(1; 1.8) 298(27; 0.9)
 299(10; *) 301(1; *) 302(2; *) 306(4; *) 309(1; *)
 310(3; *) 311(7; *) 316(5; *) 318(72; 0.5) 319(19; 2.3)
 320(3; *) 323(18; 0.5) 324(1; *) 325(306; 5.0) 326(145; 4.5)
 327(580; 25.4) 332(84; 5.0) 332(512; 16.8) 334(40; 3.2) 340(1; 3.2)
 568(2; *)

Leiostomus xanthurus, spot

182(1; *) 192(1; *) 194(5; 0.5) 195(8; 0.9) 210(1; *) 232(1; *)
 242(3; *) 256(2; *) 319(1; *)

Menticirrhus saxatilis, northern kingfish

184(1; *) 186(1; *) 187(1; *) 190(3; *) 191(9; 0.5) 196(6; *)
 199(1; *) 208(1; *) 210(1; *) 232(1; *) 234(1; *) 254(1; *)
 262(2; 0.5) 263(3; 0.5) 271(8; 1.4) 272(19; 4.1) 273(6; 0.9) 275(5; *)
 276(1; *) 278(1; *) 298(12; 0.9) 322(6; *) 325(14; *) 326(1; *)
 329(1; *) 331(2; *) 332(2; *) 333(1; *) 357(1; *)

Micropogon undulatus, Atlantic croaker

195(1; *) 233(2; 0.9) 242(1; *) 325(2; *)

MULLIDAE

Mullus auratus, red goatfish

90(2; *) 111(1; *) 140(1; *)

CHAETODONTIDAE

Chaetodon ocellatus, spotfin butterflyfish

184(1; *) 322(1; *)

LABRIDAE

Tautoga onitis, tautog

7(1; 1.4) 17(1; 3.2) 70(1; *) 124(1; *) 134(1; 1.4) 240(1; 0.5)
 255(12; 4.5) 257(1; *) 258(2; 1.8) 259(9; 19.5) 270(1; 0.5) 272(1; 0.5)
 278(1; 0.5) 304(2; 0.9) 307(1; *) 310(1; *) 325(7; 0.5) 327(1; *)
 388(2; 0.5) 389(1; *) 437(1; *) 470(2; 1.4) 522(1; 0.5) 554(1; 0.9)
 556(2; 0.5) 560(1; 2.3) 561(3; 1.4) 565(3; 3.2) 567(9; 11.8) 568(2; 1.4)
 569(1; 1.4) 639(1; 0.9)

Table 3.--Continued

<i>Tautogolabrus adspersus</i> , cunner					
21(1; *)	50(2; 0.5)	51(1; *)	52(2; *)	53(2; *)	
54(16; 2.3)	85(2; *)	120(6; 0.9)	174(1; *)	198(1; 0.5)	
206(2; *)	231(1; *)	236(4; *)	241(1; *)	259(92; 14.5)	
274(1; *)	304(20; 1.4)	322(1; *)	324(1; *)	334(4; *)	
389(592; 34.5)	390(1; *)	437(20; 3.6)	439(43; 3.6)	480(1; *)	
501(1; 0.5)	522(18; 1.8)	529(8; 5.0)	544(1; 0.5)	547(16; 1.4)	
568(75; 12.7)	569(2; *)	571(2; *)	572(2; *)	575(2; *)	
577(31; 5.4)	581(1; *)	594(1; *)	626(2; *)	638(8; 1.4)	
640(3; *)	690(1; *)	692(5; 0.9)	697(3; 0.5)	699(11; 0.5)	
MUGILIDAE					
<i>Mugil curema</i> , white mullet					
192(1; *)					
SPHYRAENIDAE					
<i>Sphyraena borealis</i> , northern sennet					
198(1; *)	259(1; *)	261(1; *)	330(3; *)		
URANOSCOPIDAE					
<i>Astroscopus guttatus</i> , northern stargazer					
238(1; *)	242(1; *)	249(1; *)	257(1; *)	258(1; *)	
BLENNIIDAE					
unidentifiable to genus					
522(1; *)					
PHOLIDAE					
<i>Pholis gunnellus</i> , rock gunnel					
105(2; *)	107(1; *)	167(1; *)	196(2; *)	258(4; *)	320(2; *)
336(1; *)	338(1; *)	388(2; *)	566(1; *)	567(4; *)	617(1; *)
AMMODYTIDAE					
<i>Ammodytes americanus</i> , American sand lance					
28(1; *)	50(1; *)	51(1; *)		53(1; *)	
94(2; *)	106(1; *)	110(1019; 21.3)		146(1; *)	
156(520; 11.8)	205(1; *)	215(1; *)		231(19874; 536.6)	
232(21; 0.5)	236(1; *)	251(15; *)		254(1; *)	
273(1; *)	294(2; *)	303(1; *)		325(3; *)	
352(2; *)	360(22; *)	362(21; *)		376(29; *)	
377(16; *)	378(1; *)	391(1; *)		392(1; *)	
393(2; *)	402(4; *)	405(2; *)		426(4; *)	
427(5; *)	428(8; *)	429(1; *)		430(2; *)	
432(56; 0.9)	433(1; *)	437(1; *)		463(1; *)	
474(6; *)	476(2; *)	477(3; *)		509(2; *)	
518(2; *)	520(354; 6.4)	521(24; 0.5)		545(56; *)	
546(2; *)	547(1; *)	568(22; 0.5)		579(8; *)	
591(1; *)	620(1; *)	624(5; *)		625(2; *)	
637(53; *)	648(2; *)	650(1; *)		662(304; 10.0)	
682(2; *)	687(1; *)	699(2; *)			
TRICHIURIDAE					
<i>Trichiurus lepturus</i> , Atlantic cutlassfish					
420(1; *)					

Table 3.--Continued

SCOMBRIDAE

Scomber scombrus, Atlantic mackerel

18(1; *)	33(14; 0.9)	36(1; 0.5)	92(16; 0.5)	101(2; *)
164(3; *)	199(1; *)	212(1; *)	282(1; *)	352(1; *)
392(1; 0.5)	410(19; 0.9)	414(46; 2.7)	415(1; *)	422(1; *)
440(102; 34.0)	441(16; 6.4)	447(1; 0.5)	448(1; 0.5)	450(14; 1.8)
451(4; 0.5)	454(2; 0.9)	457(1; *)	515(2; *)	536(2; 0.5)
568(1; 0.5)	569(5; 0.5)	578(1; *)	584(2; *)	586(1; *)
587(16; 2.3)	591(1; 0.5)	597(2; *)	601(1; *)	608(1; 0.5)
615(1; *)	618(5; 1.4)	619(1; *)		

STROMATEIDAE

Ariomma bondi, silver-rag

91(1; *) 151(1; *)

Peprilus triacanthus, butterfish

1(2; *)	2(46; 1.8)	3(4; *)	9(10; 0.5)
16(9; 0.5)	17(37; 1.4)	18(2; *)	19(4; 0.5)
21(3; *)	22(1; *)	23(9; 0.5)	24(23; 0.9)
27(34; 1.8)	28(8; 0.5)	29(164; 7.3)	30(138; 10.0)
33(25; 1.4)	34(3; *)	36(5; *)	37(8; 0.9)
38(766; 103.9)	44(2; *)	45(1; *)	46(5; *)
47(5; *)	48(246; 19.5)	49(1; *)	50(353; 20.0)
51(4; *)	52(7; *)	53(38; 3.2)	54(4; 0.5)
61(16; 0.9)	73(1; *)	78(4; *)	79(3; *)
80(238; 3.6)	81(182; 1.8)	82(434; 9.5)	83(37; 0.5)
84(6; 0.5)	87(9; 0.9)	88(106; 1.4)	89(51; 0.9)
90(5120; 3.6)	91(1360; 9.1)	92(17820; 20.4)	96(1; *)
97(11; 1.4)	98(95; 8.6)	101(22; 1.8)	107(35; 1.4)
108(54; 0.9)	109(776; 1.8)	110(184; 2.3)	111(1012; 3.2)
112(1123; 26.8)	113(6; 0.5)	117(1; *)	118(980; 6.4)
119(106; 5.4)	120(1032; 7.3)	123(2; *)	125(1; *)
126(1; *)	128(4; *)	131(2; *)	136(3; 0.5)
137(208; *)	138(388; 0.5)	139(8432; 7.7)	140(1602; 11.3)
143(16; *)	144(344; 0.5)	146(4; *)	147(98; 2.3)
148(29; 0.5)	149(17; 0.5)	150(368; 0.9)	151(3; *)
152(1; *)	154(4; 0.5)	155(25; 2.7)	156(68; 2.7)
157(110; 5.4)	158(2; *)	161(738; 59.9)	163(1; *)
166(1776; 103.4)	167(10; 0.9)	168(4; *)	169(221; 4.1)
170(22; 0.5)	171(78; 1.4)	172(30; 0.5)	173(105; 1.4)
174(2600; 63.5)	175(1233; 47.2)	176(910; 35.4)	177(80; 2.7)
178(279; 1.4)	179(56; 0.5)	180(13; *)	182(14; 0.5)
183(7; *)	185(1; *)	189(1; *)	190(2; *)
191(3; *)	192(3; *)	193(3; *)	194(8; 0.5)
195(27; 0.9)	197(590; 4.5)	198(1200; 5.4)	199(240; 0.9)
202(1; *)	203(4; *)	204(5; *)	205(1; *)
206(3; *)	207(1; *)	208(14220; 35.8)	209(552; 1.4)
210(27; 0.5)	211(1463; 8.6)	212(59; *)	214(26 *)
215(462; 5.9)	216(92; 0.9)	217(186; 13.6)	220(37; 1.8)
222(87; 3.6)	224(2; *)	225(1; *)	226(2; *)
228(34; 1.4)	229(2; *)	230(5; *)	232(297; 4.1)
233(1; *)	235(5; *)	237(20; 1.8)	238(11; 0.5)
239(29; 1.4)	240(2; *)	244(4; 0.5)	249(2; *)
256(62; 3.2)	257(12; 0.5)	258(7; 0.5)	259(203; 29.5)
260(3; *)	262(9; *)	263(67; 0.9)	264(2; *)

