

## **INDEX #15 – Figures**

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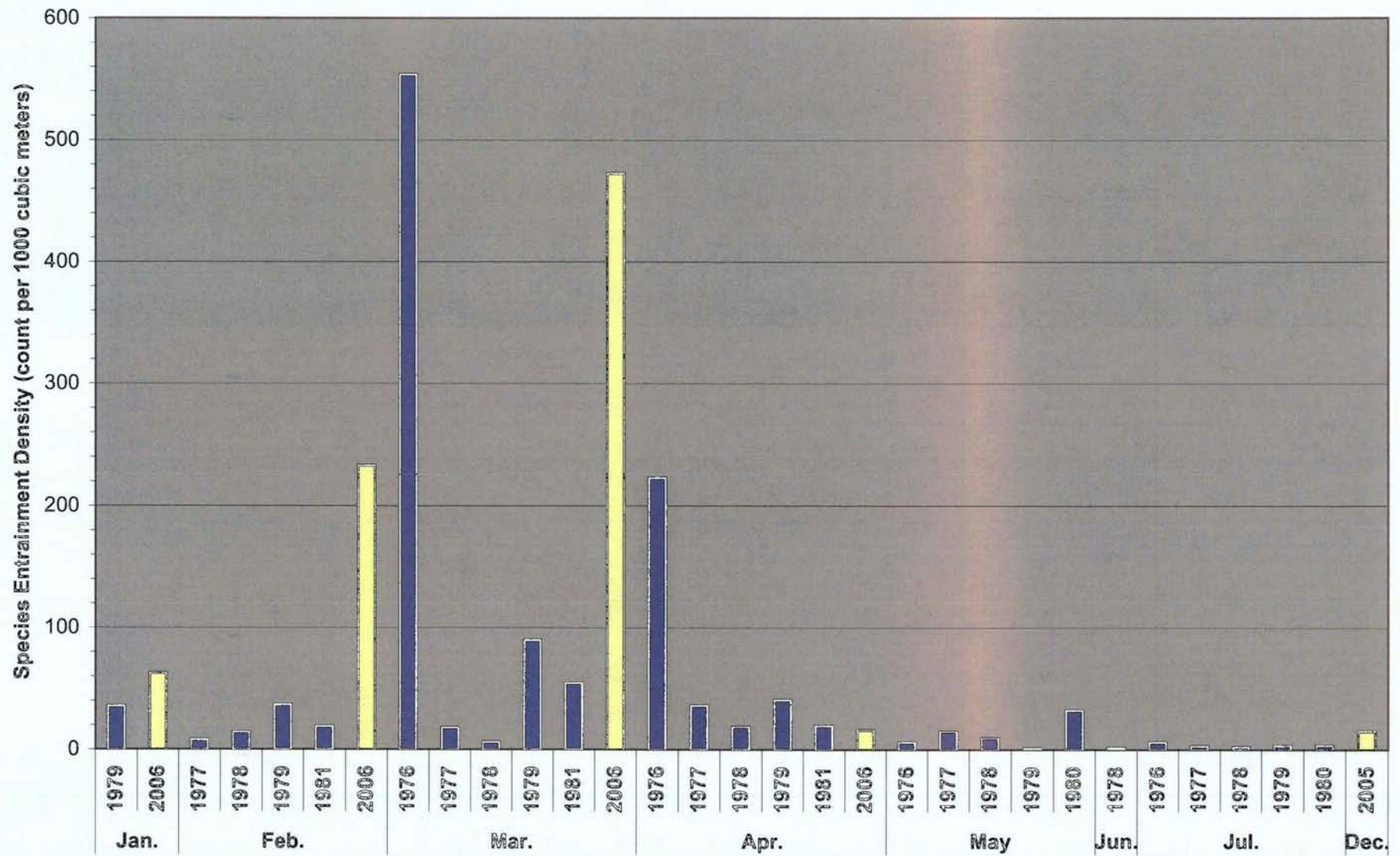
### **Average Monthly Entrainment Density Through Time**

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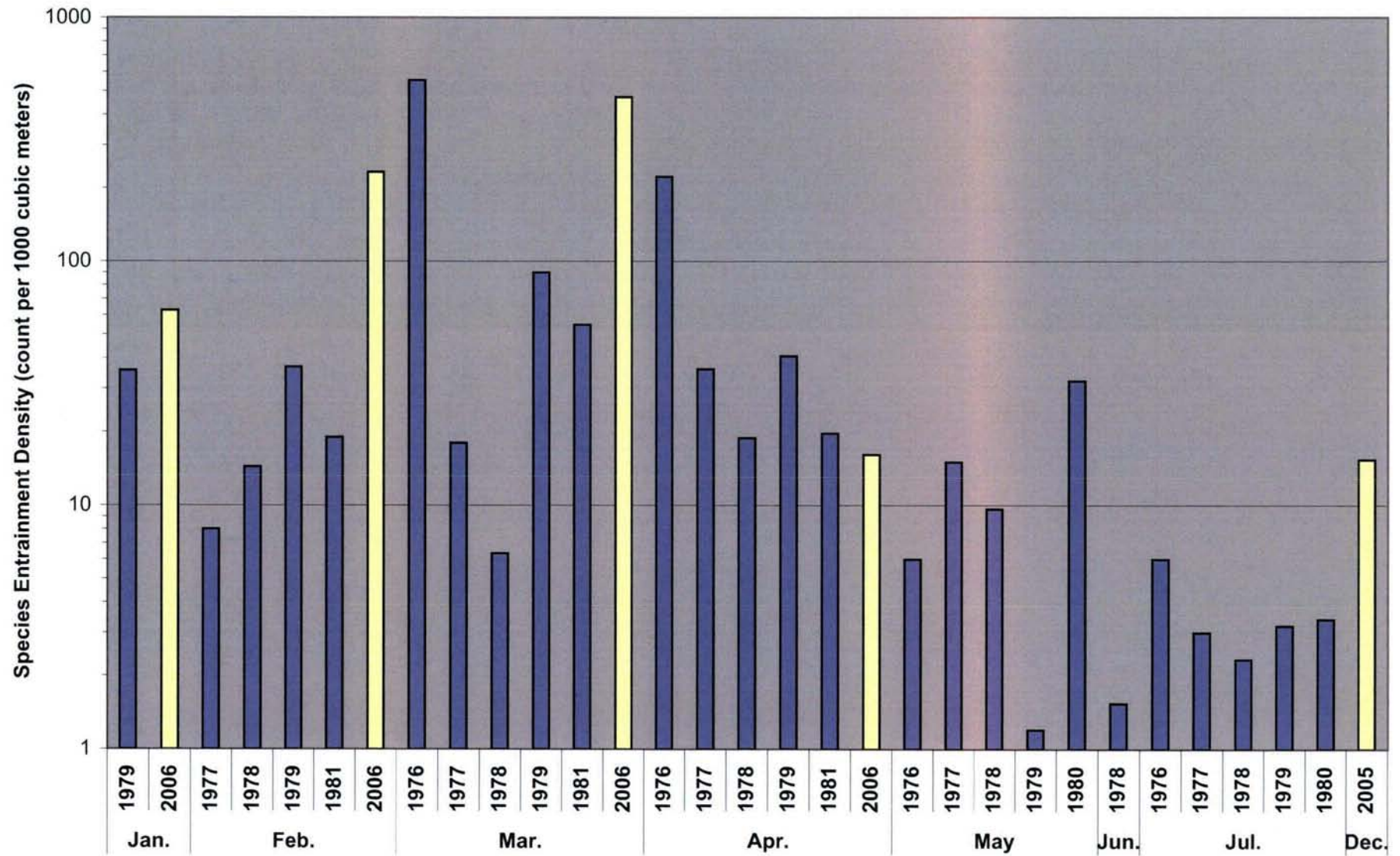
### **Yearly Entrainment for Selected Fish Species Through Time**

American eel, Atlantic menhaden, Atlantic silverside, Northern puffer, Summer flounder,  
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## American eel