Table 3.--Continued

Peprilus triacanthus--Cont.

265(3; *)	266(427; 6.4)	267(558; 9.5)	268(2455; 33.6)
269(3368; 18.1)	270(13; *)	271(270; 5.4)	272(14; *)
273(14; *)	274(102; 0.5)	275(3; *)	276(123; 0.9)
278(184; 0.9)	279(340; 1.8)	280(1; *)	281(1; *)
284(14; 1.4)	288(66; 5.9)	289(6; 0.5)	290(1210; 73.0)
292(13; 1.4)	294(2; *)	297(203; 5.0)	298(504; 5.4)
302(2; *)	311(1; *)	318(1; *)	319(1; *)
321(8; *)	322(72; 4.1)	323(8; 0.9)	324(1; *)
329(53; 2.7)	330(8; 0.9)	335(1; *)	337(16; 1.8)
338(4; *)	349(3; *)	352(55; 0.5)	353(3; 0.5)
356(1; *)	410(5; 0.5)	413(36; 0.9)	414(2; *)
416(15; *)	422(4; *)	424(2; 0.5)	441(1; *)
442(102; 3.2)	444(1; *)	446(1; 0.5)	448(1; *)
449(40; 2.3)	450(3; 0.5)	451(2; *)	452(5; 0.9)
453(4; 0.9)	455(2; 0.5)	456(1; *)	458(1; *)
522(1; *)	532(38; 1.4)	533(17; 0.9)	534(23; 1.8)
536(58; 3.6)	540(5; 0.9)	542(7; 1.4)	556(2; *)
567(1; *)	568(24; 2.7)	570(12; 1.4)	573(2; *)
577(4; 0.5)	578(1; *)	579(1; *)	580(19; 1.4)
583(1; *)	584(4; 0.5)	585(5; 0.5)	587(8; 0.9)
588(6; 0.5)	589(9; 1.4)	590(9; 1.4)	591(1; *)
592(8; 1.4)	594(2; *)	603(13; 0.9)	604(7; 0.9)
605(43; 5.4)	608(3; 0.5)	609(1; *)	610(39; 1.8)
611(3; *)	613(19; 1.8)	615(1; *)	617(2; 0.5)
620(1; *)	623(1; *)	626(1; *)	628(8; 0.5)
630(10; 0.5)	631(3; *)	633(3; *)	636(2; *)
638(358; 38.6)	639(39; 3.2)	645(6; *)	650(84; 6.4)
651(5; 0.5)	654(1; *)	655(42; 2.7)	659(1; *)
660(1; *)	670(120; 6.4)	671(267; 29.5)	672(16; 1.8)
675(64; 3.2)	677(1; *)	678(22; 1.4)	679(2; 0.5)
685(22; 0.9)	686(1; *)	691(1; *)	692(3; *)
693(1; *)	694(4; *)	695(2; *)	700(36; 4.1)

SCORPAENIDAE

Helicolenus dactylopterus, blackbelly rosefish

33(16; *)	34(1; *)	36(93; 0.5)	38(17; *)	39(65; 2.7)	40(6; *)
99(36; 1.4)	100(29; 0.9)	101(25; *)	102(15; *)	162(61; *)	163(26; 0.5)
218(2; *)	219(4; *)	221(78; 0.9)	286(93; 4.1)	289(7; 0.5)	290(2; *)
344(6; *)	347(7; *)	420(9; 0.5)	440(1; *)	449(1; *)	450(19; *)
451(6; *)	458(31; 2.7)	531(47; *)	533(1; *)	538(32; 0.5)	539(13; *)
604(2; *)	605(4; *)	610(2; *)	611(17; 0.5)	612(58; 2.3)	613(1; *)
669(58; 3.2)	670(4; *)	675(9; *)	676(5; *)	677(20; *)	

Scorpaena plumieri, spotted scorpionfish

38(1; *)

Sebastes marinus, ocean perch

605(2; *) 610(1; *) 670(2; *) 692(1; *)

TRIGLIDAE

Peristedion miniatum, armored searobin

102(2; *)	162(8; 0.9)	164(1; *)	218(9; 0.5)	219(3; *)
222(18; 4.1)	223(4; 0.9)	287(4; *)	289(1; *)	344(67; 8.6)
347(5; 0.9)	412(4; 0.5)	418(43; 7.7)	419(6; 1.8)	440(5; 0.9)

Table 3.--Continued

Peristedion miniatum--Cont.

442(1; *)	449(1; *)	450(1; *)	451(10; 2.3)	538(91; 12.2)
539(2; 0.5)	604(1; 0.5)	605(29; 3.6)	606(8; 0.9)	607(1; *)
611(1; *)	673(1; *)	675(5; 0.9)	676(4; 0.9)	677(8; 1.8)

Prionotus carolinus, northern searobin

19(1; *)	42(1; *)	43(1; *)	46(40; 6.8)	56(1; *)
57(1; *)	63(1; *)	68(1; *)	81(1; *)	82(3; 0.5)
84(9; 0.9)	85(3; 0.5)	86(4; 0.9)	92(1; *)	109(7; 1.4)
111(104; 17.7)	112(1; *)	117(22; 3.2)	118(1; *)	120(3; 0.5)
122(1; *)	137(30; 2.7)	138(12; 0.9)	139(1; *)	140(3; 0.5)
142(3; 0.5)	143(14; 1.8)	145(2; 0.5)	149(1; *)	168(3; 0.5)
169(10; 1.8)	170(2; 0.5)	172(3; 0.5)	197(1; *)	198(5; 0.5)
199(7; *)	200(13; *)	202(2; 0.5)	204(1; *)	205(24; 2.7)
206(15; 0.5)	207(4; *)	208(1; *)	209(16; *)	210(3; 0.5)
211(5; 0.5)	212(79; 3.2)	214(14; 1.8)	215(79; 3.6)	216(1; *)
217(1; 0.5)	232(3; 0.5)	233(65; 7.3)	234(9; 1.4)	235(25; 3.2)
236(4; 0.5)	259(3; 0.5)	260(18; *)	261(2; 0.5)	262(3; 0.5)
263(39; *)	264(15; *)	265(15; 0.5)	266(5; *)	268(1; *)
270(1; *)	271(1; *)	272(3; *)	273(4; *)	274(20; 0.5)
275(3; *)	276(12; 1.4)	277(11; 1.4)	278(2; *)	279(2; *)
281(1; 0.5)	283(1; *)	291(3; 0.9)	293(105; 5.4)	294(6; *)
295(24; 0.9)	296(1; *)	297(2; *)	298(1; *)	321(17; *)
323(1; *)	324(10; *)	328(2; 0.5)	329(5; *)	330(2; *)
331(1; *)	335(5; 0.9)	337(5; 0.9)	339(1; *)	340(1; *)
341(1; *)	342(3; *)	343(1; *)	349(2; 0.5)	350(9; 1.8)
353(5; *)	354(2; *)	356(2; *)	357(1; *)	398(1; *)
409(1; *)	410(86; 19.5)	413(1; *)	414(7; 1.8)	416(4; *)
421(3; *)	430(1; *)	432(2; *)	440(1; *)	442(1; *)
448(4; 1.4)	470(1; *)	489(1; *)	534(1; *)	535(4; 0.9)
540(14; 2.7)	541(1; *)	543(2; *)	567(1; *)	568(2; 0.5)
570(4; 0.5)	572(1; *)	581(1; *)	582(2; *)	585(1; *)
586(1; *)	589(5; 0.9)	590(3; 0.5)	592(1; *)	593(8; 2.3)
594(1; *)	597(1; *)	598(1; *)	599(1; *)	600(2; *)
601(2; *)	602(1; *)	614(1; *)	617(1; *)	619(1; *)
621(1; *)	622(1; *)	623(2; *)	624(8; 0.9)	625(5; *)
626(1; *)	637(2; *)	639(9; 0.5)	640(2; *)	641(1; *)
642(1; *)	643(6; 0.5)	644(10; 1.4)	645(4; *)	649(3; 0.5)
650(1; *)	653(1; *)	654(1; *)	655(4; *)	658(1; *)
661(1; *)	667(1; *)	683(20; 2.7)	684(6; 0.9)	685(3; *)
686(26; 2.3)	687(11; 0.9)	688(134; 16.8)	689(16; 1.4)	690(41; 5.4)
691(3; *)	697(1; *)	700(3; 0.5)		

Prionotus evolans, striped searobin

17(1; *)	19(12; 5.0)	20(1; 0.5)	21(2; 1.4)	23(1; *)
29(1; *)	61(2; 0.9)	63(44; 3.6)	69(1; *)	81(1; 0.5)
85(3; 0.9)	86(1; 0.9)	90(8; 3.6)	92(3; 0.9)	109(3; 1.4)
111(38; 14.1)	112(3; 1.4)	113(1; *)	115(2; 0.5)	137(18; 7.3)
138(13; 5.4)	139(2; 0.5)	143(1; *)	144(8; 2.7)	145(2; *)
150(1; 0.5)	179(2; 0.5)	185(4; 1.4)	192(1; *)	195(1; *)
197(3; 0.9)	198(10; 0.5)	199(2; *)	200(14; 0.5)	201(1; *)
202(17; 0.9)	203(1; *)	205(3; *)	206(1; *)	207(1; *)
209(5; 0.5)	210(6; 2.3)	212(71; 10.4)	213(1; 0.5)	214(5; 0.5)
215(55; 23.6)	216(2; 0.9)	217(1; 0.9)	233(7; 0.5)	234(10; *)
237(1; *)	242(2; *)	243(1; *)	256(6; *)	258(1; *)

Table 3.--Continued

Prionotus evolans--Cont.

259(2; 0.5)	260(8; *)	261(2; *)	262(10; 4.5)	263(7; 2.7)
264(1; *)	265(3; 0.9)	266(3; 1.4)	269(17; 6.8)	270(1; *)
271(2; *)	272(9; 0.5)	273(5; 1.8)	274(13; 6.4)	276(7; 1.8)
278(1; *)	281(1; 0.5)	293(2; *)	294(1; 0.5)	295(8; 0.9)
298(4; *)	311(1; *)	318(1; *)	321(1; *)	323(6; *)
324(2; *)	325(1; *)	327(1; *)	328(2; 0.9)	332(2; *)
333(1; *)	336(1; 0.5)	337(3; 1.4)	338(13; 7.3)	339(7; 3.2)
340(4; 1.4)	341(1; *)	342(3; 0.9)	343(2; 1.4)	350(12; 6.8)
354(1; *)	356(1; *)	357(1; 0.5)	390(1; *)	540(1; *)
565(1; 0.5)	568(3; 1.8)	569(2; 0.9)	570(2; 0.9)	580(1; 0.5)
624(1; 0.5)	637(1; *)	638(1; *)	639(12; 4.5)	640(1; 0.5)
644(2; 0.5)	645(4; 2.3)	649(1; 0.5)	685(1; 0.5)	688(1; 0.5)
689(1; 0.9)	690(4; 0.9)	700(3; 1.4)		

COTTIDAE

Hemitripterus americanus, sea raven

31(1; *)	42(1; *)	57(23; 18.1)	58(1; 0.5)	93(1; *)
105(1; *)	152(1; 0.5)	153(1; *)	157(1; 0.5)	167(1; *)
332(1; *)	336(3; 1.8)	397(1; *)	405(1; 0.9)	407(1; 0.5)
430(1; 1.4)	437(4; 2.3)	461(1; 0.9)	476(1; 0.5)	507(2; 2.3)
513(1; 0.5)	522(4; 2.3)	576(2; 1.8)	595(1; 0.5)	627(1; 0.5)
654(1; *)	692(1; 0.9)	695(1; *)		

Myoxocephalus aeneus, grubby

16(1; *)	68(1; *)	77(1; *)	195(2; *)	196(1; *)	302(2; *)
308(1; *)	312(1; *)	359(1; *)	361(2; *)	386(3; *)	387(5; *)
391(1; *)	484(1; *)	567(26; *)			

Myoxocephalus octodecemspinosus, longhorn sculpin

55(1; *)	56(2; 0.5)	57(8; 2.3)	58(1; *)	87(1; *)	94(1; *)
105(7; *)	106(1; *)	107(4; *)	152(12; 0.5)	153(14; 0.9)	155(5; 0.9)
157(1; 0.5)	167(2; *)	168(1; *)	225(2; *)	226(2; *)	258(1; *)
280(2; *)	296(1; *)	320(32; 0.5)	333(1; *)	336(2; 1.8)	354(1; *)
376(1; 0.5)	388(4; *)	389(16; 3.6)	390(1; *)	391(4; 0.9)	392(3; 0.9)
393(1; *)	397(2; *)	398(1; *)	400(1; *)	405(2; 0.5)	429(1; 0.5)
430(1; *)	431(2; 0.5)	432(1; 0.5)	435(2; 0.5)	436(2; 0.5)	437(3; 0.5)
438(4; 0.9)	439(3; 0.5)	445(1; 0.5)	460(1; *)	462(1; *)	463(1; *)
464(1; *)	467(1; *)	476(1; *)	479(2; 0.5)	480(1; *)	483(1; *)
485(2; 0.5)	489(2; 0.5)	501(1; *)	502(4; 1.4)	503(6; 1.4)	504(2; *)
505(1; *)	510(2; 0.5)	511(1; 0.5)	512(5; 1.4)	513(3; 0.5)	522(1; *)
524(1; 0.5)	544(14; 1.8)	545(1; 0.5)	568(1; *)	575(2; 0.9)	577(1; *)
582(1; *)	584(1; *)	585(3; *)	586(8; 1.4)	587(5; 1.4)	588(1; 0.5)
591(4; 1.4)	594(1; *)	595(3; 0.9)	596(3; 0.9)	597(2; 0.5)	598(2; 0.5)
600(1; *)	608(1; 0.5)	617(2; 0.9)	619(2; 0.5)	620(2; 0.5)	621(1; *)
642(1; *)	654(1; *)	666(2; *)			

Myoxocephalus scorpius, shorthorn sculpin

184(1; *)

CYCLOPTERIDAE

Liparis sp., seasnail

218(1; *)	225(1; *)	226(1; *)	334(1; *)	401(4; *)	426(1; *)
430(1; *)	439(6; *)	475(1; *)			

Table 3.--Continued

BOTHIDAE

Citharichthys arctifrons, Gulf Stream flounder

36(1; *)	37(2; *)	56(1; *)	94(9; *)	102(3; *)
104(47; *)	152(84; 0.5)	153(112; 0.9)	158(8; *)	160(56; 0.5)
161(108; 0.5)	162(51; *)	163(30; 0.5)	165(3; *)	167(51; 0.5)
168(1; *)	183(1; *)	217(104; 0.5)	218(46; *)	219(53; *)
221(13; *)	224(26; *)	225(8; *)	226(3; *)	280(4; *)
281(32; *)	285(16; *)	287(2; *)	289(24; *)	290(41; *)
340(8; *)	342(3; *)	343(3; *)	344(20; *)	346(4; *)
347(44; *)	348(196; *)	357(1; *)	410(20; *)	415(7; *)
416(44; *)	417(1; *)	421(73; *)	424(27; 0.5)	440(2; *)
444(104; *)	445(2; *)	449(2; *)	450(12; *)	451(4; *)
455(3; *)	457(1; *)	458(4; *)	531(1; *)	533(2; *)
535(1; *)	538(5; *)	539(6; *)	544(4; *)	545(1; *)
573(1; *)	602(2; *)	604(2; *)	605(1; *)	607(10; *)
608(4; *)	609(3; *)	610(1; *)	611(10; *)	612(1; *)
613(5; *)	615(3; *)	616(1; *)	619(6; *)	667(6; *)