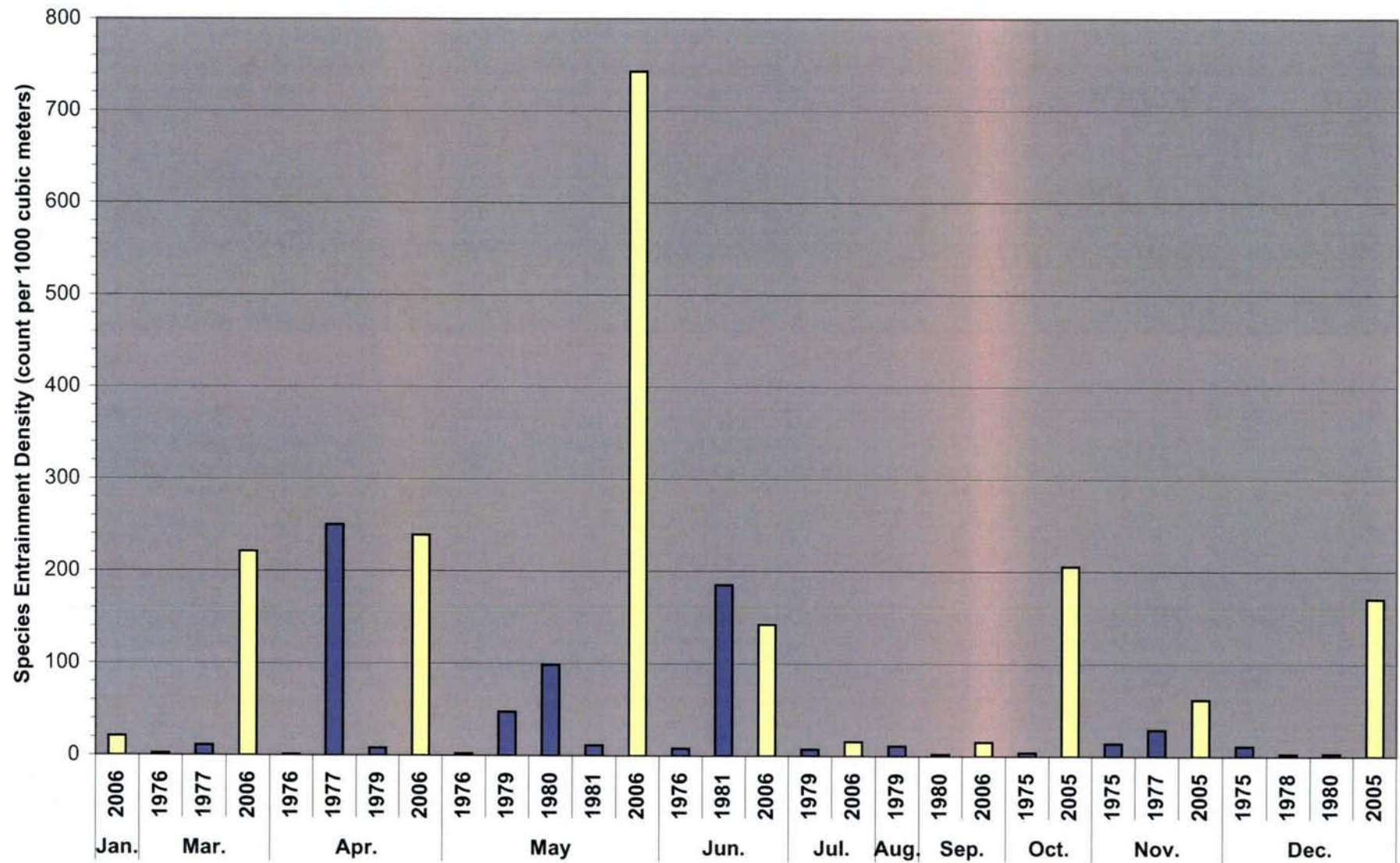


## American eel



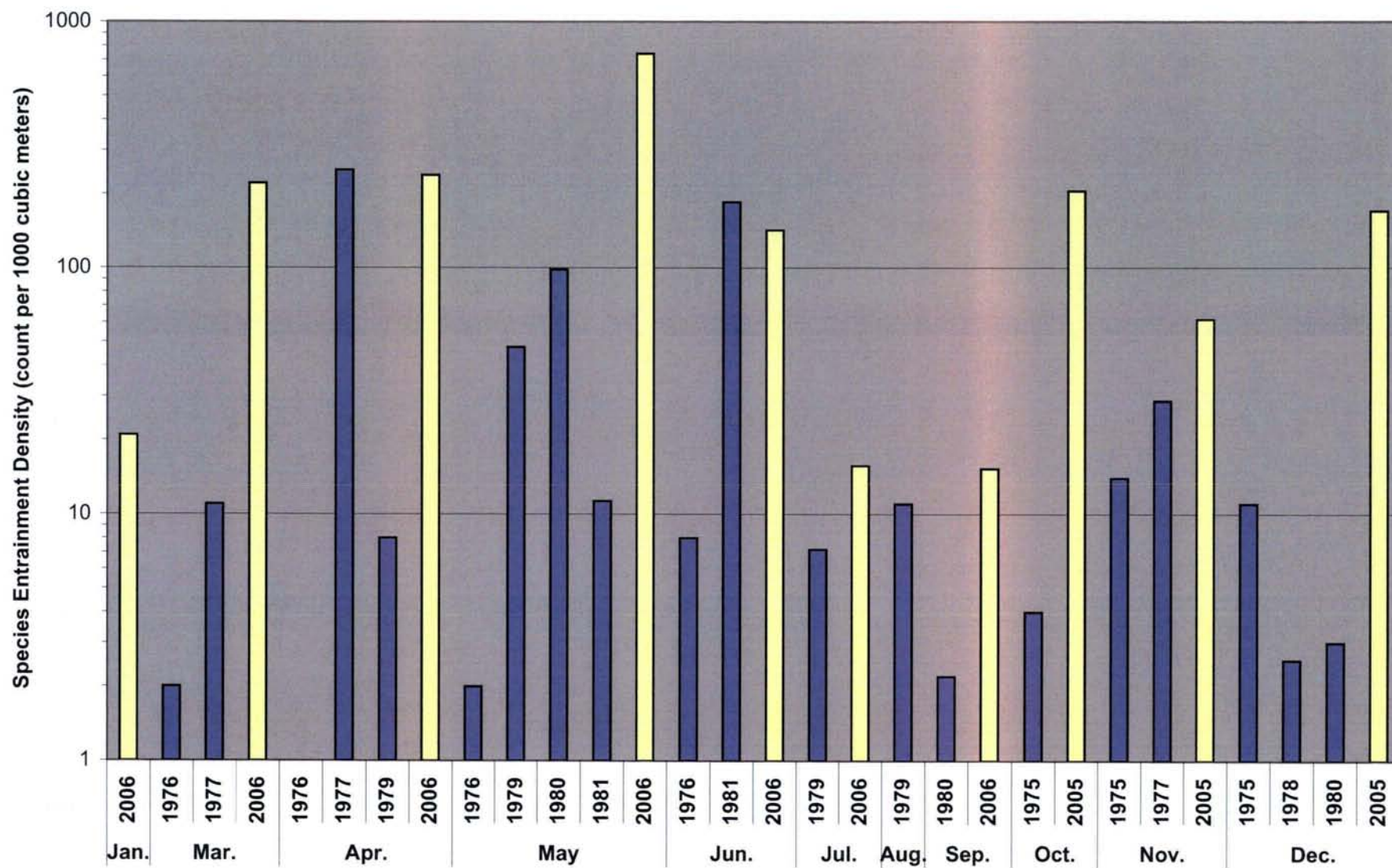


## Atlantic menhaden

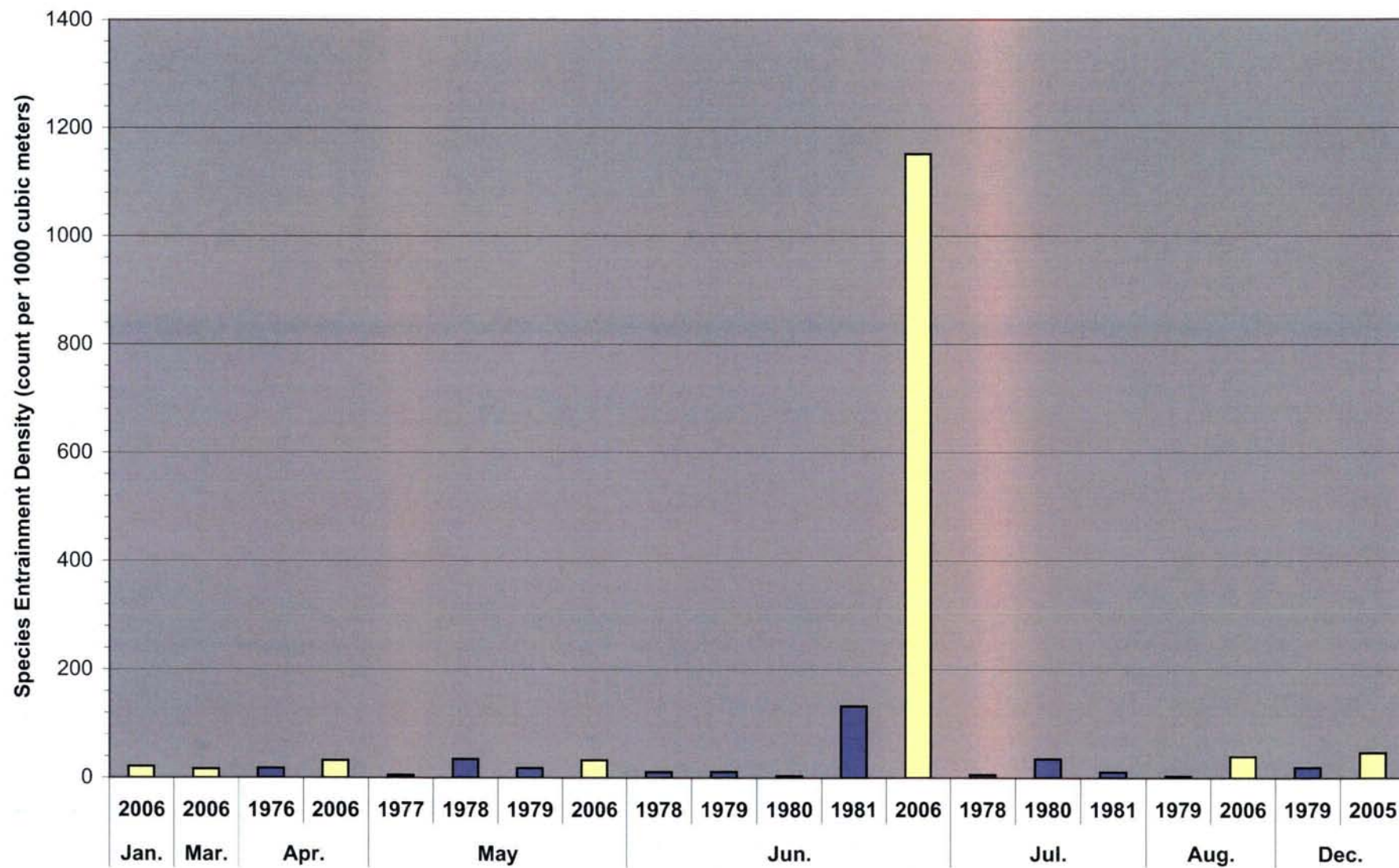




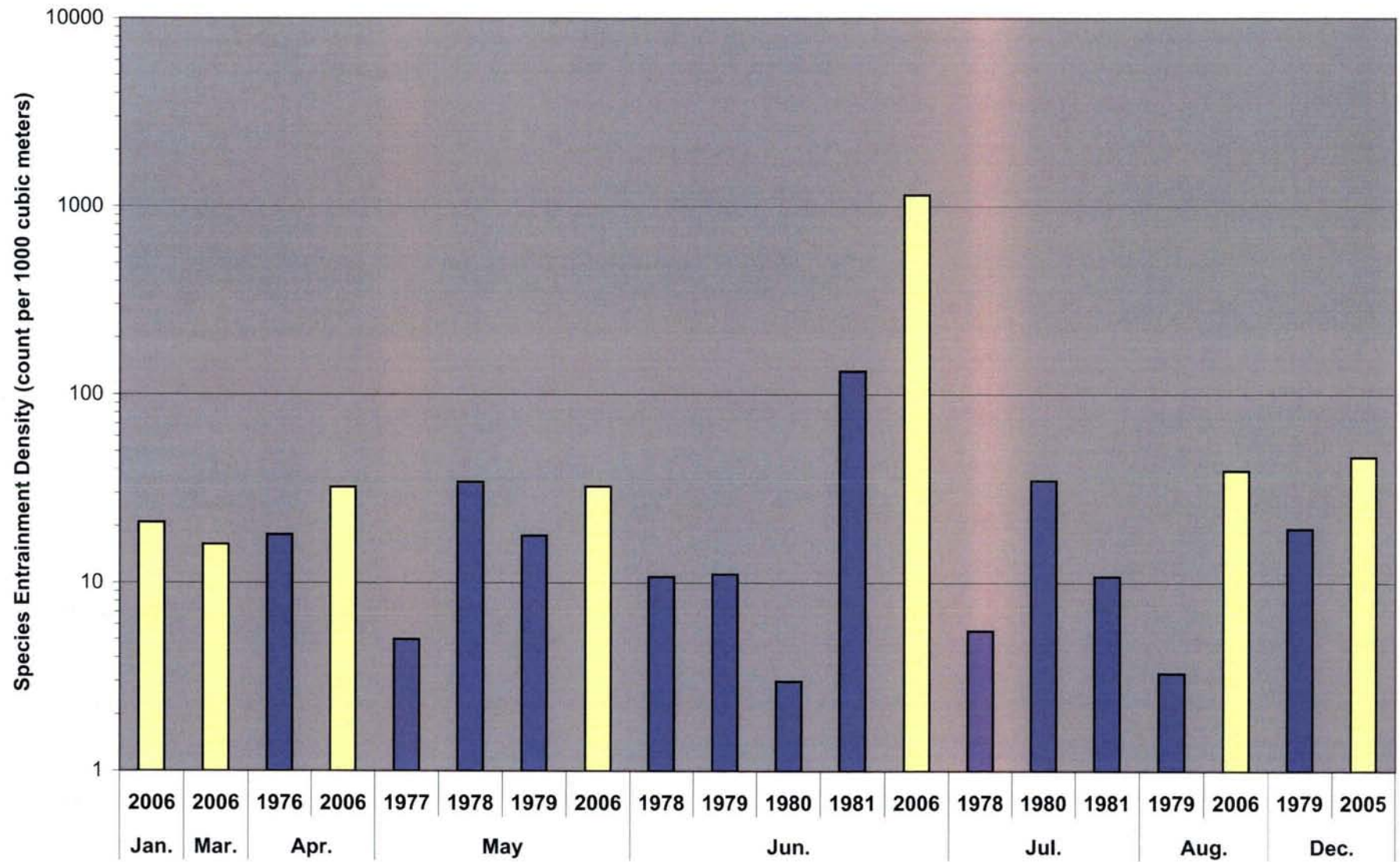
## Atlantic menhaden



## Atlantic silverside

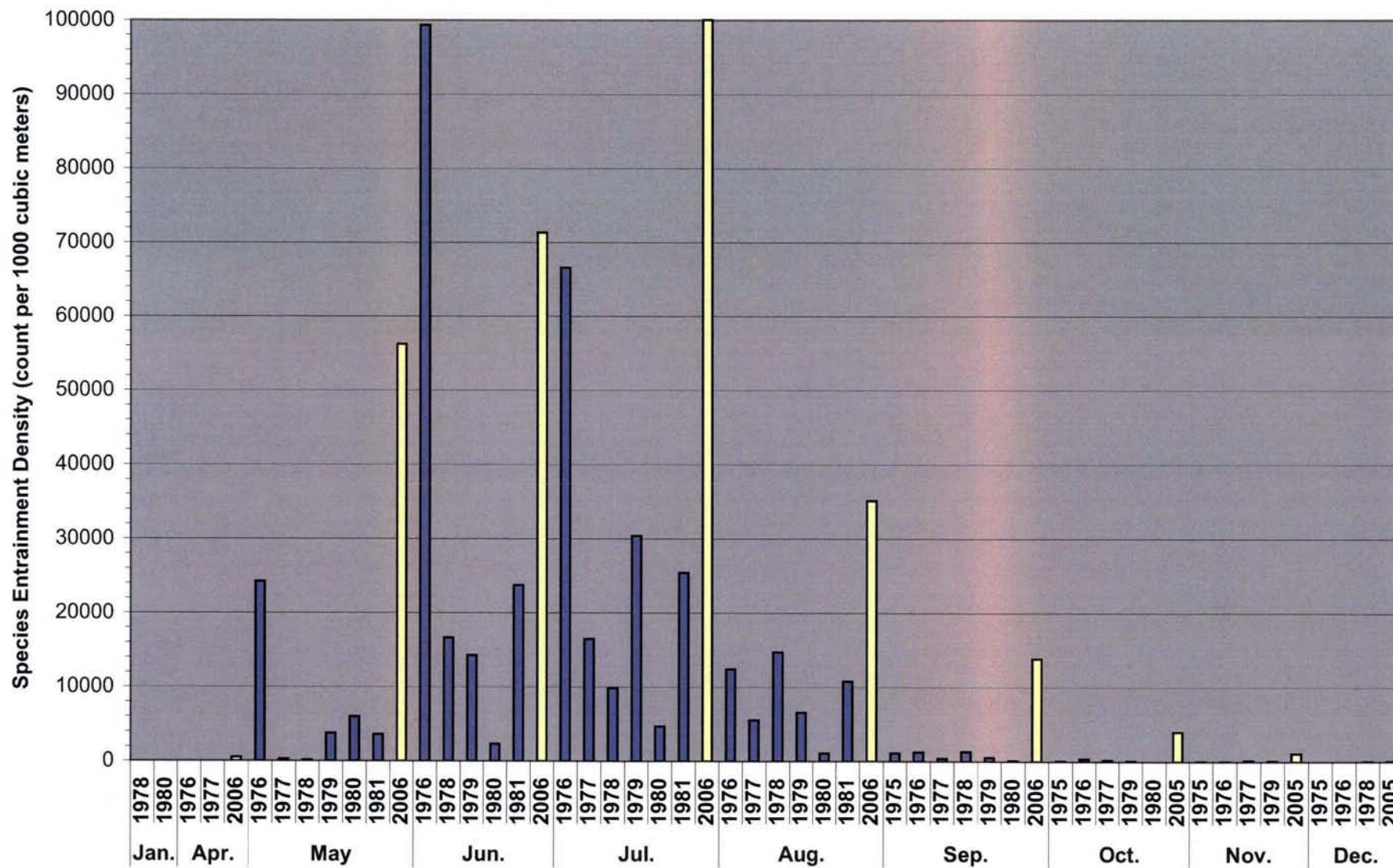


## Atlantic silverside

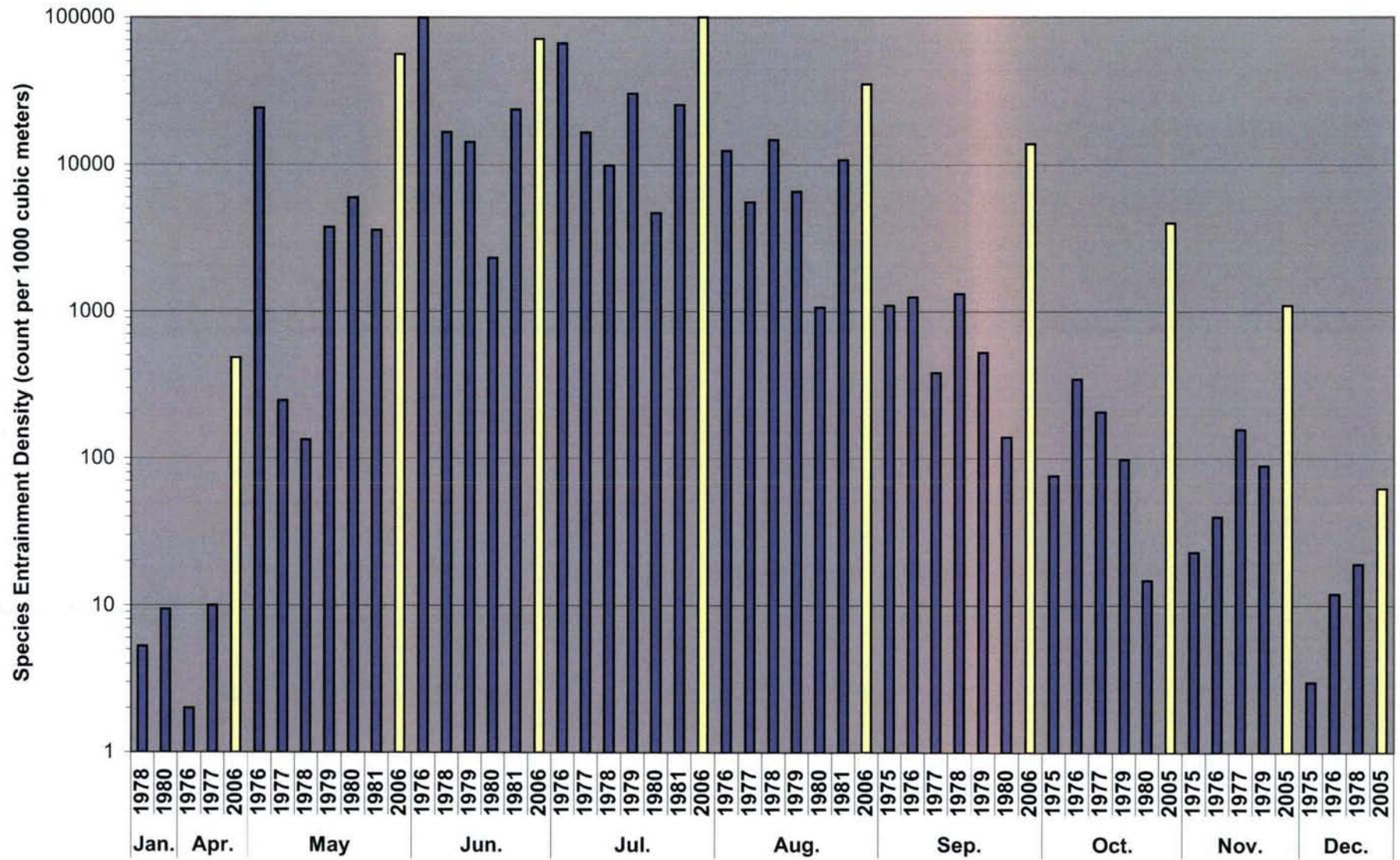




## Bay anchovy

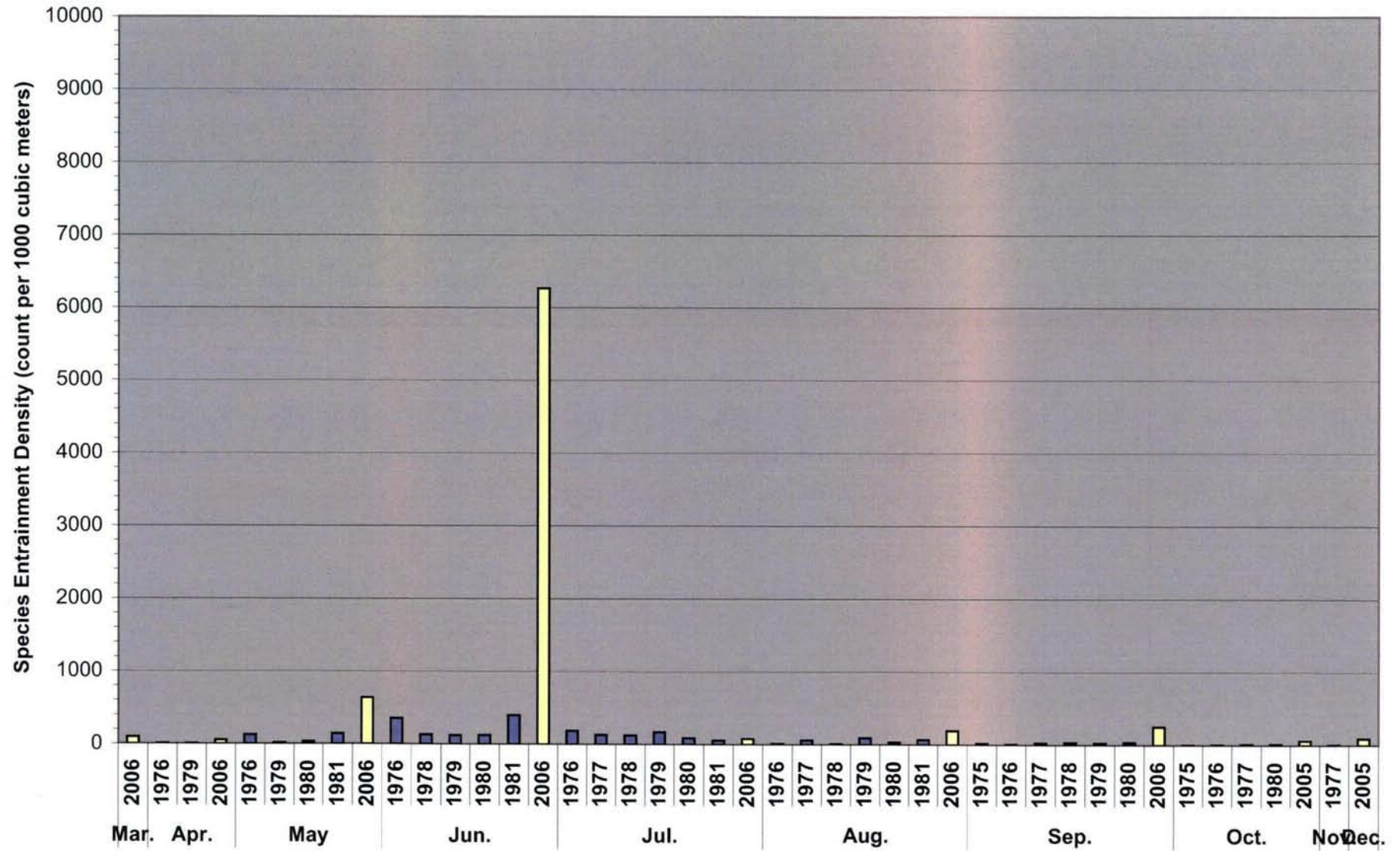


# Bay anchovy



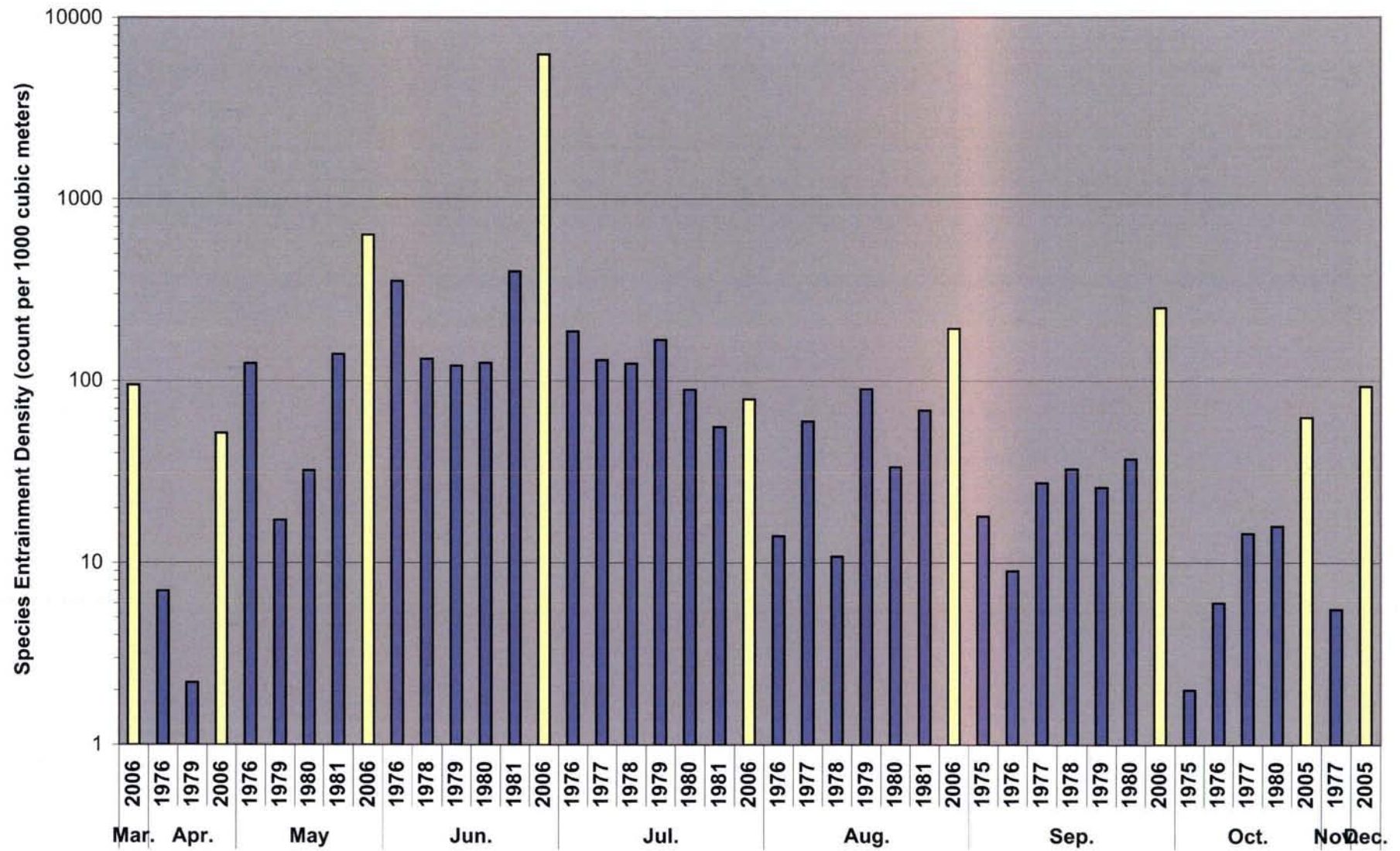


## Northern pipefish

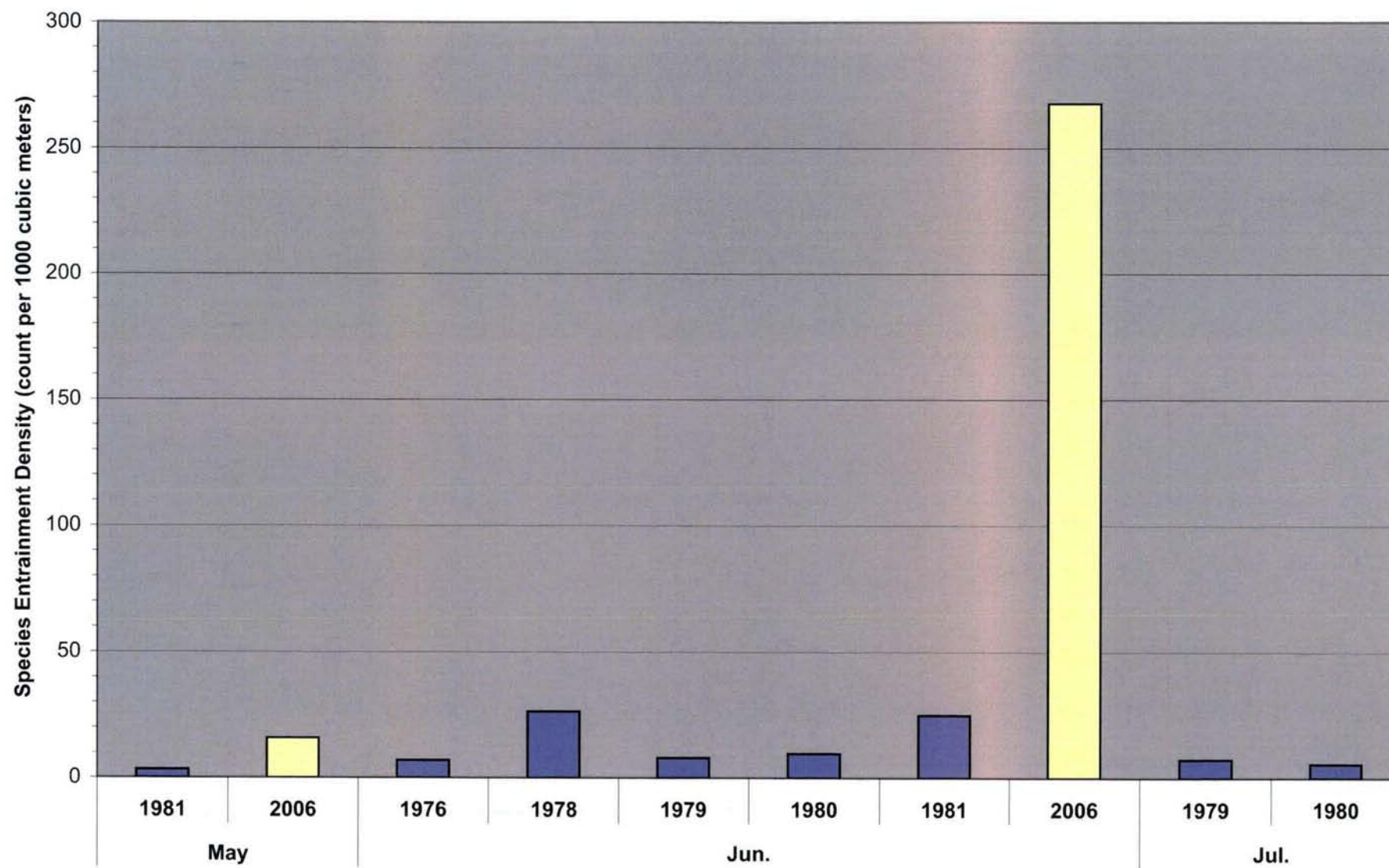




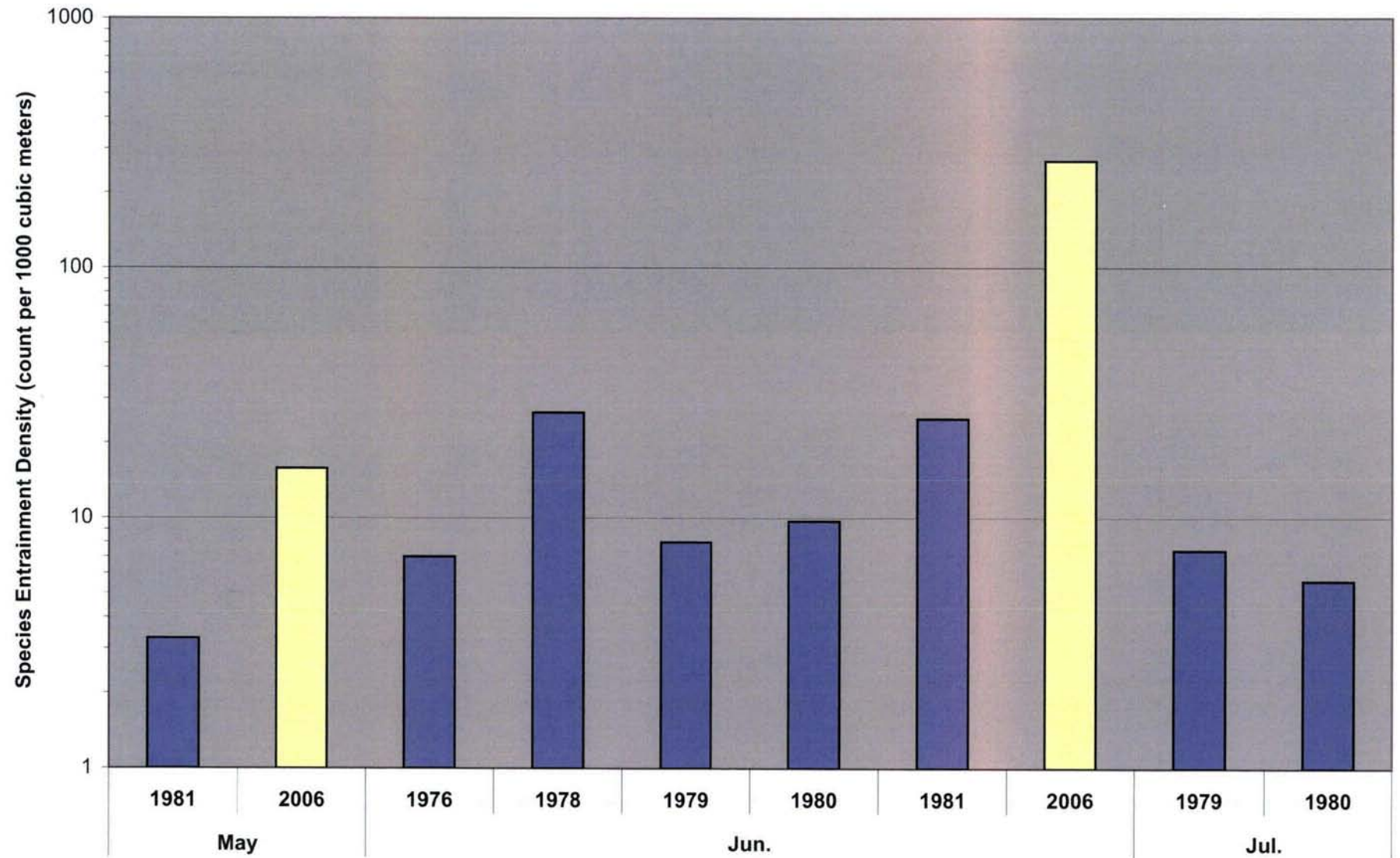
# Northern pipefish



## Northern puffer

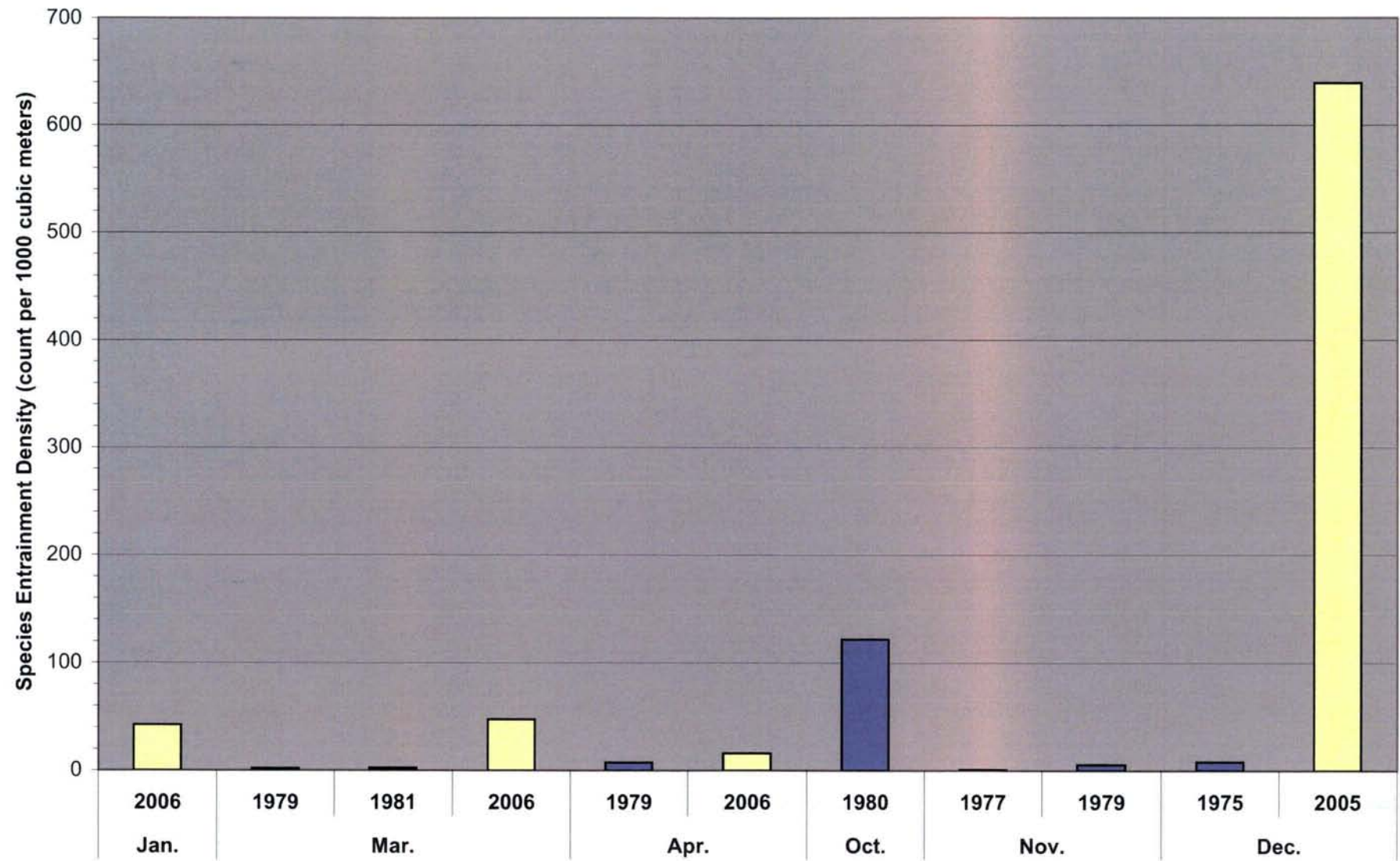


## Northern puffer

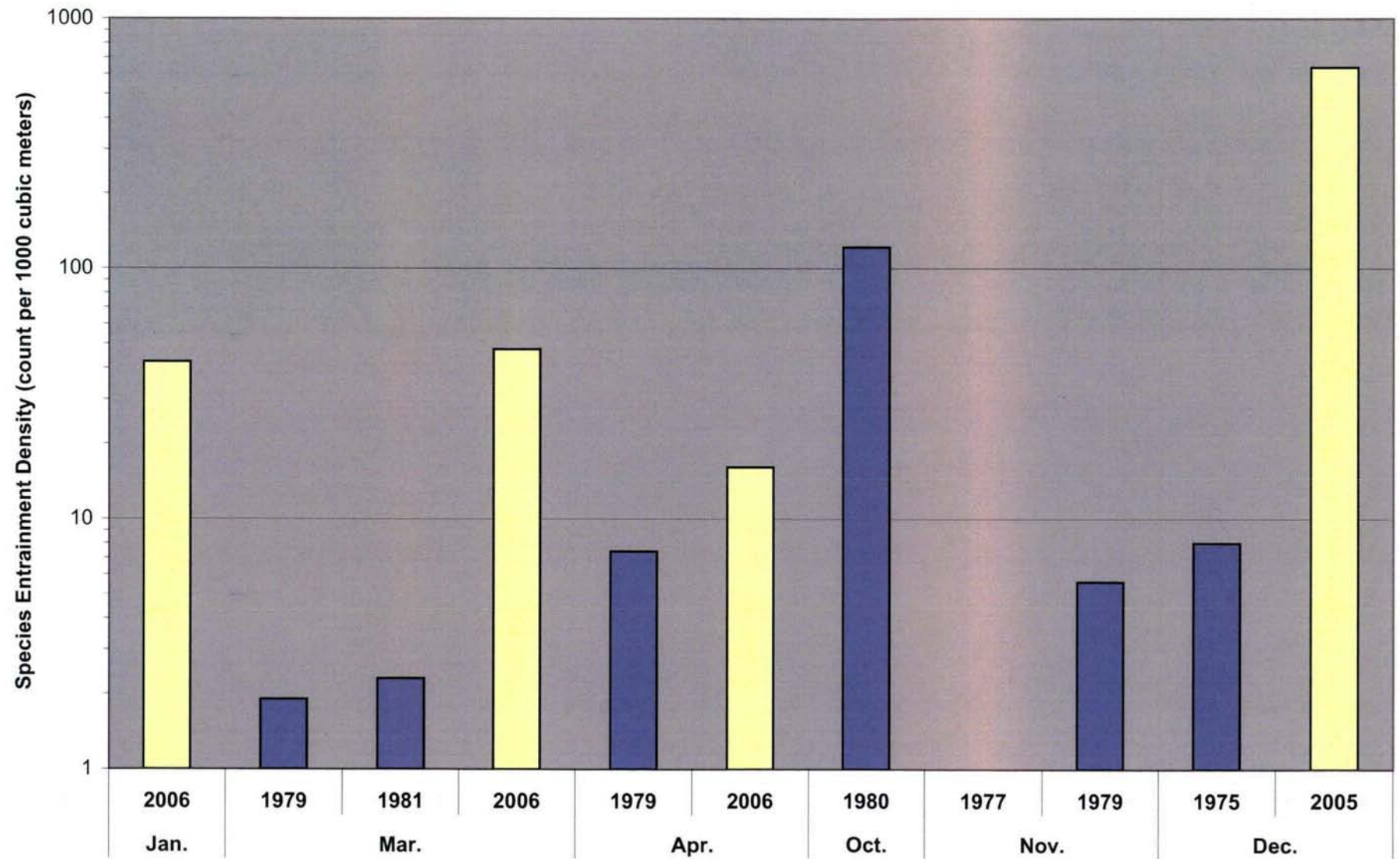




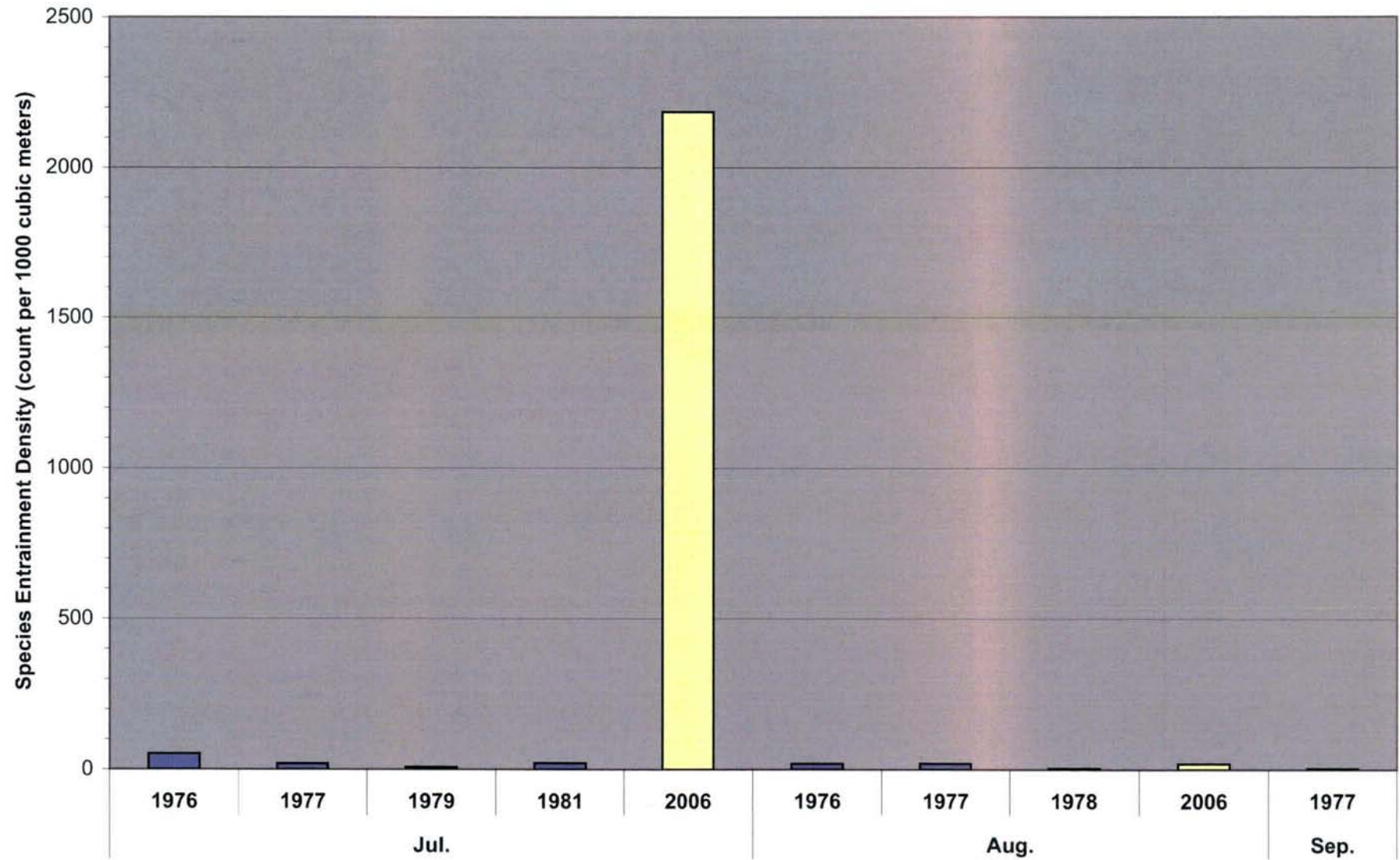
## Summer flounder



## Summer flounder

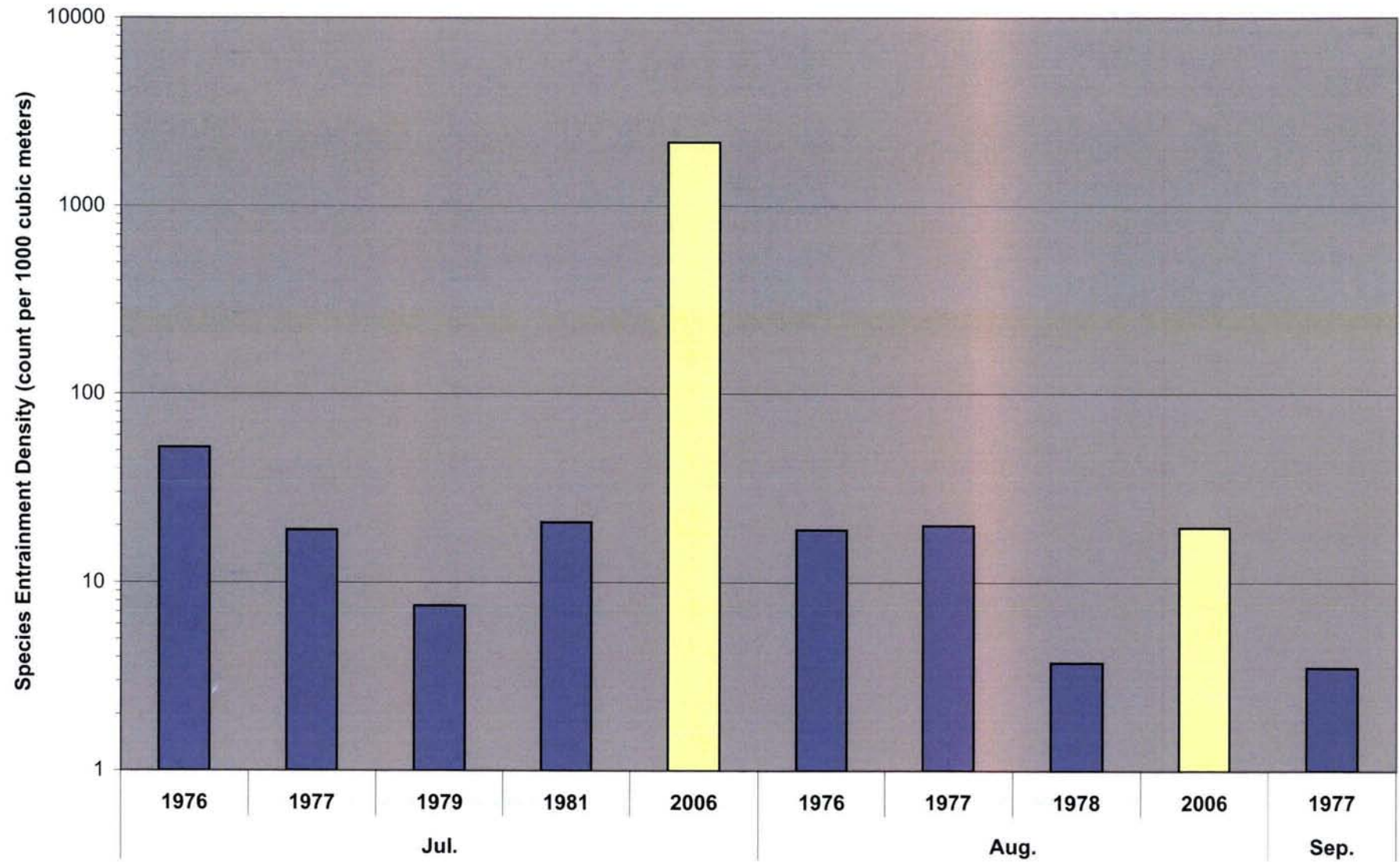


## Weakfish

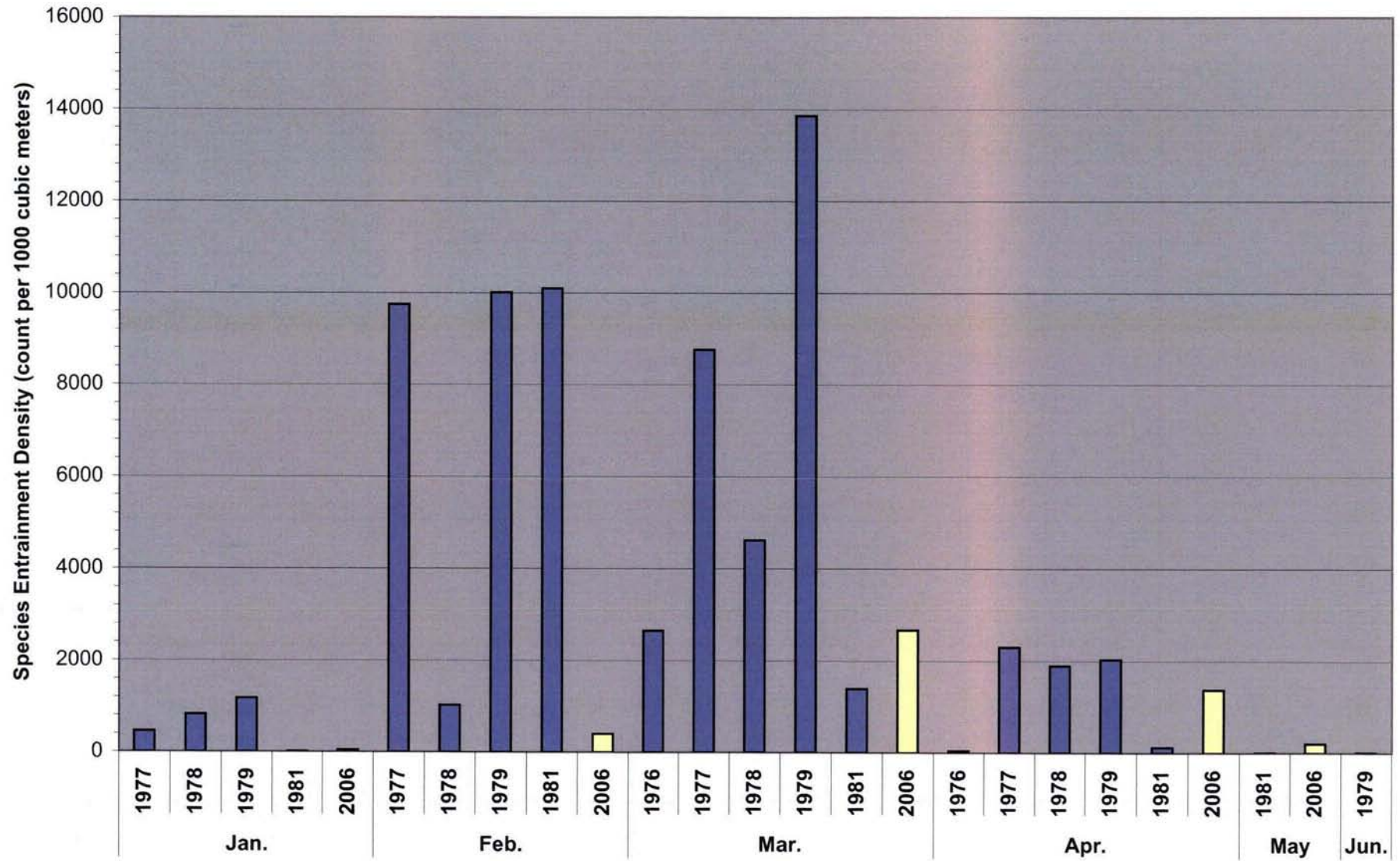




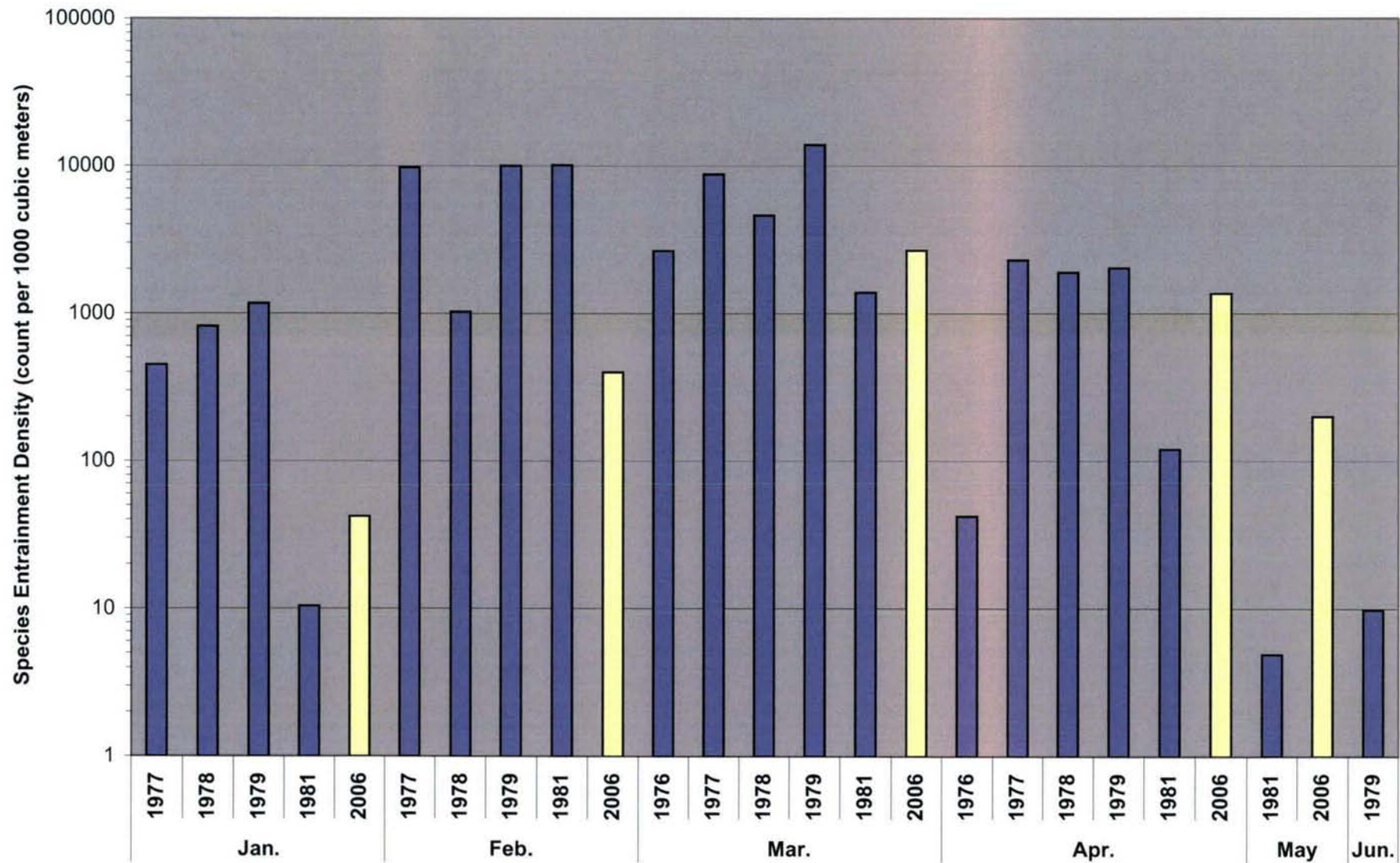
## Weakfish



## Winter flounder

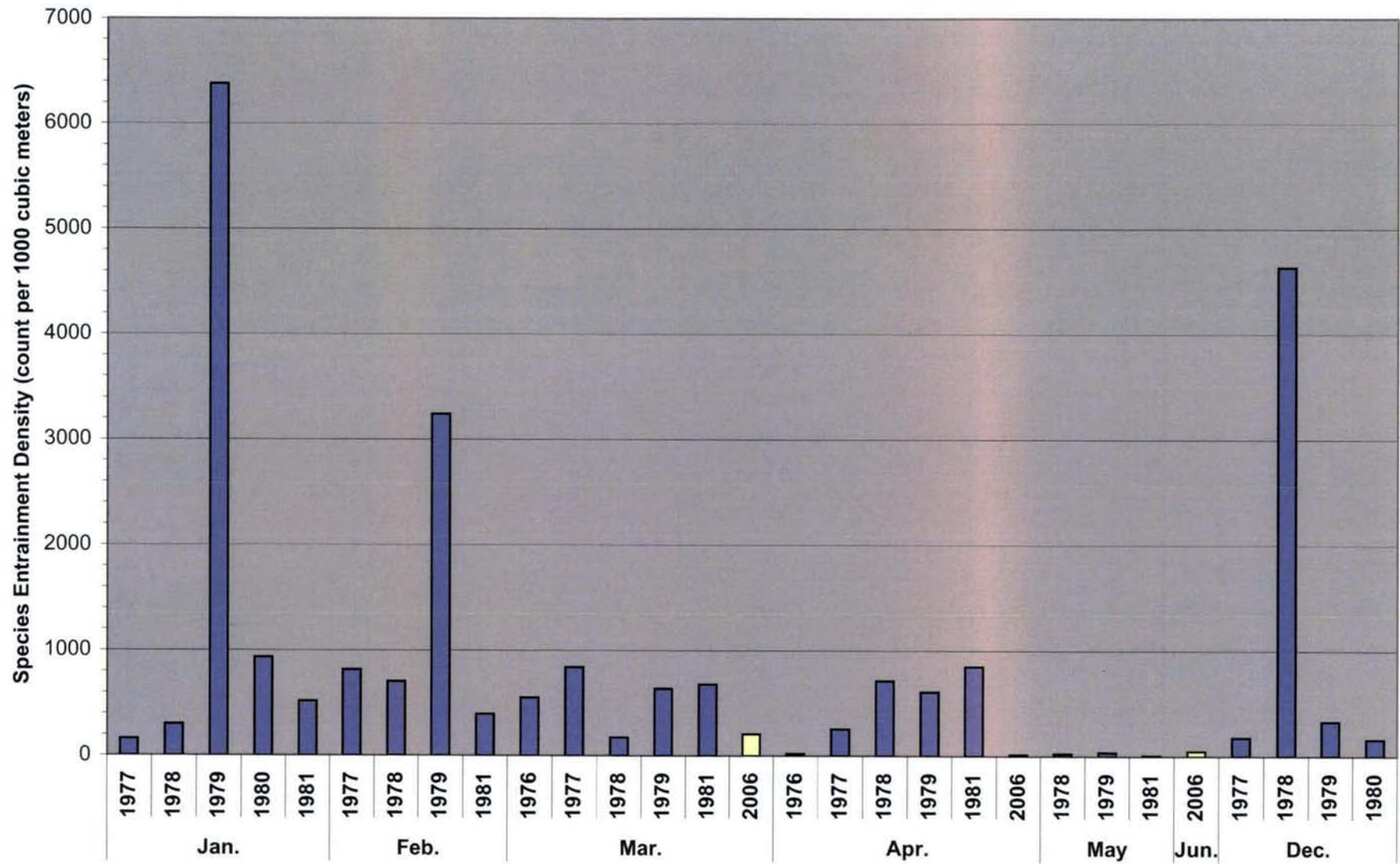


## Winter flounder

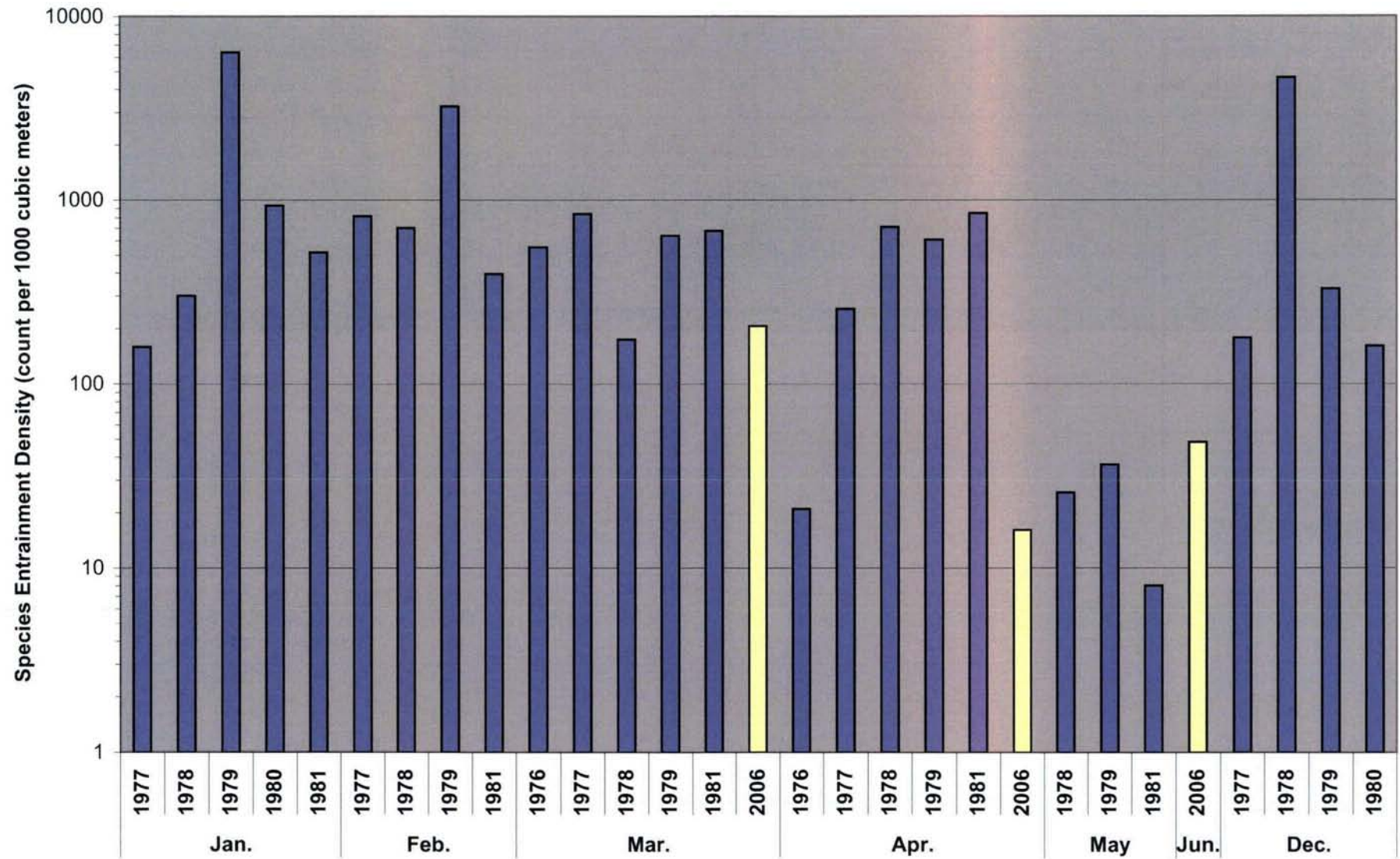




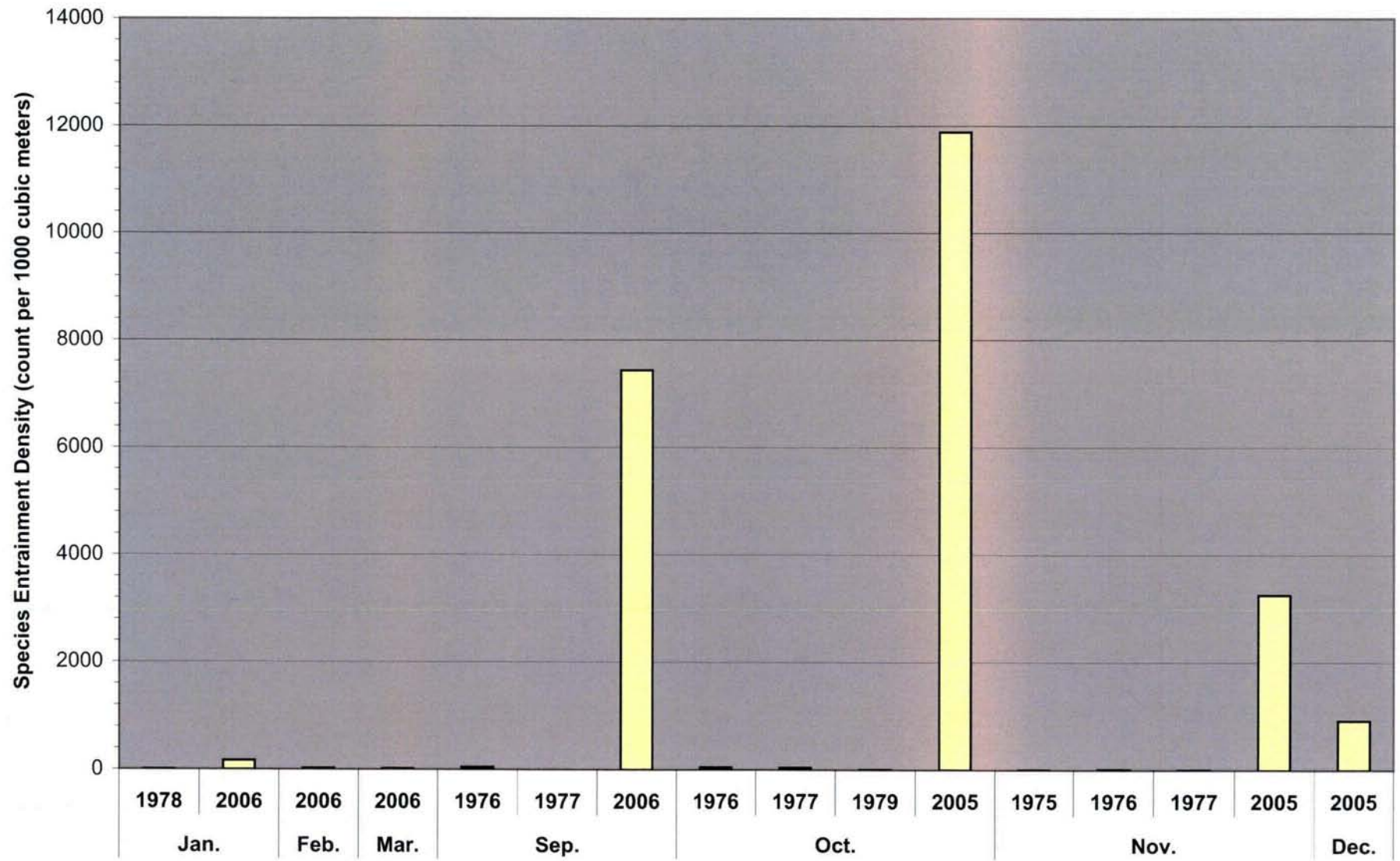
## American sand lance



## American sand lance

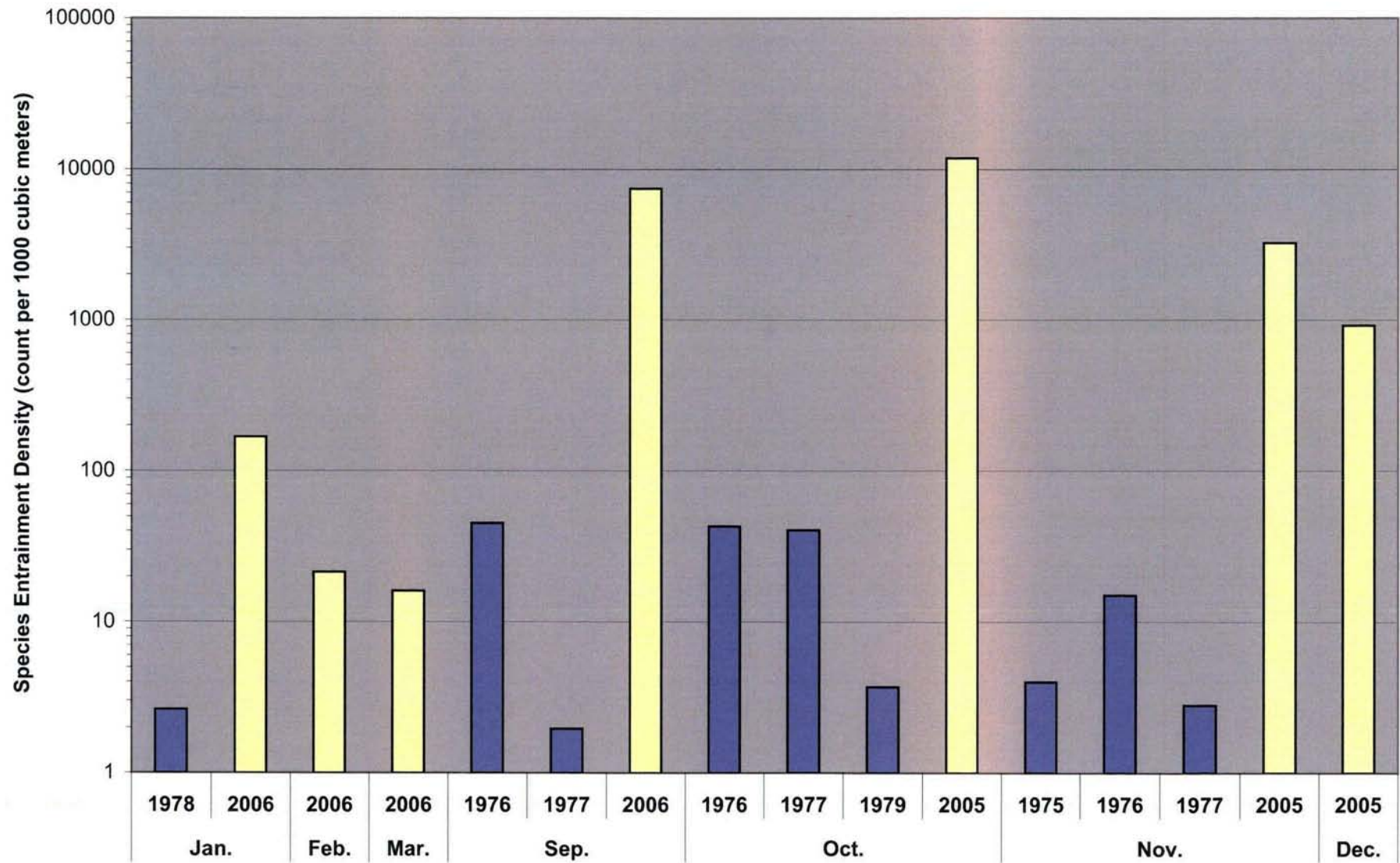


## Atlantic croaker

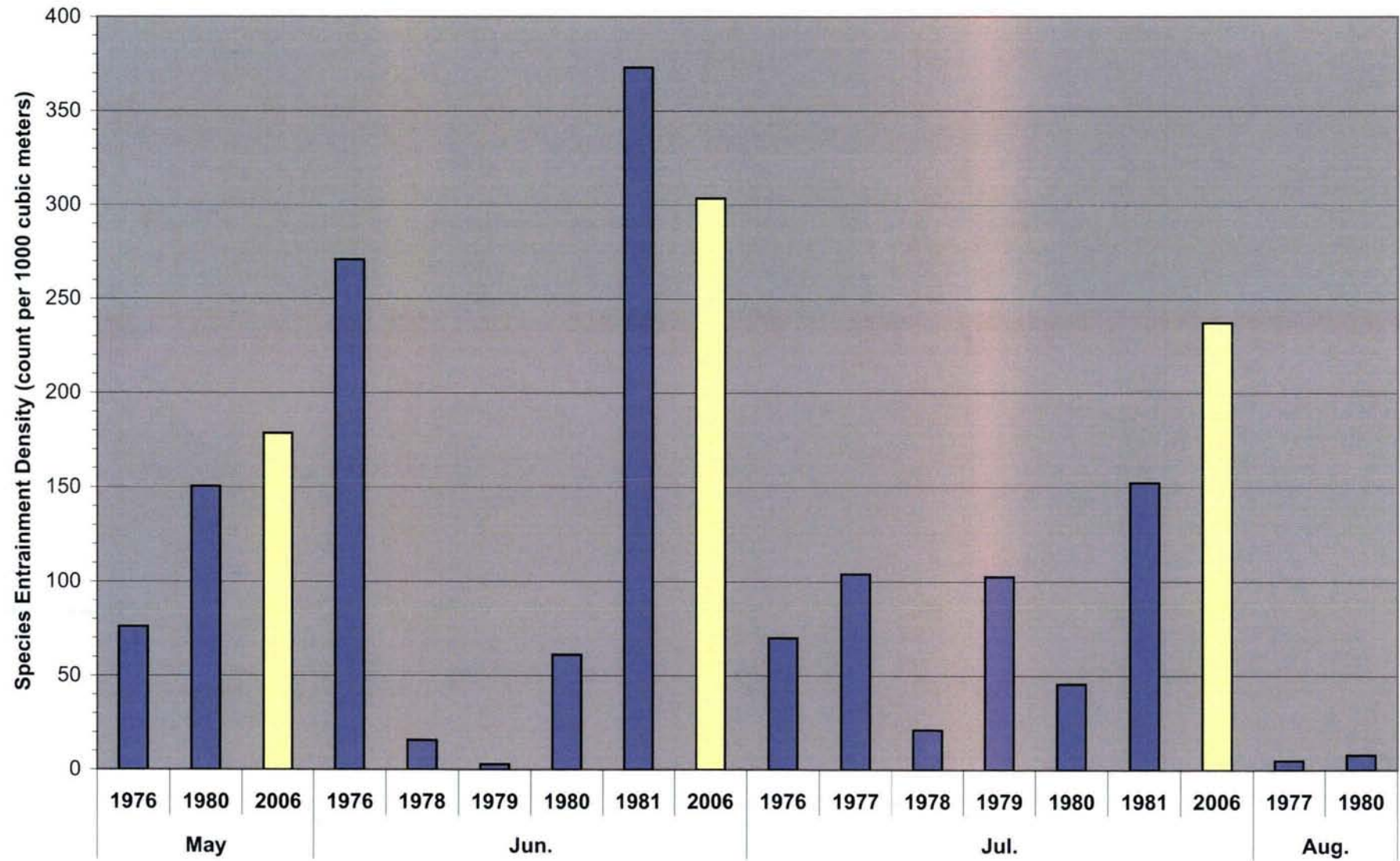




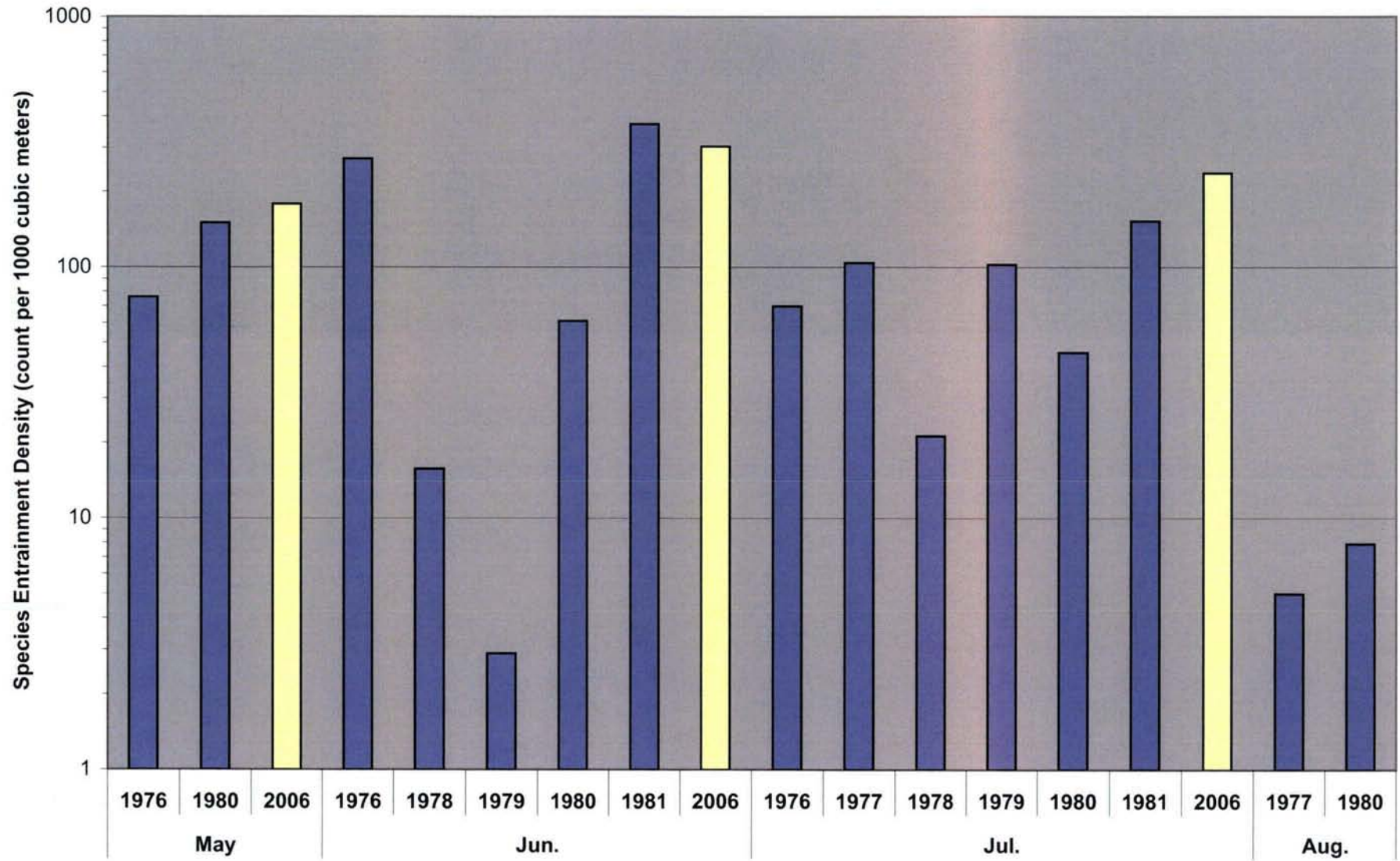
## Atlantic croaker



## Hogchoker

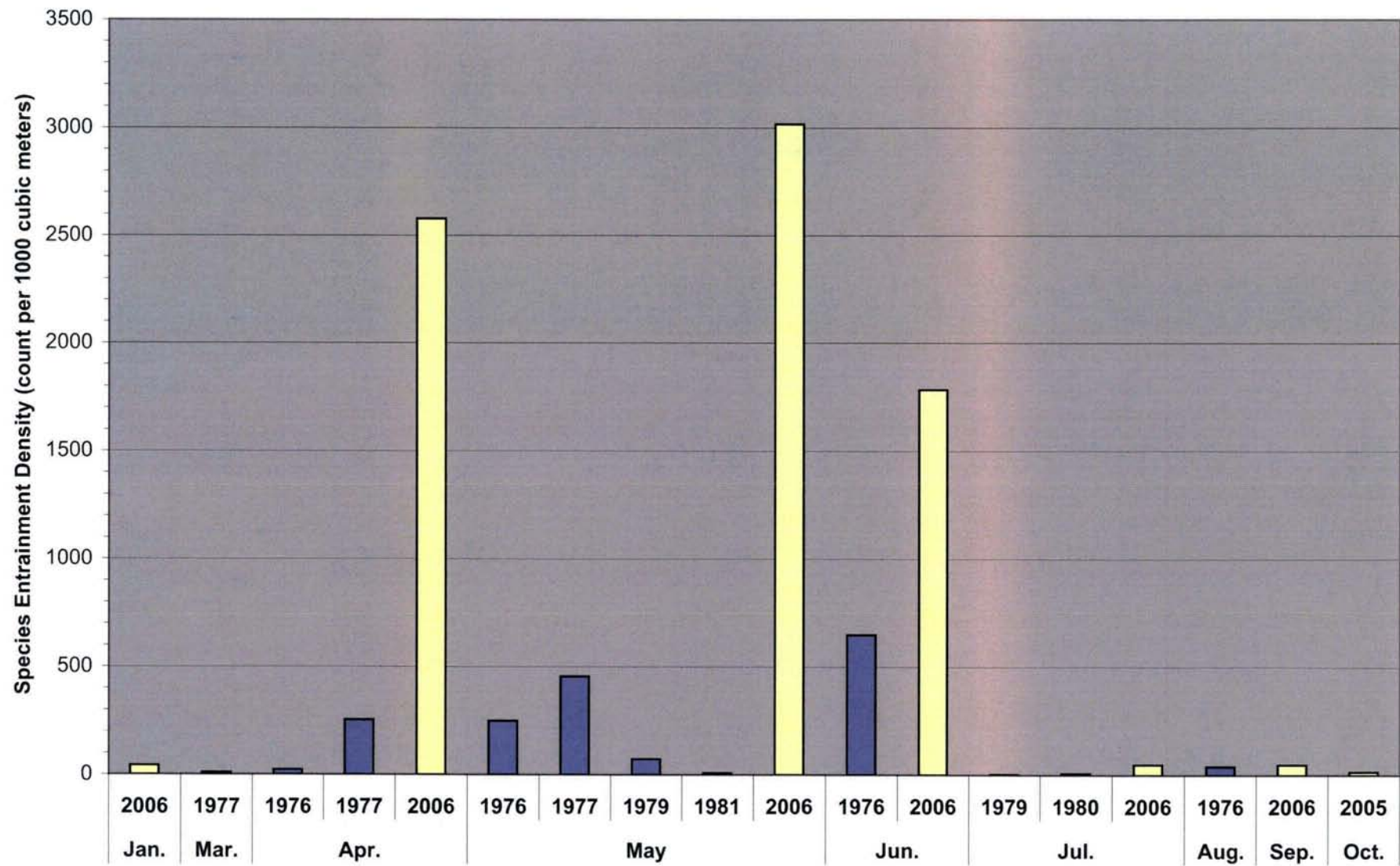


## Hogchoker

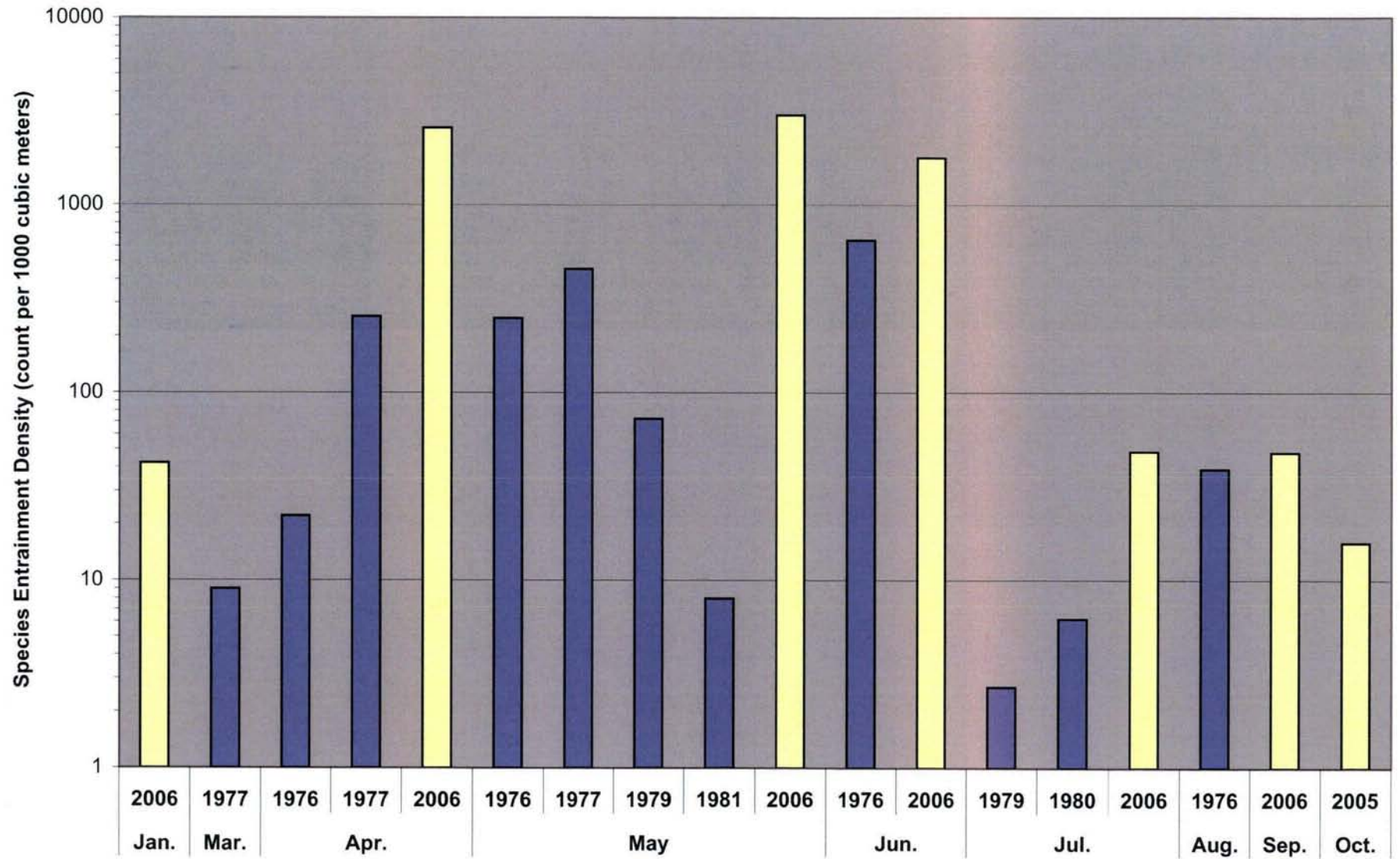