Etropus microstomus, smallmouth flounder

21(2; *)	33(22; *)	34(9; *)	40(1; *)	41(1; *)
44(1; *)	59(2; *)	84(32; *)	85(2; *)	86(1; *)
90(19; *)	92(2; *)	93(14; *)	96(2; *)	97(4; *)
99(16; 0.9)	100(22; *)	105(15; *)	106(3; *)	115(1; *)
117(8; *)	138(2; *)	139(4; *)	140(1; *)	142(1; *)
143(10; *)	144(14; *)	145(2; *)	155(1; *)	156(3; *)
157(4; *)	166(1; *)	179(1; *)	197(1; *)	198(1; *)
200(8; *)	201(1; *)	202(7; *)	203(1; *)	206(1; *)
207(2; *)	208(7; *)	209(8; *)	210(2; *)	212(44; *)
214(3; *)	215(141; 1.4)	223(14; *)	227(1; *)	228(3; *)
229(1; *)	233(6; *)	234(17; *)	235(3; *)	237(1; *)
238(1; *)	242(1; *)	243(1; *)	256(25; *)	257(20; *)
258(3; *)	259(3; *)	260(32; *)	261(38; *)	263(115; *)
264(22; *)	265(24; *)	266(1; *)	270(2; *)	271(6; *)
272(96; *)	273(36; *)	274(6; *)	275(34; *)	277(4; *)
278(3; *)	293(42; *)	294(34; *)	295(1; *)	296(24; *)
309(2; *)	316(4; *)	318(54; *)	319(11; *)	320(8; *)
321(66; *)	322(81; *)	323(13; *)	324(2; *)	325(30; *)
326(19; 0.5)	327(261; 0.5)	329(2; *)	331(14; *)	332(46; *)
333(28; *)	334(1; *)	335(1; *)	337(7; *)	338(19; *)
361(1; *)	392(20; *)	393(11; *)	394(4; *)	395(4; *)
396(1; *)	397(12; *)	398(1; *)	405(1; *)	407(4; *)
409(1; *)	422(4; *)	426(7; *)	427(14; *)	428(10; *)
429(2; *)	430(14; *)	431(31; *)	432(7; *)	433(2; *)
434(3; *)	435(2; *)	437(1; *)	438(7; *)	461(7; *)
462(7; *)	463(10; *)	464(2; *)	466(2; *)	467(1; *)
470(2; *)	475(8; *)	476(1; *)	477(3; *)	479(3; *)
480(1; *)	482(1; *)	484(3; *)	502(5; *)	503(1; *)
504(9; *)	505(21; *)	506(1; *)	507(3; *)	509(1; *)
513(3; *)	516(1; *)	521(11; *)	525(1; *)	572(4; *)
574(2; *)	576(15; 0.5)	577(2; *)	582(2; *)	583(17; 0.5)
584(9; *)	585(3; *)	596(5; *)	597(6; *)	599(1; *)
600(6; *)	603(1; *)	614(1; *)	615(1; *)	621(1; *)

Table 3.--Continued

Etopus microstomus--Cont.

622(7; *)	623(19; *)	624(4; *)	639(2; *)	640(10; *)
641(2; *)	642(9; *)	643(25; *)	644(7; *)	645(6; *)
646(3; *)	651(1; *)	652(2; *)	655(1; *)	656(5; *)
657(1; *)	658(6; *)	659(1; *)	661(1; *)	666(6; *)
668(3; *)	669(1; *)	671(13; *)	672(30; *)	673(33; *)
674(50; *)	675(4; *)	676(2; *)	677(5; *)	678(9; *)
679(4; *)	680(4; *)	681(20; *)	685(1; *)	686(1; *)
687(17; *)	688(10; *)	689(4; *)	690(9; *)	691(1; *)
692(2; *)	693(2; *)	694(3; *)	695(3; *)	

Monolene sessilicauda, deepwater flounder

102(1; *)

Hippoglossina oblonga, fourspot flounder (See: Gutherz 1967)

19(8; 0.9)	29(11; 1.8)	21(28; 4.1)	22(18; 2.3)	28(1; *)
31(5; 0.9)	32(6; 0.9)	34(3; 0.5)	37(2; *)	42(9; 0.9)
43(31; 3.6)	44(8; 0.9)	45(3; 0.5)	46(13; 2.3)	53(1; 0.5)
54(1; 0.5)	55(9; 0.9)	56(4; 0.5)	57(6; 0.5)	58(16; 0.9)
59(8; 1.4)	60(3; 0.5)	80(1; *)	82(8; 0.5)	83(2; *)
84(3; *)	85(2; 0.5)	86(53; 5.9)	87(40; 5.4)	88(2; *)
89(7; 0.9)	91(7; 0.9)	93(41; 5.0)	94(7; 1.4)	96(19; 2.3)
97(10; 0.9)	98(10; 1.4)	100(1; *)	101(2; 0.5)	104(26; 3.2)
105(35; 5.4)	106(42; 5.0)	107(11; 1.4)	112(38; 3.6)	113(7; 0.5)
114(7; 0.5)	115(54; 7.3)	116(35; 4.5)	117(46; 5.0)	119(3; *)
141(4; *)	142(40; *)	143(3; *)	144(5; *)	145(21; *)
146(16; 1.4)	147(1; *)	149(2; *)	152(65; 10.9)	153(71; 9.5)
154(1; *)	155(13; 1.4)	156(9; 1.4)	157(3; 0.5)	158(23; 3.2)
159(8; 0.9)	160(44; 6.8)	161(11; 1.4)	162(1; 0.5)	166(14; 1.8)
167(22; 2.7)	175(4; *)	176(6; 0.5)	177(20; 1.8)	178(2; *)
179(1; *)	180(1; *)	181(1; *)	200(4; *)	201(5; *)
202(16; *)	204(15; *)	205(11; *)	206(4; *)	208(1; *)
209(7; *)	212(25; *)	213(26; 0.5)	214(28; 0.5)	215(74; 0.5)
217(9; 0.9)	218(4; 0.9)	223(97; 11.3)	224(59; 7.7)	225(50; 6.8)
226(115; 18.1)	227(47; 6.4)	228(12; 1.4)	229(6; 0.9)	230(18; 2.3)
231(2; *)	233(10; *)	234(3; *)	235(7; *)	236(2; *)
260(15; *)	261(8; *)	262(45; 0.5)	263(40; *)	264(34; *)
265(30; *)	266(4; *)	270(4; *)	271(7; *)	272(74; 0.9)
273(29; 0.5)	274(46; 0.5)	275(66; 0.9)	276(15; 2.7)	277(22; 0.9)
278(1; *)	280(61; 9.1)	281(30; 5.9)	282(19; 3.6)	283(8; 0.9)
285(13; 1.4)	287(3; 0.5)	288(2; 0.5)	290(5; 0.5)	291(54; 9.1)
292(9; 1.8)	293(24; 0.5)	294(20; 0.5)	295(7; *)	296(5; 0.5)
297(3; *)	321(5; *)	322(4; *)	323(38; 0.5)	324(34; *)
328(11; 1.8)	329(4; *)	330(42; 1.4)	335(14; 2.3)	336(7; 1.4)
337(60; 8.2)	338(79; 11.8)	339(6; 0.9)	340(100; 10.9)	341(20; 0.5)
342(62; 7.7)	343(41; 5.4)	344(1; *)	347(1; *)	348(2; *)
349(30; 3.6)	350(10; 1.8)	353(8; *)	354(6; *)	356(17; *)
357(17; 0.9)	397(4; *)	398(18; 0.5)	406(7; *)	407(3; 0.5)
409(9; 1.4)	410(20; 4.5)	411(12; 2.7)	412(10; 1.4)	413(1; *)
414(7; 0.9)	415(20; 4.1)	416(22; 4.1)	421(37; 5.0)	422(53; 7.3)
423(7; 0.5)	424(2; 0.5)	430(1; *)	431(1; *)	432(6; *)
434(1; *)	437(1; *)	439(1; *)	440(35; 7.3)	441(7; 2.3)
442(15; 2.3)	443(2; *)	444(14; 1.8)	445(2; *)	446(1; *)
447(12; 1.8)	448(17; 2.7)	449(4; 1.4)	450(1; *)	452(9; 1.4)

Table 3.--Continued

Hippoglossina oblonga--Cont.