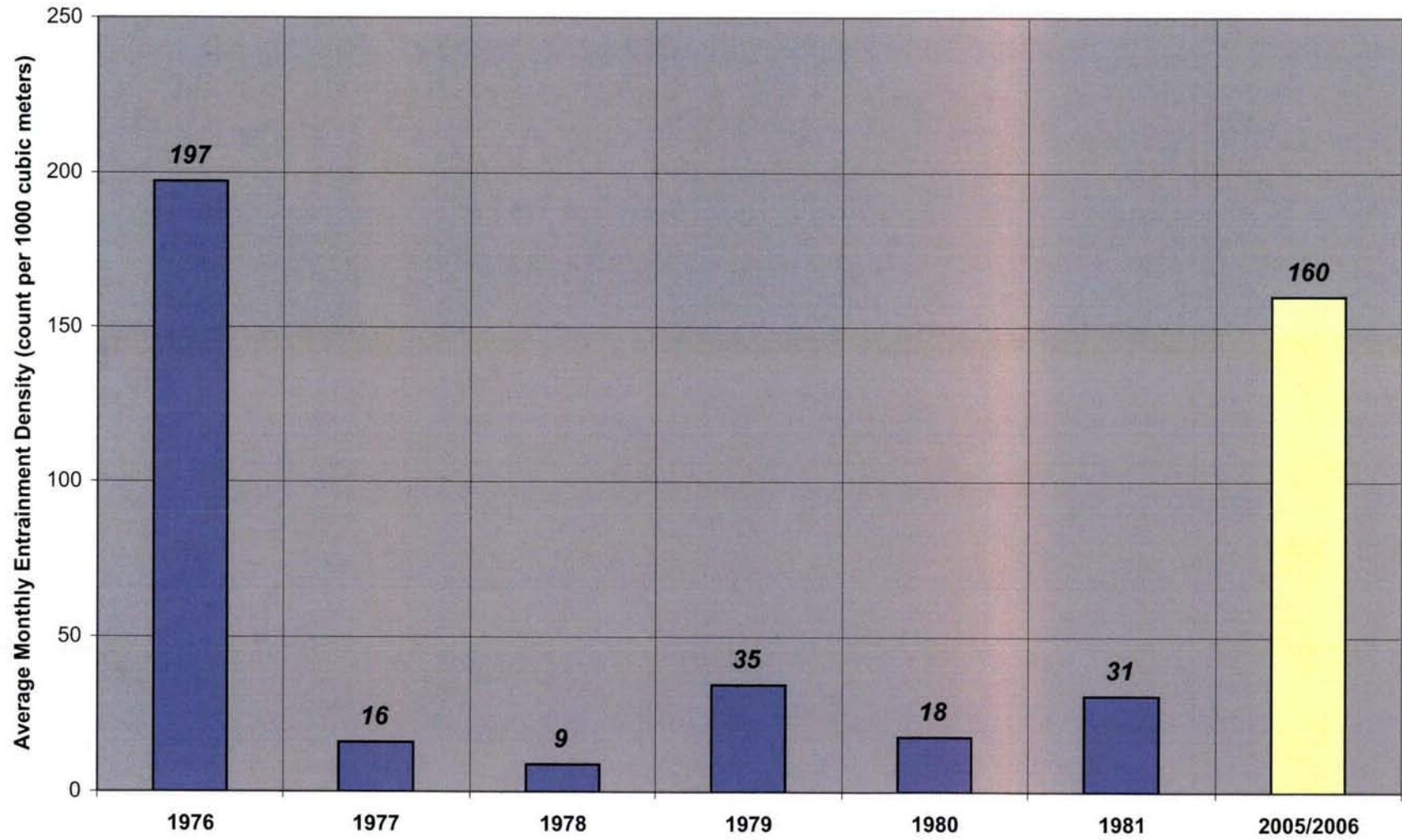
# Tautog



# Tautog

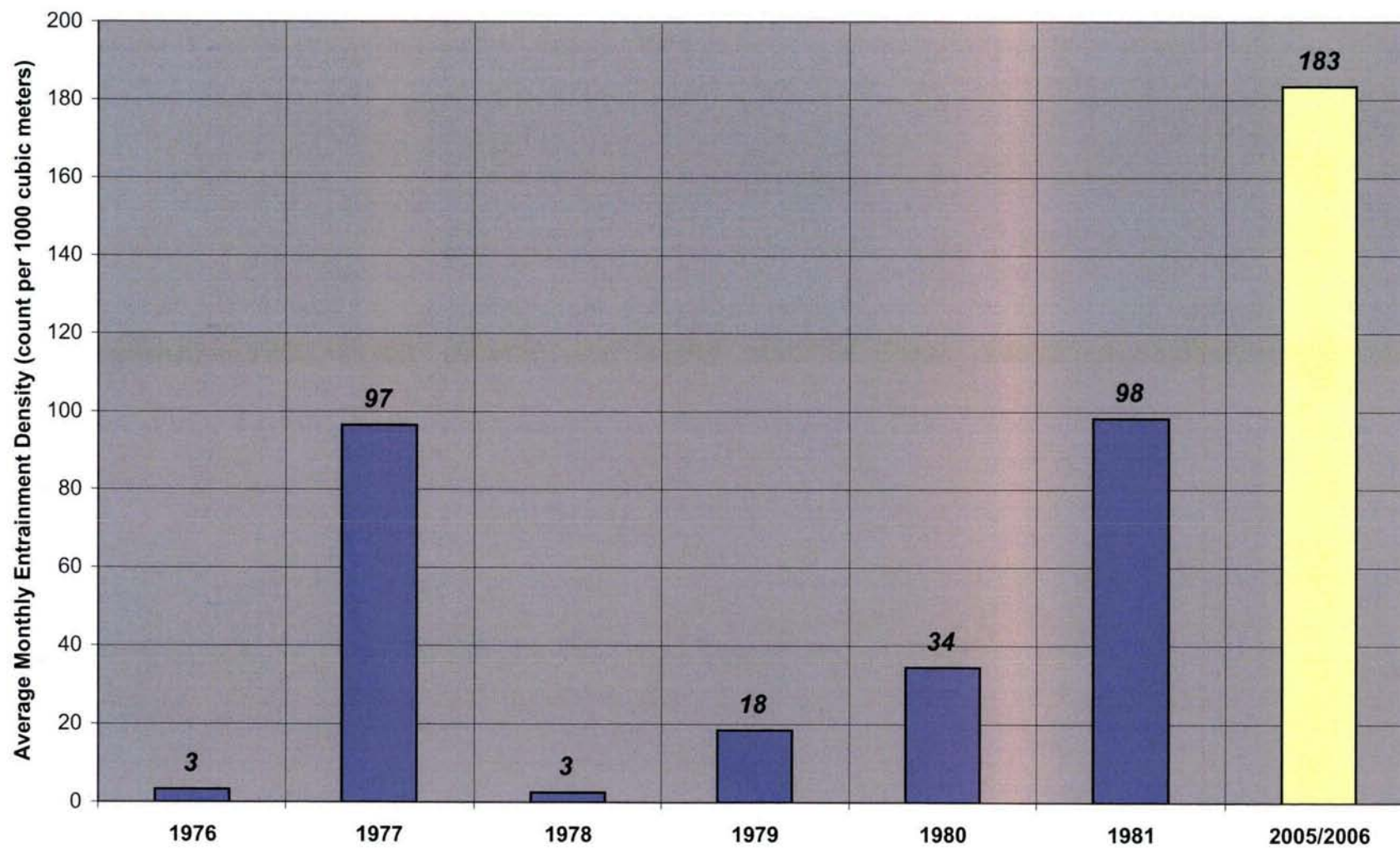


## American eel

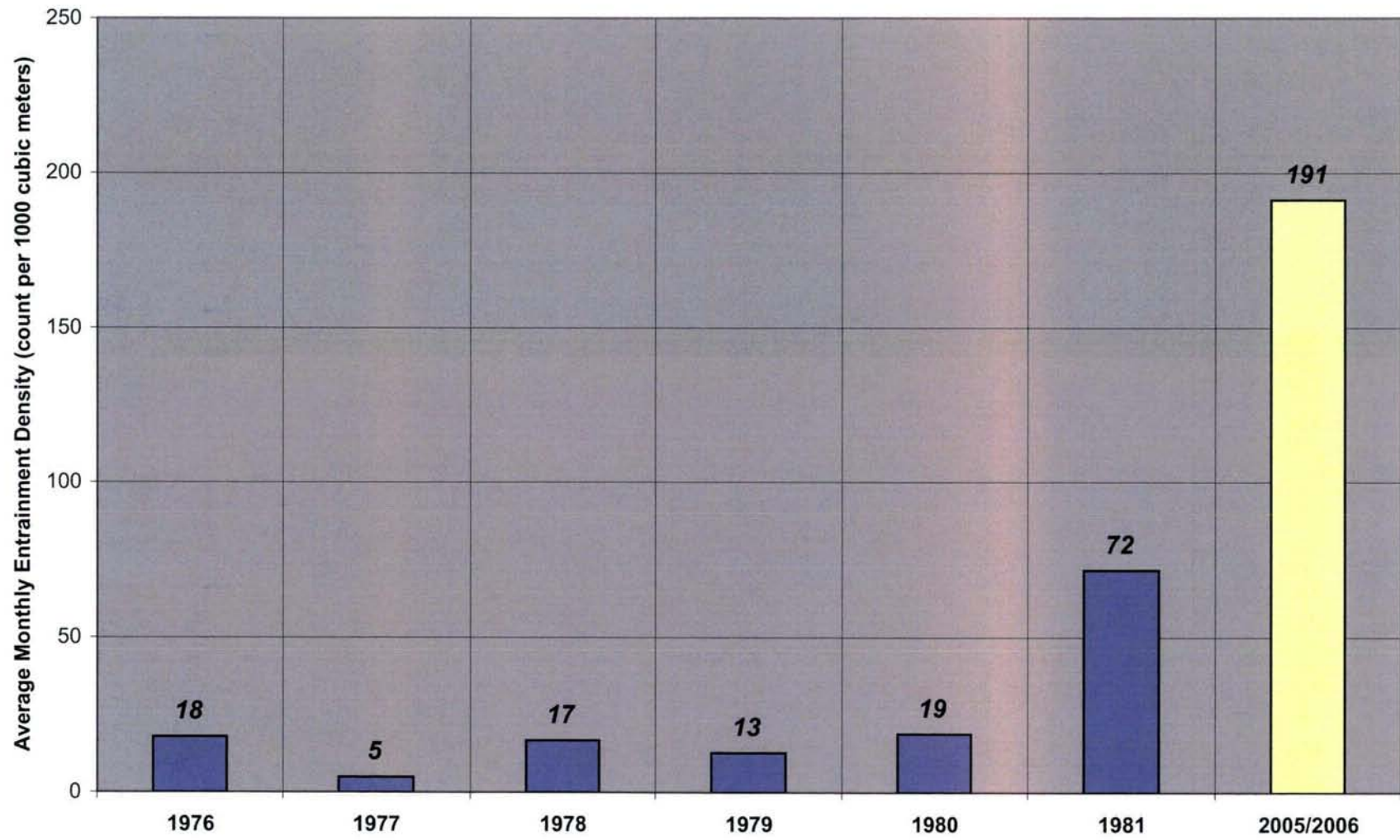




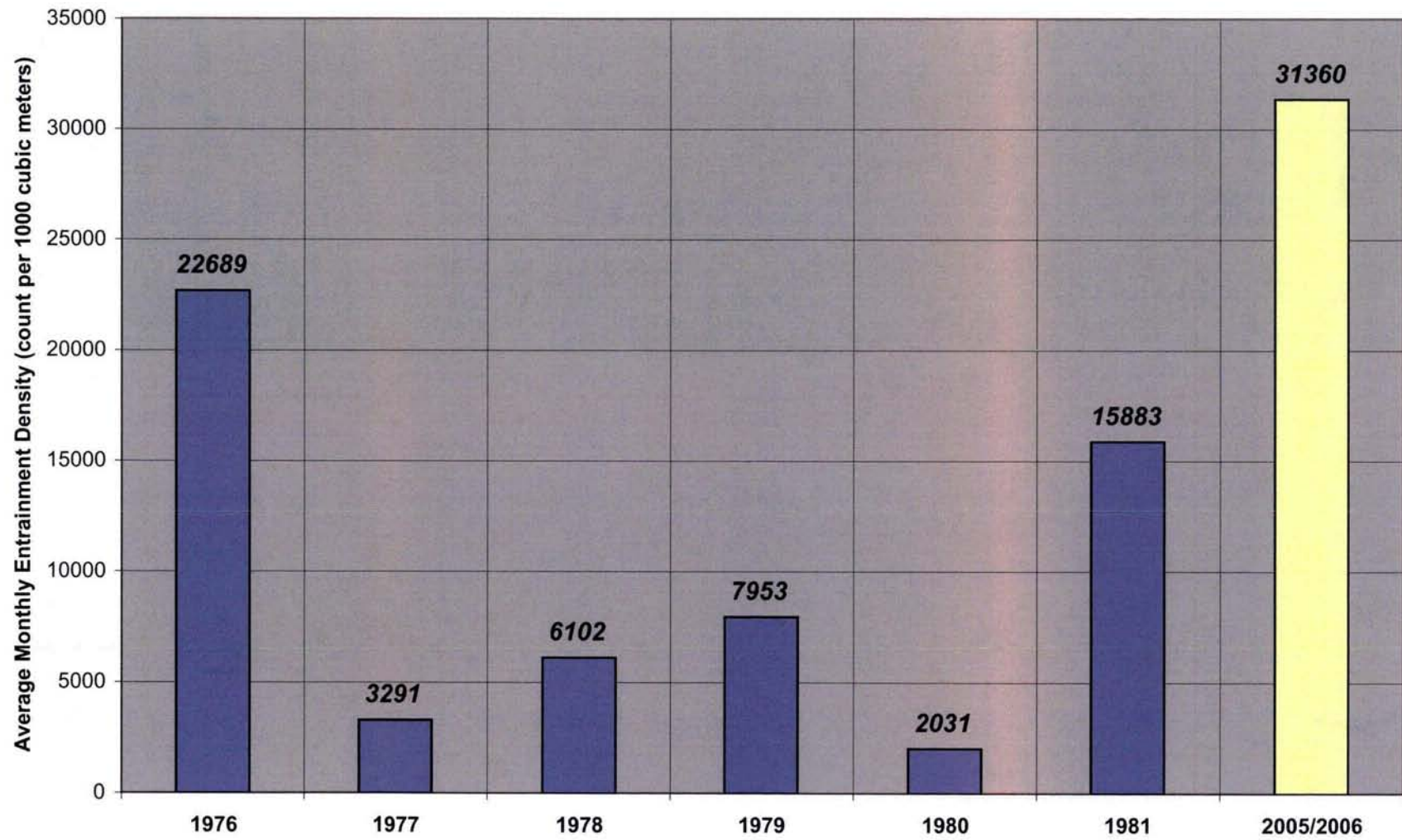
## Atlantic menhaden



## Atlantic silverside

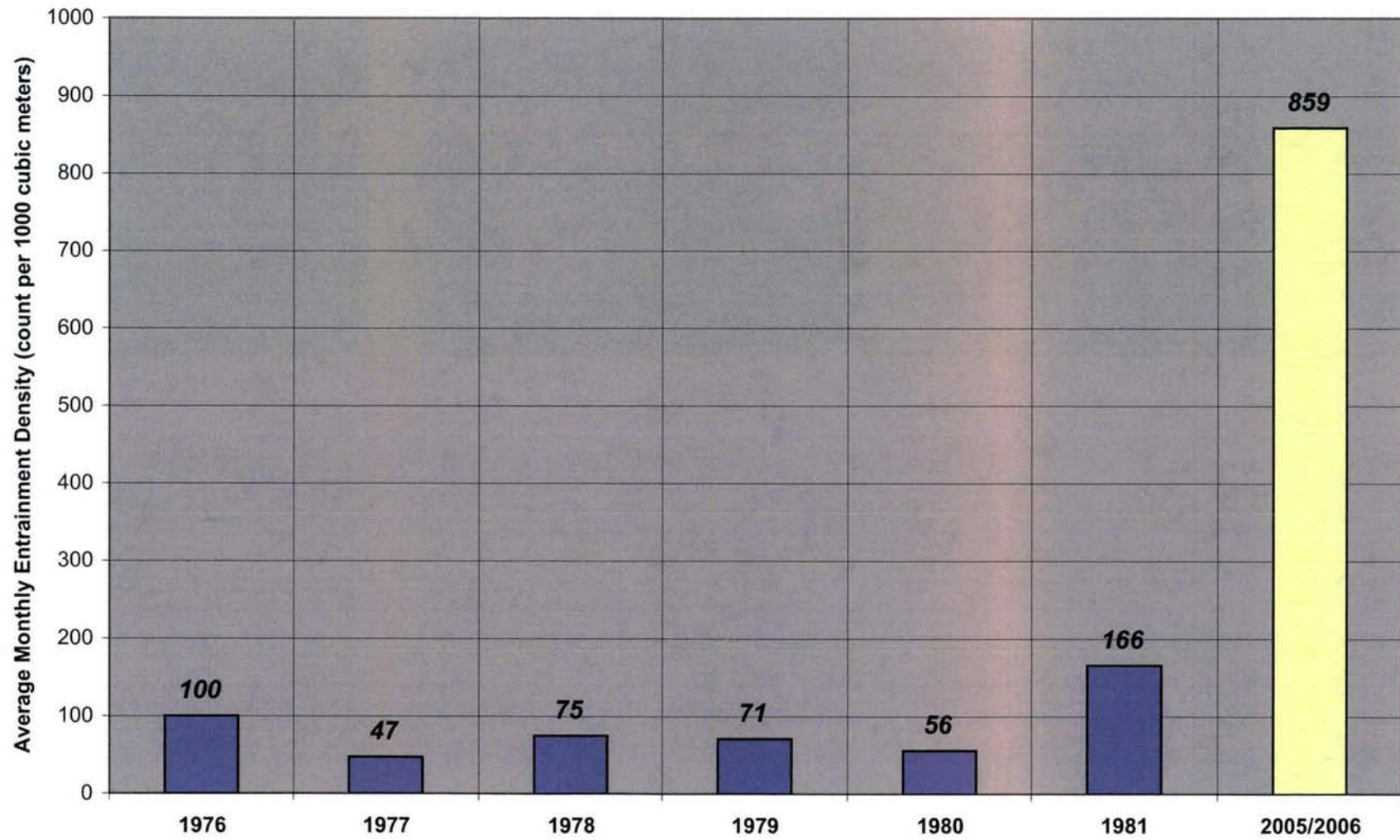


## Bay anchovy

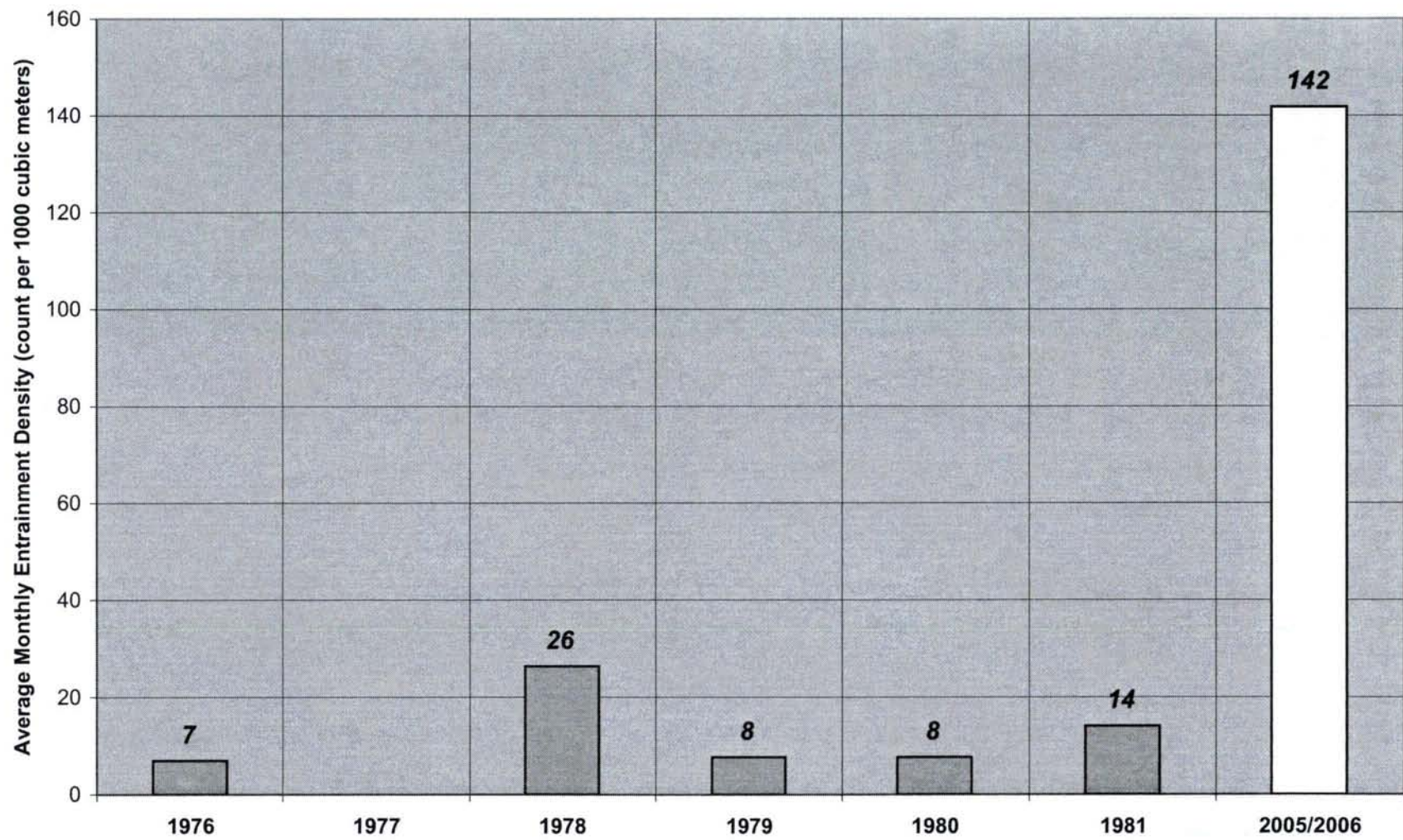




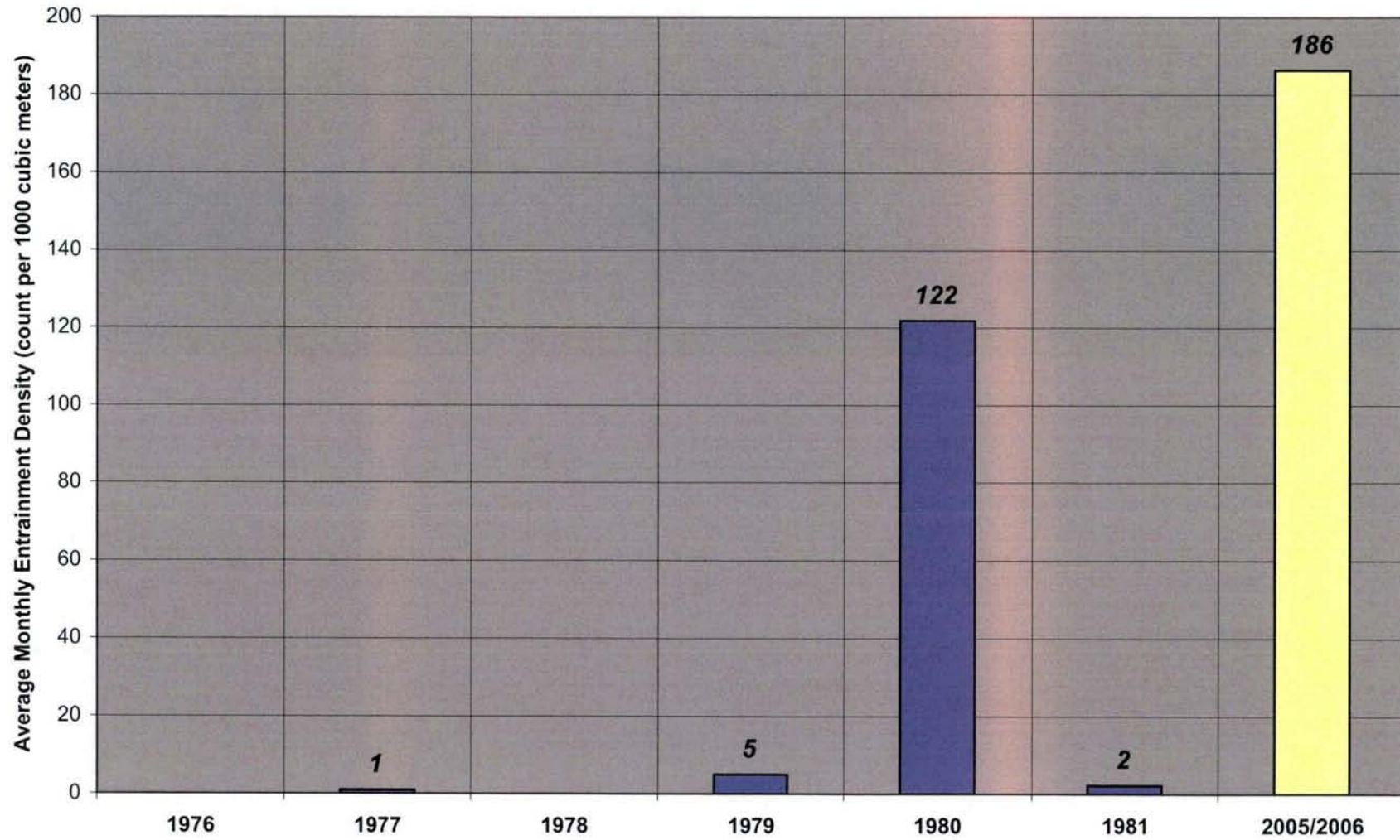
## Northern pipefish



## Northern puffer

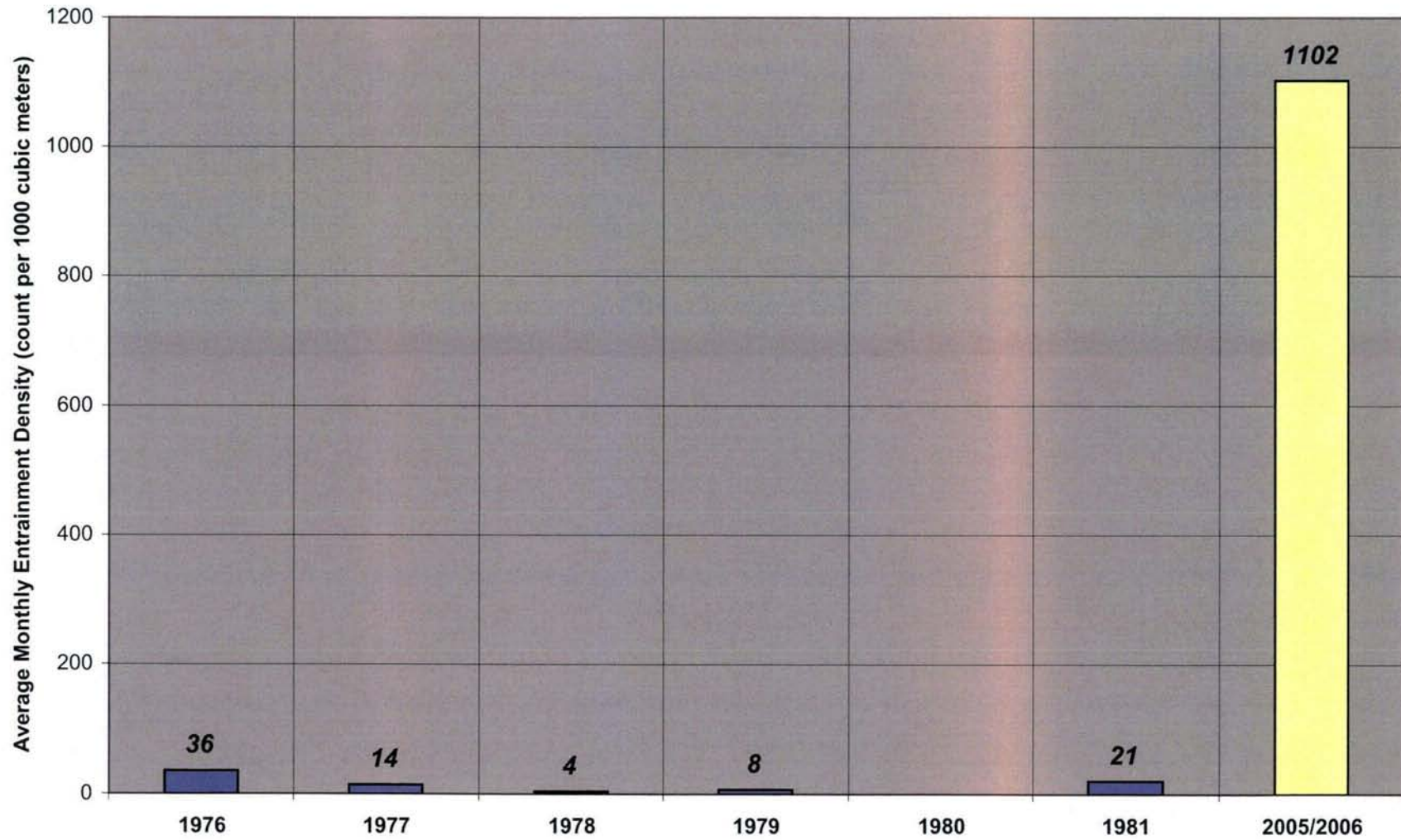


## Summer flounder

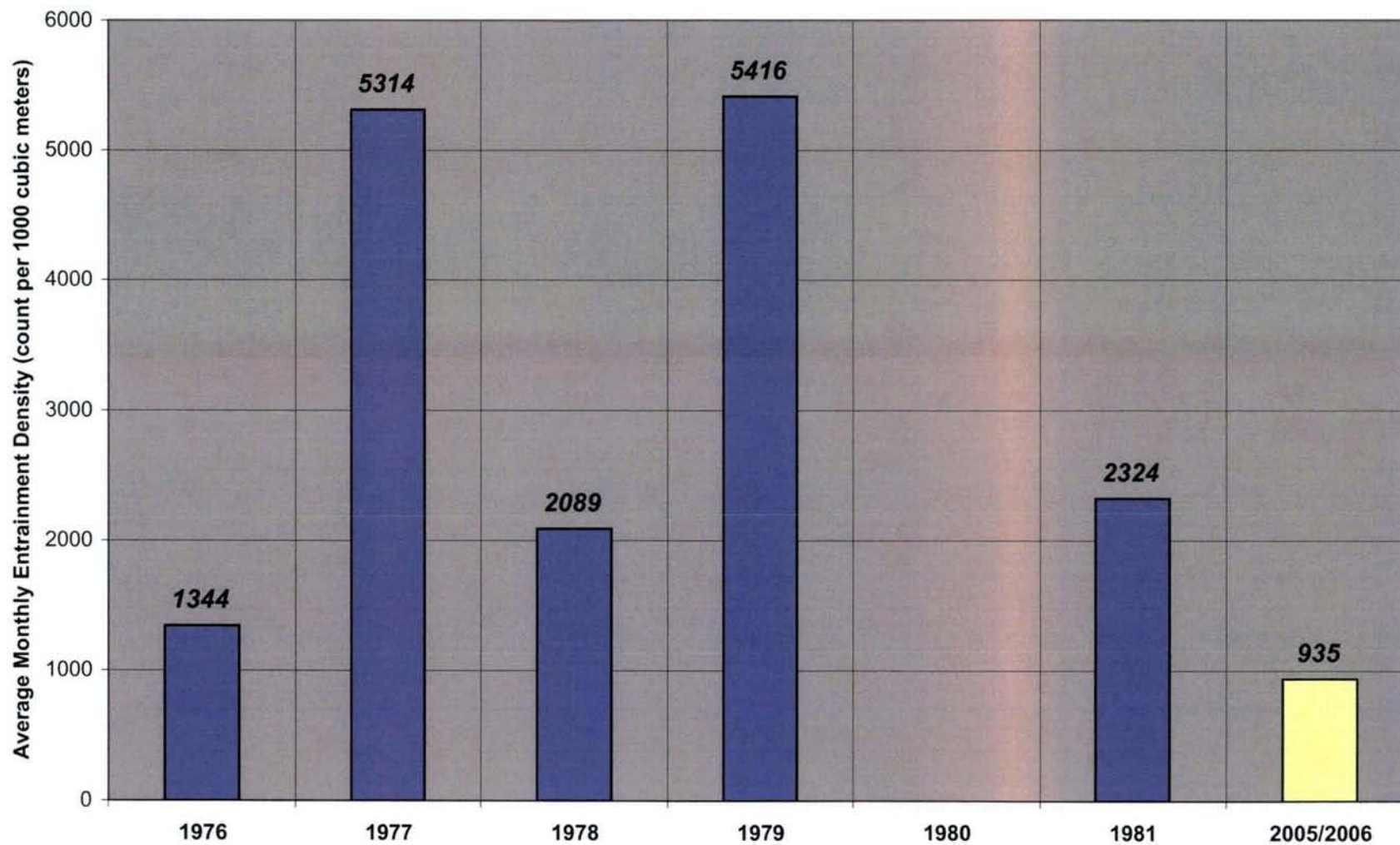




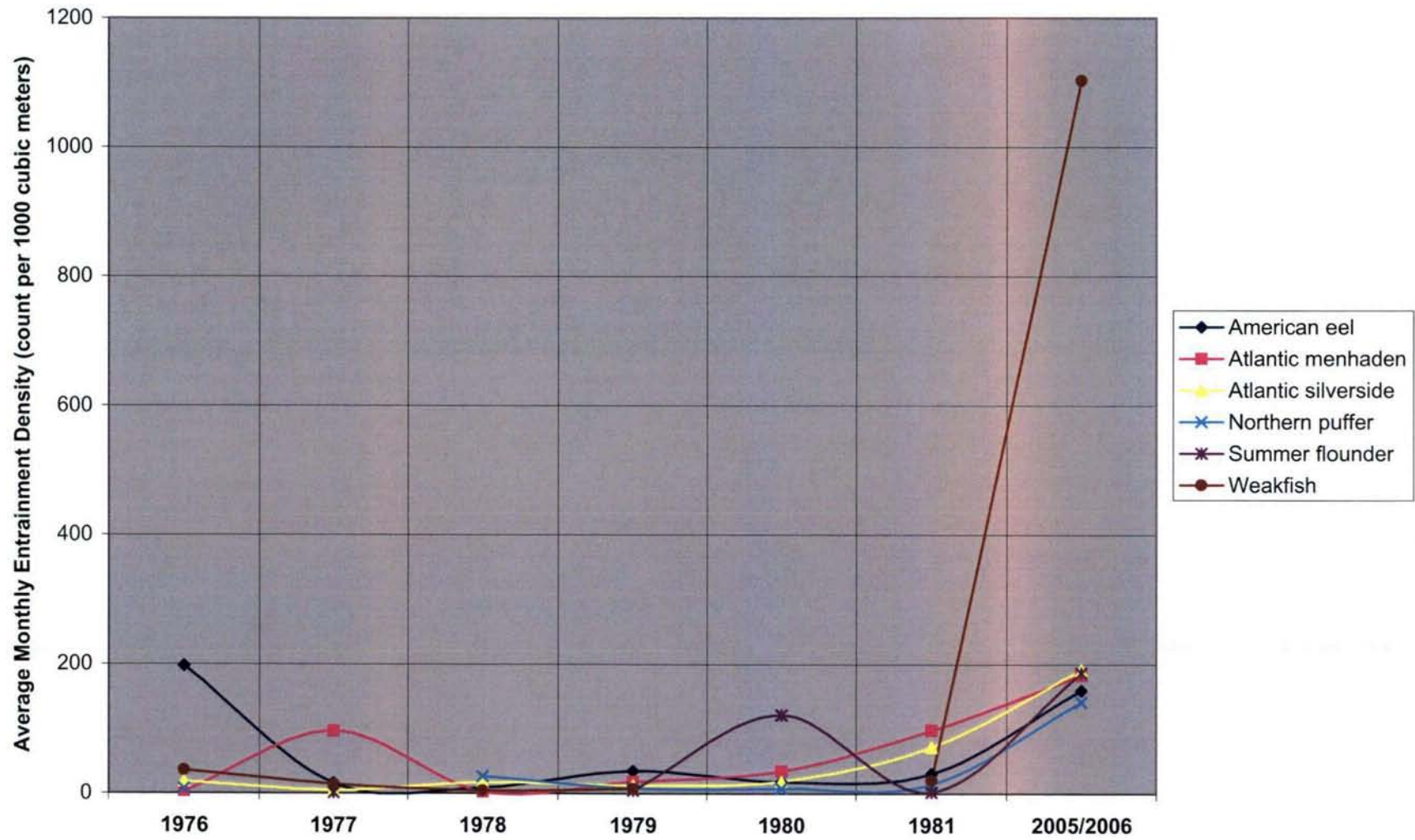
## Weakfish



## Winter flounder

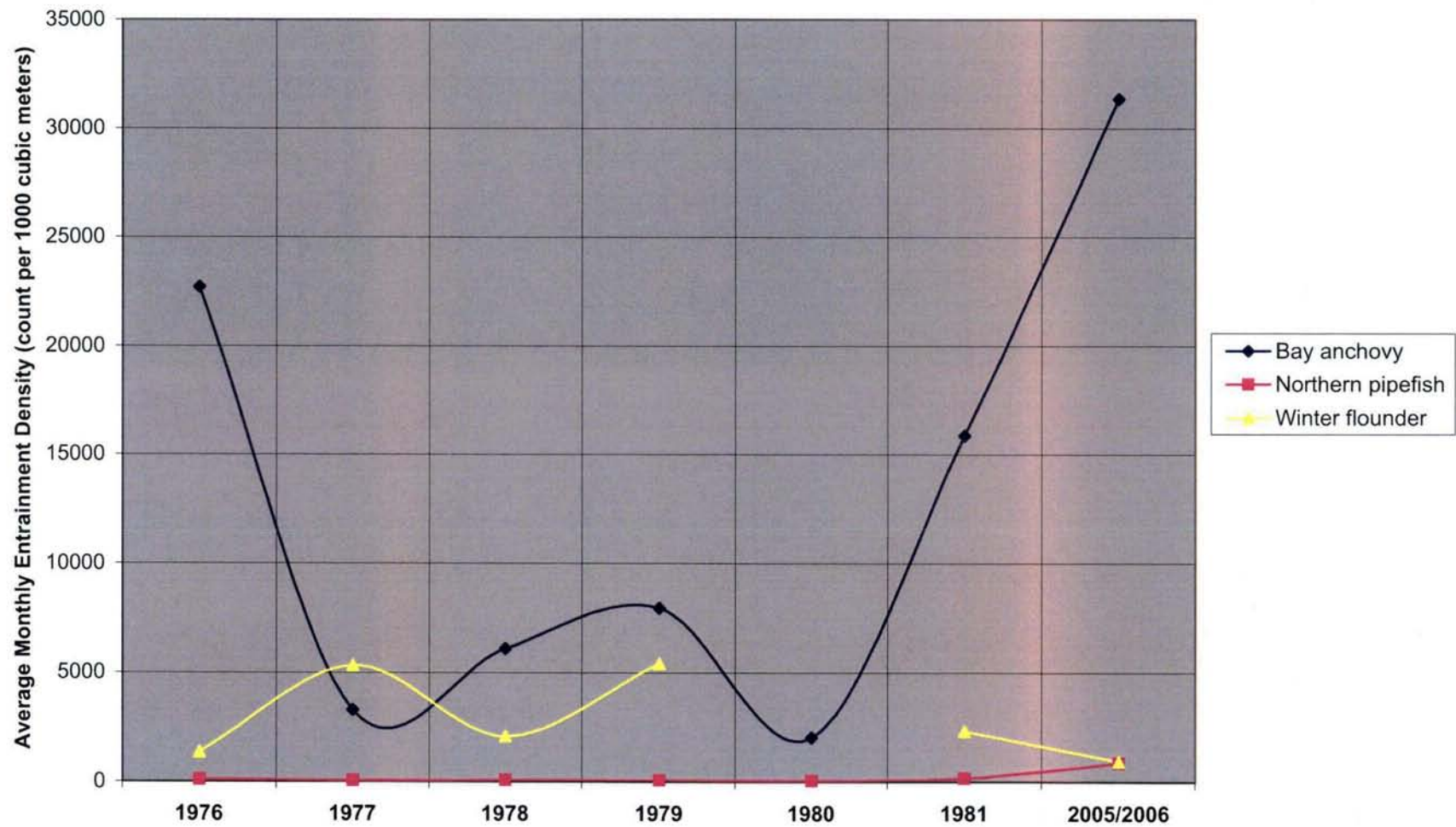


## Yearly Entrainment for Selected Fish Species Through Time





## Yearly Entrainment for Selected Fish Species Through Time



**INDEX #15 -- Excel Workbooks**

1975 - 1976

1976 - 1977

1977 - 1978

1978 - 1979

1979 - 1980

1980 - 1981

1981 - 1982

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2005 - 2006

Species Lists, 1976 - 1979, 1985, and 2006

Total Estimated Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens Taken From Sept. 1975 to Aug. 1976

	Month	September			October				
		2	3	4	1	2	3	4	5
		7-13	14-20	21-27	28-4	5-11	12-18	19-25	26-1
		1975	1975	1975	1975	1975	1975	1975	1975
<i>Anguilla rostrata</i>	American eel	2	0	2	0	0	0	0	2
<i>Alosa aestivalis</i>	Blueback herring	5	21	0	0	9	12	5	0
<i>Alosa pseudoharengus</i>	Aelwife	7	5	2	28	0	0	23	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	5	9	9	9	0	0	16	0
<i>Clupea harengus</i>	Atlantic herring	0	0	0	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	72	1673	539	700	2245	1192	6893	828
<i>Opsanus tau</i>	Oyster toadfish	42	40	14	28	56	47	72	42
<i>Rissola marginata</i>	Striped cuskeel	0	2	0	0	2	0	33	0
<i>Urophycis regius</i>	Spotted hake	0	0	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	0	2	0	0	5	0	30	2
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0	0	0	0	0
<i>Hippocampus erectus</i>	Lined seahorse	2	0	0	7	2	0	7	0
<i>Syngnathus fuscus</i>	Northern pipefish	7	2	14	14	5	0	61	51
<i>Morone americana</i>	White perch	0	0	2	2	0	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	23	44	5	35	9	12	19	2
<i>Caranx hippos</i>	Crevalle jack	7	12	0	7	5	2	7	0
<i>Selene vomer</i>	Lookdown	110	142	21	7	51	16	51	30