453(6; 0.9)	455(7; 0.9)	456(7; 1.4)	457(6; 0.9)	477(1; *)
479(1; *)	503(1; 0.5)	513(5; 0.5)	516(1; *)	522(4; 0.5)
526(1; *)	528(5; 0.9)	529(2; *)	530(2; 0.5)	532(2; *)
533(3; 0.5)	534(5; 0.9)	535(61; 8.2)	538(7; 1.8)	539(10; 2.3)
540(13; 1.8)	541(3; 0.5)	542(2; 0.5)	543(9; 1.8)	544(5; 1.4)
545(13; 1.8)	569(2; 0.9)	570(2; 0.5)	571(6; 1.4)	573(1; *)
575(10; 1.8)	576(13; 0.9)	578(1; *)	579(4; 0.5)	580(1; *)
581(1; *)	582(3; *)	583(6; 0.5)	584(11; 3.2)	585(13; 1.8)
586(35; 4.1)	587(9; 1.8)	588(1; *)	589(4; 0.9)	590(3; 0.9)
592(6; 0.9)	593(3; 0.9)	594(14; 2.7)	595(17; 3.6)	596(26; 3.2)
597(20; 2.3)	598(16; 2.3)	599(7; 0.9)	600(30; 5.0)	601(98; 13.2)
602(68; 7.3)	603(29; 3.6)	604(10; 1.8)	605(6; 2.3)	606(12; 1.8)
607(3; 0.9)	608(6; 1.8)	609(8; 1.4)	610(9; 1.8)	613(2; *)
614(11; 1.4)	615(21; 2.7)	616(14; 1.8)	617(4; 0.9)	618(4; 0.5)
619(21; 3.6)	620(9; 1.8)	621(7; 0.9)	622(5; 0.9)	627(3; 0.5)
638(6; 0.9)	640(13; 2.3)	641(27; 5.4)	642(31; 5.0)	643(54; 9.5)
644(7; 1.4)	645(4; 0.9)	647(2; *)	650(10; 2.3)	652(10; 1.8)
653(10; 0.9)	654(72; 10.0)	655(7; 1.4)	656(4; 0.5)	657(8; 1.4)
658(40; 5.4)	659(4; 0.5)	660(3; 0.5)	661(11; 1.8)	662(3; *)
663(7; 0.9)	664(3; *)	665(16; 2.3)	666(33; 5.0)	667(10; 1.4)
668(19; 2.7)	670(4; 0.5)	671(18; 2.3)	672(11; 1.8)	673(28; 3.6)
674(18; 1.8)	675(26; 6.8)	676(1; *)	677(2; *)	678(27; 4.1)
679(25; 3.6)	680(9; 1.4)	681(13; 1.4)	682(7; 0.9)	683(4; 0.5)
685(6; 0.9)	686(7; 0.9)	687(19; 2.3)	688(27; 4.5)	689(2; *)
690(26; 5.0)	691(41; 5.4)	692(22; 5.0)	693(38; 9.1)	694(11; 1.8)
695(7; 1.8)	696(1; *)	697(8; 1.4)	698(4; 0.5)	700(7; 0.9)

Paralichthys dentatus, summer flounder

9(2; 0.9)	16(4; 3.2)	17(9; 10.0)	18(3; 3.2)	19(8; 6.4)
20(4; 3.6)	21(21; 14.5)	23(3; 2.7)	28(6; 9.5)	29(2; *)
42(2; 0.9)	43(1; 0.5)	45(3; 1.4)	46(8; 8.6)	47(2; 1.4)
48(5; 7.3)	50(8; 5.4)	52(12; 6.8)	53(5; 2.3)	55(2; 1.4)
56(3; 1.8)	57(1; 0.5)	59(1; 0.5)	61(8; 10.9)	62(1; 0.5)
63(12; 2.7)	64(2; 1.4)	67(5; 3.2)	69(5; 4.1)	70(12; 8.2)
71(1; *)	72(1; *)	76(1; 0.9)	77(4; 5.0)	78(16; 21.8)
79(8; 5.9)	80(1; 1.4)	81(10; 10.9)	84(2; 2.7)	85(1; 1.4)
90(40; 38.6)	92(27; 36.3)	111(1; 0.5)	115(2; 0.9)	120(1; 1.8)
122(3; 2.3)	123(7; 5.0)	134(1; 0.5)	135(1; 0.5)	137(50; 41.3)
138(16; 10.9)	139(3; 2.7)	140(16; 16.8)	142(1; 0.9)	143(3; 2.7)
144(8; 10.0)	150(3; 3.2)	184(1; 0.9)	185(1; 0.5)	186(2; 0.9)
187(4; 2.7)	189(2; 1.8)	192(3; 1.8)	193(6; 5.4)	194(2; 1.4)
195(7; 5.4)	196(21; 14.5)	197(35; 27.2)	198(13; 10.9)	199(17; 15.4)
200(2; 1.4)	202(16; 1.4)	203(1; 0.9)	204(4; 4.1)	205(3; 2.7)
206(11; 14.1)	207(15; 14.5)	208(3; 3.2)	209(40; 38.1)	210(9; 10.0)
211(4; 2.3)	212(11; 12.7)	213(5; 8.6)	214(9; 16.8)	215(18; 17.7)
217(1; 0.5)	232(17; 7.7)	233(70; 54.9)	234(22; 16.8)	235(10; 16.8)
236(5; 9.1)	237(1; *)	238(3; *)	242(3; *)	243(1; *)
256(20; 1.8)	257(4; 0.5)	258(1; *)	259(5; 2.7)	260(3; 1.8)
261(9; 3.6)	262(22; 7.7)	263(8; 3.6)	264(2; 1.4)	266(2; 2.3)
267(16; 21.3)	268(4; 7.3)	269(2; 1.4)	270(5; 3.2)	271(8; 6.4)
272(4; 0.9)	273(2; 0.5)	274(5; 2.7)	275(2; *)	276(4; 4.1)
277(15; 18.6)	278(3; 1.8)	279(2; 1.8)	280(2; 1.8)	281(2; 2.7)
282(1; 2.3)	288(1; 2.3)	290(1; 4.1)	291(2; 3.2)	293(13; 5.9)
294(2; 1.8)	295(10; 10.0)	297(3; 2.7)	298(14; *)	300(1; *)

Table 3.--Continued

Paralichthys dentatus--Cont.

312(1; *)	318(2; *)	320(6; *)	321(21; 1.8)	322(2; *)
323(10; 0.5)	324(4; 2.3)	325(3; *)	326(20; 0.9)	327(1; *)
328(14; 15.4)	329(1; *)	330(4; 3.2)	331(2; 2.7)	332(13; 5.0)
333(7; 6.4)	334(21; 10.4)	335(7; 4.5)	337(2; 8.6)	338(2; 2.3)
340(3; 4.1)	341(5; 3.6)	343(3; 2.7)	349(5; 5.9)	351(1; *)
352(1; 0.9)	353(2; 0.9)	354(8; 1.8)	356(1; *)	357(1; 0.5)
387(1; *)	389(1; *)	390(1; *)	393(1; *)	394(1; *)
395(1; *)	398(1; *)	404(1; *)	405(2; *)	406(1; *)
410(3; 1.8)	413(21; 21.8)	415(1; *)	416(2; 1.8)	428(1; *)
436(1; *)	437(1; *)	438(4; *)	442(3; 5.9)	447(1; 1.4)
448(18; 14.5)	449(1; 0.9)	451(1; 1.8)	454(1; *)	486(1; *)
487(2; *)	503(1; *)	521(1; *)	522(1; *)	532(4; 9.5)
533(9; 11.8)	535(7; 4.1)	539(2; 4.1)	540(2; 0.9)	542(1; *)
543(2; 0.5)	545(2; 1.4)	546(1; *)	556(1; 0.5)	567(1; 0.5)
568(1; *)	569(6; 3.2)	570(37; 11.8)	571(1; 0.5)	572(2; 0.9)
573(2; 1.4)	577(4; 2.3)	579(6; 2.7)	580(3; 1.4)	581(1; *)
582(1; 0.5)	583(1; 0.9)	584(1; 2.7)	585(4; 3.2)	586(1; 0.5)
589(3; 1.8)	592(4; 4.5)	593(6; 5.0)	594(3; 2.3)	595(1; 0.5)
599(1; 0.5)	600(1; 0.5)	601(3; 3.2)	615(2; 1.8)	616(1; 0.5)
619(1; 1.4)	620(1; *)	622(1; *)	623(11; 4.1)	624(26; 8.6)
625(24; 8.2)	626(7; 1.4)	627(1; 0.9)	628(2; 0.9)	629(2; 0.9)
634(2; 0.9)	635(2; *)	637(59; 25.9)	638(6; 3.2)	639(34; 15.4)
640(4; 2.3)	641(7; 3.6)	642(2; 0.9)	643(12; 6.8)	644(96; 54.0)
645(38; 20.0)	646(60; 38.1)	648(3; 1.8)	649(23; 16.3)	650(9; 5.9)
651(2; 2.7)	653(12; 12.7)	655(38; 28.1)	660(1; 0.9)	663(1; 0.9)
670(1; 3.6)	683(3; *)	684(15; 7.3)	685(9; 6.8)	687(11; 5.4)
688(11; 4.5)	689(10; 5.0)	690(48; 28.1)	691(24; 12.2)	692(4; 3.2)
693(3; 1.4)	694(4; 1.8)	696(3; 1.4)	697(4; 2.7)	698(4; 2.3)
699(1; 1.4)	700(52; 29.5)			

Scophthalmus aquosus, windowpane

9(1; 0.5)	14(14; 2.7)	16(3; 0.5)	17(10; 1.8)	19(52; 10.9)
20(19; 5.4)	21(51; 14.1)	22(1; 0.5)	23(2; *)	24(1; *)
25(1; *)	27(2; 0.5)	28(22; 5.4)	29(10; 2.7)	30(1; *)
42(14; 3.6)	43(6; 1.4)	44(57; 11.8)	45(71; 16.8)	46(263; 58.5)
47(10; 2.3)	48(9; 1.8)	49(3; 0.5)	50(2; 0.5)	51(1; *)
52(5; 1.4)	53(2; 0.5)	55(5; 0.9)	57(2; 0.5)	58(1; 0.5)
59(6; 1.4)	60(2; 0.5)	62(1; *)	70(2; *)	71(1; *)
72(1; *)	80(31; 7.3)	81(14; 4.1)	82(16; 3.2)	83(10; 2.7)
84(62; 10.4)	85(52; 10.9)	86(46; 10.9)	87(22; 5.4)	90(13; 3.2)
91(2; 0.5)	92(23; 4.5)	93(13; 4.1)	94(1; 0.5)	105(7; 1.8)
106(9; 1.4)	107(6; 1.4)	108(2; *)	109(3; 0.5)	110(1; *)
111(8; 2.3)	112(23; 4.5)	113(2; 0.5)	114(5; 1.4)	115(106; 23.6)
116(199; 42.2)	117(135; 26.3)	118(7; 1.4)	119(10; 2.3)	120(17; 3.2)
122(1; *)	123(1; *)	137(20; 4.5)	138(9; 0.9)	139(12; 0.5)
140(7; 1.4)	141(41; 9.5)	142(29; 5.9)	143(22; 3.2)	144(10; 1.8)
145(18; 4.1)	146(2; 0.5)	147(1; *)	149(1; *)	150(13; 2.3)
151(1; *)	152(6; 1.4)	153(21; 4.5)	155(5; 0.9)	156(12; 2.3)
167(18; 4.1)	168(8; 1.4)	171(1; *)	172(1; *)	174(2; *)
175(1; *)	176(1; 0.5)	177(10; 1.8)	178(18; 4.5)	179(17; 3.6)
180(25; 5.9)	181(21; 4.5)	186(2; *)	189(1; *)	194(1; *)
197(23; 4.1)	198(10; 2.3)	199(59; 7.3)	200(83; 17.7)	201(10; 2.3)
202(14; 1.8)	203(3; 0.5)	204(14; 2.3)	205(3; 0.5)	207(15; 2.3)
208(4; 0.9)	209(33; 4.5)	210(10; 1.4)	211(10; 2.3)	212(57; 9.1)

Table 3.--Continued

Scophthalmus aquosus--Cont.

213(34; 6.8)	214(17; 3.6)	215(128; 19.1)	216(4; 0.9)	225(1; *)
226(10; 2.7)	227(10; 1.8)	228(9; 1.8)	229(2; *)	230(7; 2.3)
231(3; 0.5)	232(19; 2.7)	233(70; 11.8)	234(77; 18.1)	235(53; 10.0)
236(54; 11.8)	237(2; *)	238(1; *)	240(1; *)	242(37; 9.1)
243(3; *)	251(3; *)	253(1; *)	254(6; 1.4)	256(52; 5.9)
257(25; 2.3)	258(1; *)	259(4; *)	260(75; 5.9)	261(52; 8.2)
262(356; 58.5)	263(49; 5.4)	264(29; 13.2)	265(33; 7.3)	266(9; 1.4)
267(1; *)	268(6; 0.9)	270(12; 2.3)	271(7; 1.4)	272(150; 22.7)
273(21; 3.2)	274(33; 6.8)	275(75; 9.5)	276(44; 8.6)	277(45; 10.4)
278(22; 3.6)	279(36; 6.8)	280(4; 0.5)	281(7; 1.8)	293(108; 20.4)
294(57; 10.0)	295(118; 20.9)	297(21; 4.1)	298(59; 9.1)	299(17; 2.3)
300(9; 0.5)	301(1; *)	303(1; *)	304(1; *)	305(1; *)
306(5; *)	307(2; 0.5)	308(2; *)	309(3; *)	310(1; *)
311(12; 1.8)	312(2; *)	314(1; *)	315(2; *)	316(41; 3.6)
317(7; *)	318(71; 9.1)	319(95; 9.5)	320(70; 9.1)	321(151; 21.3)
322(178; 20.4)	323(240; 20.0)	324(54; 12.7)	325(103; 21.8)	326(13; 2.3)
327(39; 5.0)	328(5; 1.4)	329(6; 0.9)	330(62; 12.7)	331(62; 9.1)
332(115; 21.8)	333(109; 18.6)	334(36; 33.1)	335(4; 0.9)	341(53; 10.0)
342(12; 4.1)	343(1; *)	351(1; *)	352(4; 0.5)	353(53; 10.9)
354(57; 10.9)	356(59; 7.3)	357(52; 10.4)	359(1; *)	360(1; 0.5)
375(1; *)	383(1; *)	386(29; 1.8)	387(14; 1.4)	388(3; 0.5)
389(13; 1.8)	390(14; 4.5)	391(62; 12.2)	392(64; 10.4)	393(51; 7.7)
394(55; 8.6)	395(46; 5.0)	396(13; 1.8)	397(26; 4.1)	398(53; 12.2)
399(36; 5.0)	400(25; 6.8)	401(3; 0.9)	402(5; 0.9)	403(7; 0.9)
404(1; *)	405(24; 4.5)	406(39; 8.6)	407(22; 5.0)	409(2; 0.5)
415(8; 2.7)	423(10; 2.3)	425(59; 13.6)	426(45; 10.9)	427(39; 10.4)
428(40; 11.8)	429(13; 3.6)	430(18; 3.6)	431(47; 10.0)	432(10; 1.8)
433(6; 1.8)	434(27; 7.3)	435(39; 7.7)	436(9; 1.8)	437(2; *)
438(42; 9.1)	443(16; 2.7)	444(5; 1.8)	445(15; 3.2)	446(5; 1.4)
454(5; 1.4)	455(6; 1.8)	459(35; 3.2)	460(19; 7.7)	461(22; 5.9)
462(22; 4.5)	463(4; *)	464(4; 0.9)	465(1; *)	466(13; 3.2)
467(14; 4.1)	470(17; 3.6)	471(6; 0.9)	472(10; 2.3)	473(5; 0.9)
474(23; 6.8)	475(8; 1.8)	477(4; 0.9)	478(6; 1.4)	479(14; 2.7)
480(9; 2.3)	481(3; 0.9)	482(6; 1.4)	484(3; 1.4)	485(2; 0.5)
487(2; 0.5)	490(3; *)	498(1; *)	500(1; *)	501(3; 0.5)
502(58; 14.5)	503(46; 13.2)	504(63; 15.4)	505(53; 9.5)	506(20; 5.0)
507(75; 15.9)	508(26; 7.3)	509(49; 15.0)	510(30; 8.6)	511(89; 22.2)
512(6; 1.8)	513(12; 2.7)	515(5; 1.8)	516(2; 0.5)	517(21; 6.4)
518(29; 8.3)	519(9; 2.3)	520(2; 0.5)	521(30; 5.9)	522(1; *)
523(32; 6.4)	524(10; 3.2)	525(4; 0.9)	526(9; 2.7)	527(4; 1.4)
542(7; 1.8)	543(2; 0.5)	544(2; 0.5)	545(4; 1.4)	546(12; 2.7)
553(1; *)	554(6; 0.9)	556(5; 0.5)	557(1; *)	559(2; 0.5)
560(9; 1.4)	561(3; 0.9)	562(22; 4.5)	563(8; 1.4)	564(1; *)
565(6; 0.9)	566(4; 0.9)	567(7; 1.8)	568(64; 4.5)	569(98; 24.0)
570(268; 60.3)	571(12; 2.3)	572(55; 12.7)	573(23; 6.4)	574(19; 3.6)
575(4; 1.4)	577(38; 8.2)	578(14; 3.6)	579(98; 20.4)	580(91; 21.8)
581(113; 25.9)	582(227; 53.5)	583(171; 12.2)	584(49; 12.7)	585(12; 2.7)
586(5; 1.4)	587(8; 2.7)	588(30; 7.7)	589(56; 15.0)	590(264; 32.7)
591(18; 4.5)	592(58; 14.1)	593(50; 11.3)	594(65; 15.4)	595(18; 3.6)
596(2; *)	598(1; *)	599(1; 0.5)	616(1; *)	617(8; 2.7)
618(1; *)	620(5; 1.8)	621(9; 2.3)	622(29; 7.3)	623(57; 13.6)
624(107; 24.0)	625(90; 18.1)	626(7; 2.3)	627(3; 0.5)	628(2; 0.5)
629(2; *)	634(1; *)	635(4; *)	637(36; 8.2)	638(71; 14.5)
639(385; 71.2)	640(29; 5.4)	641(18; 4.5)	642(14; 2.3)	643(107; 17.7)

Table 3.--Continued

Scophthalmus aquosus--Cont.

644(543; 67.6)	645(101; 20.4)	646(66; 15.0)	647(12; 2.7)	648(24; 5.9)
649(128; 32.7)	650(180; 38.6)	651(34; 8.2)	652(1; 0.5)	653(74; 19.5)
654(2; 0.5)	655(96; 23.1)	658(2; 0.9)	659(1; *)	660(1; *)
662(4; 0.9)	663(1; *)	683(15; 3.2)	684(15; 3.2)	685(209; 43.5)
686(15; 3.6)	687(52; 12.7)	688(106; 25.9)	689(403; 80.7)	690(778; 144.7)
691(40; 9.1)	692(4; 0.9)	693(4; 0.9)	694(13; 3.2)	695(1; *)
696(1; *)	697(3; 0.5)	699(16; 4.1)	700(207; 43.5)	

PLEURONECTIDAE

Glyptocephalus cynoglossus, witch flounder

160(1; 0.9)	163(5; 0.5)	164(8; 0.5)	206(6; 0.9)	228(2; 0.9)
286(43; 5.0)	296(3; 1.4)	330(1; 0.5)	337(1; *)	339(1; 0.5)
340(1; 0.5)	346(229; 122.5)	396(1; 0.5)	416(1; 0.5)	417(36; 13.2)
420(28; 5.0)	421(1; *)	437(1; 1.4)	441(1; *)	458(3; 0.5)
522(1; *)	531(8; 1.4)	535(1; *)	537(5; 0.9)	601(6; 2.7)
604(1; *)	605(1; *)	609(1; *)	612(35; 3.2)	613(2; 0.5)
616(1; 0.5)	619(2; 0.9)	662(1; 0.5)	668(1; 0.9)	669(2; *)
671(1; *)	672(1; *)	673(5; 1.4)	674(2; 0.9)	677(1; *)

Limanda ferruginea, yellowtail flounder

27(1; 0.5)	31(10; 3.2)	41(1; 0.5)	53(1; *)	55(3; *)
57(4; 0.9)	58(14; 0.9)	87(4; *)	93(1; *)	94(4; 0.9)
96(1; 0.5)	104(1; *)	105(7; 0.5)	106(4; 0.5)	113(1; *)
114(2; *)	115(2; *)	141(1; *)	152(34; 2.7)	153(20; 1.4)
155(1; *)	156(3; 0.5)	177(1; *)	178(1; *)	202(1; *)
217(1; 0.5)	223(6; *)	224(101; 9.1)	225(207; 17.2)	226(44; 7.3)
227(2; *)	230(1; *)	260(20; *)	261(1; *)	264(8; *)
280(4; 0.9)	281(6; 0.9)	282(6; 1.8)	283(13; 1.8)	292(7; 3.2)
293(1; *)	321(5; *)	322(1; *)	324(1; 0.5)	327(1; *)
329(3; 1.4)	330(8; 3.2)	331(2; 0.5)	335(10; 3.2)	336(3; 0.9)
337(2; 0.5)	338(8; 0.9)	339(1; 0.5)	341(3; 0.9)	342(7; 3.2)
343(2; 0.5)	351(1; *)	353(2; 0.5)	354(1; *)	357(8; 2.3)
391(1; *)	392(15; 7.3)	393(19; 5.9)	394(8; 1.8)	395(21; 7.7)
396(39; 14.5)	397(41; 12.7)	398(44; 9.5)	399(17; 5.0)	400(7; 2.7)
402(2; 0.5)	403(48; 18.1)	404(1; 0.5)	405(41; 15.0)	406(81; 22.7)
407(23; 6.8)	408(2; 0.9)	409(9; 4.1)	415(3; 0.9)	421(1; 0.5)
423(8; 3.2)	425(7; 2.7)	426(1; 0.5)	427(5; 2.3)	428(8; 4.5)
429(5; 2.3)	430(22; 10.0)	431(14; 6.8)	432(1; 0.5)	433(37; 14.5)
434(25; 8.6)	435(90; 32.7)	436(17; 6.8)	437(78; 30.8)	438(11; 4.1)
443(8; 2.3)	444(6; 2.3)	445(2; 0.9)	446(4; 1.4)	447(3; 1.4)
452(10; 5.4)	453(5; 2.3)	454(4; 1.4)	460(1; 0.5)	461(1; *)
462(2; 1.4)	463(27; 10.9)	464(15; 4.1)	465(1; *)	467(3; 0.9)
470(1; 0.5)	471(1; *)	472(1; 0.5)	476(1; *)	477(7; 2.3)
478(7; 2.7)	479(41; 11.3)	480(2; 0.5)	481(5; 2.3)	485(1; 0.5)
501(3; *)	502(2; 0.9)	505(12; 1.8)	506(26; 8.6)	507(26; 7.7)
508(32; 11.3)	509(5; 1.8)	510(9; 3.2)	511(2; 0.5)	512(18; 6.8)
513(24; 6.4)	515(13; 3.2)	516(10; 3.2)	517(1; 0.9)	519(1; 0.5)
520(2; 1.4)	521(4; 1.4)	522(24; 8.2)	523(18; 4.5)	524(3; 1.4)
525(1; *)	526(20; 8.6)	527(13; 3.2)	529(4; 1.8)	542(1; *)
543(2; 0.9)	544(14; 5.4)	545(6; 2.3)	546(26; 7.3)	547(1; *)
572(15; 3.6)	573(4; 0.5)	574(20; 2.3)	575(26; 6.8)	576(2; 0.9)
577(12; 3.6)	578(3; 1.4)	582(2; *)	583(1; 0.5)	584(8; 2.3)
585(189; 28.6)	586(67; 12.2)	587(54; 17.2)	588(19; 6.4)	590(1; 0.5)

Table 3.--Continued

Limanda ferruginea--Cont.

591(3; 0.9)	594(23; 8.2)	595(51; 14.5)	596(24; 6.4)	597(40; 11.3)
598(27; 9.5)	599(32; 11.3)	600(14; 5.0)	601(47; 22.2)	602(3; 1.4)
608(4; 1.8)	616(3; 1.4)	617(2; 0.9)	618(5; 1.8)	619(9; 4.1)
620(8; 2.3)	621(5; 1.4)	622(2; 0.5)	627(17; 6.8)	641(2; *)
642(6; *)	643(1; *)	652(33; 10.0)	653(1; 0.5)	654(34; 12.2)
655(1; 0.5)	656(16; 11.8)	657(7; 3.2)	658(64; 6.4)	659(19; 3.2)
660(3; 0.5)	661(3; *)	662(2; 0.9)	665(8; 4.1)	666(11; 4.1)
667(3; 1.4)	668(1; *)	681(1; 0.5)	687(2; *)	694(1; *)
695(7; *)	696(3; *)	697(1; *)	698(1; *)	

Pseudopleuronectes americanus, winter flounder

3(3; *)	4(3; 0.5)	6(1; *)	9(2; 0.5)	10(25; 3.2)
11(1; *)	12(1; *)	16(11; 1.4)	17(21; 2.3)	18(6; 0.5)
19(12; 1.4)	20(9; 1.8)	21(49; 9.5)	22(5; 1.4)	23(5; 1.4)
24(9; 2.3)	25(23; 5.9)	26(2; 0.5)	27(24; 6.4)	28(4; 1.4)
29(1; *)	30(8; 2.7)	31(1; 0.5)	41(1; 0.5)	42(1; 0.5)
43(8; 2.7)	44(25; 9.1)	45(10; 2.7)	46(5; 0.9)	47(5; 1.4)
48(4; 0.9)	50(3; 0.9)	51(5; 1.4)	52(35; 10.9)	53(122; 34.9)
55(7; 2.7)	56(9; 4.5)	57(10; 4.5)	59(7; 3.2)	60(4; 0.5)
61(1; *)	62(15; 0.9)	63(13; 0.9)	66(1; *)	67(3; *)
68(7; *)	69(4; 0.5)	70(25; 2.3)	71(2; *)	72(2; *)
73(1; *)	77(3; *)	78(3; *)	79(13; 1.4)	80(4; 1.4)
81(9; 3.2)	83(2; 0.5)	85(10; 2.3)	86(6; 0.9)	87(18; 4.5)
90(3; 0.5)	93(1; 0.5)	94(7; 2.3)	105(7; 2.7)	106(7; 2.3)
107(3; 0.9)	112(7; 1.8)	115(14; 1.8)	116(3; 0.5)	119(1; *)
135(1; *)	136(3; 0.5)	142(3; 0.5)	146(1; *)	149(1; *)
152(7; 1.8)	153(2; 0.5)	154(5; 1.4)	155(3; 0.9)	156(2; 0.5)
157(1; 0.5)	168(1; *)	171(1; *)	175(3; 0.5)	177(1; *)
178(2; *)	179(2; *)	180(2; 0.5)	183(1; *)	184(4; 0.5)
185(5; 0.5)	186(2; *)	187(4; 0.5)	188(3; *)	189(1; *)
190(3; *)	192(14; 1.4)	193(2; *)	195(8; 0.5)	196(16; 0.9)
199(1; *)	200(1; *)	211(1; *)	226(1; *)	227(4; 1.8)
228(5; 1.4)	229(3; 0.5)	230(5; 1.4)	231(1; *)	236(3; 0.5)
237(2; *)	238(7; 0.5)	239(3; *)	240(3; *)	241(4; 0.5)
242(26; 4.1)	243(35; 5.0)	244(44; 5.0)	245(2; 0.5)	246(57; 4.5)
247(7; 0.9)	248(16; 0.9)	249(27; 2.7)	250(10; 0.9)	254(1; *)
256(12; 1.4)	257(43; 3.2)	258(80; 9.5)	259(8; 2.3)	260(9; 0.5)
262(2; *)	263(3; *)	266(4; 0.5)	267(2; 0.9)	268(2; 0.5)
269(1; *)	271(3; 0.9)	272(2; 0.5)	273(1; 0.5)	274(1; *)
277(3; 0.5)	280(3; 0.9)	281(1; *)	282(2; 0.9)	283(1; *)
292(3; 1.4)	293(2; 0.5)	295(9; 1.8)	296(2; *)	298(18; 6.8)
299(14; 1.4)	300(14; *)	301(11; 0.9)	302(7; *)	305(2; *)
306(2; *)	307(8; 0.9)	308(13; 2.3)	309(5; 0.5)	310(27; 5.0)
311(49; 2.7)	312(32; 3.6)	313(3; 0.5)	314(39; 2.7)	315(6; 0.9)
316(49; 5.9)	317(35; 5.4)	318(85; 3.2)	319(117; 4.1)	320(122; 14.5)
321(6; 0.9)	322(3; *)	323(12; 1.8)	324(6; 2.3)	325(5; 1.4)
326(6; 1.8)	327(4; 0.9)	328(2; 0.5)	329(3; 0.9)	330(36; 3.2)
331(17; 5.4)	332(14; 3.6)	333(25; 5.9)	334(9; 10.9)	335(6; 1.8)
336(2; 0.9)	341(4; 1.4)	342(2; 0.5)	343(5; 1.8)	347(1; 0.5)
352(2; 0.9)	353(2; 0.9)	354(4; 1.4)	356(3; 0.9)	360(2; 0.5)
361(1; *)	364(3; 0.5)	371(13; 1.4)	376(1; *)	386(44; 3.2)
387(31; 1.8)	388(18; 1.4)	389(34; 4.1)	390(39; 13.2)	391(12; 2.3)
392(10; 0.5)	393(2; 0.9)	394(9; 2.3)	395(20; 5.0)	396(6; 0.9)
397(3; 0.9)	398(2; 0.5)	399(11; 3.6)	400(20; 5.4)	401(10; 3.6)

Table 3.--Continued

Pseudopleuronectes americanus--Cont.

402(22; 6.8)	403(13; 3.2)	404(14; 5.9)	405(27; 5.4)	426(5; 2.7)
427(4; 2.7)	428(8; 3.2)	429(3; 0.9)	431(1; 0.5)	433(1; 0.5)
434(3; 1.4)	435(2; 0.9)	437(3; 0.5)	438(2; 0.5)	439(1; *)
459(9; 1.4)	460(6; 1.8)	461(7; 1.8)	462(14; 5.9)	463(3; 0.9)
464(2; 0.5)	466(1; *)	467(1; *)	470(1; *)	471(9; 3.2)
474(2; 0.5)	479(4; 0.9)	480(5; 1.8)	482(7; 1.8)	483(1; 0.5)
484(6; 2.7)	485(3; *)	489(3; *)	491(2; 0.9)	494(1; *)
496(1; *)	500(1; *)	501(17; 8.2)	502(14; 4.5)	503(9; 1.8)
504(3; 0.9)	505(26; 5.9)	506(4; 1.4)	507(18; 3.6)	508(18; 3.6)
509(12; 2.7)	510(11; 2.7)	511(4; 0.9)	512(29; 5.0)	513(3; 0.5)
516(1; 0.5)	517(9; 2.7)	518(12; 3.6)	519(2; 0.9)	520(3; 1.8)
521(1; *)	522(5; 0.9)	527(1; 0.5)	546(7; 2.3)	547(3; 0.5)
555(2; 0.5)	557(3; 0.5)	558(3; 0.9)	559(8; 1.4)	560(8; 1.8)
561(2; 0.5)	562(9; 1.4)	563(7; 0.9)	564(9; 1.8)	565(4; 0.5)
566(4; 0.9)	567(55; 5.9)	568(13; 3.2)	569(14; 3.2)	570(53; 10.0)
571(10; 1.8)	572(19; 5.0)	573(15; 8.6)	574(2; 0.5)	575(1; 0.5)
576(2; 0.9)	577(4; 1.4)	578(2; 0.5)	579(16; 3.2)	580(9; 3.2)
581(16; 4.1)	582(10; 2.7)	583(22; 7.3)	584(9; 2.7)	586(1; 0.5)
588(15; 3.2)	589(31; 9.1)	590(22; 5.4)	591(3; 0.5)	592(12; 2.7)
593(26; 5.4)	594(68; 13.6)	595(7; 0.9)	622(2; 1.4)	623(7; 3.2)
624(10; 1.8)	625(32; 10.4)	626(10; 4.1)	628(20; 1.4)	629(9; 0.5)
630(5; *)	633(2; *)	636(15; 0.9)	637(26; 4.1)	638(26; 4.5)
639(9; 1.4)	640(2; *)	641(9; 1.4)	642(44; 8.6)	643(28; 5.0)
644(183; 17.2)	645(78; 16.3)	646(72; 15.9)	647(25; 6.4)	648(36; 8.6)
649(30; 6.4)	650(12; 3.6)	651(40; 10.9)	652(11; 1.8)	653(47; 37.2)
655(20; 5.0)	659(8; 3.6)	662(4; 2.3)	666(1; 0.5)	682(1; 0.5)
683(8; 1.8)	684(3; 0.5)	685(13; 1.4)	686(6; 2.3)	687(15; 5.0)
688(4; 0.9)	689(7; 0.5)	690(12; 2.3)	691(11; 5.4)	692(5; 2.3)
693(8; 4.5)	694(6; 2.3)	695(4; 2.3)	696(3; 0.9)	697(2; 0.9)
698(4; 0.9)	699(20; 7.7)	700(8; 2.3)		

CYNOGLOSSIDAE

Symphurus plagiusa, blackcheek tonguefish

325(1; *) 539(1; *)

Symphurus sp.

36(1; *) 221(1; *) 421(1; *)

BALISTIDAE

Balistes caprisicus, grey triggerfish

164(1; *)

Monacanthus hispidus, planehead filefish

35(1; *)	86(1; *)	87(1; *)	90(1; *)	113(1; *)	114(1; *)
117(2; *)	134(1; *)	140(2; *)	142(4; *)	143(1; *)	144(3; *)
145(4; *)	150(6; *)	151(2; *)	157(1; *)	163(9; *)	164(3; *)
166(1; *)	168(2; *)	173(1; *)	187(1; *)	200(2; *)	201(2; *)
202(5; *)	203(3; *)	204(1; *)	205(6; *)	206(2; *)	207(2; 0.5)
208(2; *)	210(2; *)	211(2; *)	212(11; *)	213(7; *)	214(3; *)
215(14; 0.5)	216(2; *)	227(2; *)	233(4; *)	235(4; *)	236(3; *)
260(1; *)	266(7; 0.5)	268(7; *)	269(1; *)	270(1; *)	271(1; *)
273(6; *)	274(7; *)	275(2; *)	276(8; *)	277(6; *)	279(2; *)
293(37; 1.4)	294(1; *)	295(8; *)	297(2; *)	298(1; *)	324(2; *)
325(3; *)	329(2; *)	330(1; *)	335(3; *)	342(3; *)	353(2; *)
354(19; 0.9)					

Table 3.--Continued

TETRAODONTIDAE

Sphoeroides maculatus, northern puffer

35(1; *)	120(1; *)	137(1; *)	139(27; 0.5)	144(1; *)	198(12; 0.5)
199(5; *)	200(5; *)	201(8; 0.5)	202(7; *)	204(2; *)	206(1; *)
209(2; *)	212(15; *)	214(92; 2.7)	215(52; 0.5)	233(2; *)	234(8; 0.5)
236(2; *)	260(2; *)	261(1; *)	263(1; *)	264(2; *)	265(1; *)
266(2; *)	271(1; *)	272(10; *)	273(5; *)	274(1; *)	276(1; *)
294(2; *)	321(1; *)	322(1; *)	331(1; *)	332(6; *)	333(1; *)
334(2; *)					