<i>Bairdiella chrysura</i>	Silver perch	7	5	0	0	5	2	65	12
<i>Cynoscion regalis</i>	Weakfish	233	173	152	124	173	119	532	455
<i>Leiostomus xanthurus</i>	Spot	0	0	2	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	0	2	0	0	0	0	9	2
<i>Prionotus evolans</i>	Striped searobin	30	212	89	124	973	149	618	238
<i>Etropus microstomus</i>	Smallmouth flounder	0	2	0	0	0	0	2	2
<i>Paralichthys dentatus</i>	Summer flounder	7	79	37	37	42	166	233	114
<i>Scophthalmus aquosus</i>	Windowpane	0	0	0	0	0	7	12	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0	0	0	0	2	0
<i>Trinectes maculatus</i>	Hogchoker	5	14	0	0	7	0	0	5
<i>Sphoeroides maculatus</i>	Northern puffer	9	30	0	7	12	2	26	0
Total given									
Total calculated		564	2439	888	1122	3589	1724	8690	1785
% represented by 100+									



Total Estimated Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens Taken From Sept. 1975 to Aug. 1976

	Month	September			October				
	Week	2	3	4	1	2	3	4	5
	Dates	7-13	14-20	21-27	28-4	5-11	12-18	19-25	26-1
	Year	1975	1975	1975	1975	1975	1975	1975	1975
<i>Lolliguncula brevis</i>	brief squid	0	0	0	0	0	7	0	0
<i>Polychaeta</i> (class)	bristle worms	2	0	0	0	0	0	0	0
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	9	2	2	0
<i>Panaeus aztecus</i>	brown shrimp	21	42	72	65	180	79	51	98
<i>Palaemonetes vulgaris</i>	grass shrimp	2	7	7	7	23	2	58	30
<i>Palaemonetes</i> sp.	grass shrimp	0	0	0	7	0	0	0	0
<i>Crangon septemspinosa</i>	Sand shrimp	0	0	0	0	7	26	203	75
<i>Libinia dubia</i>	Spider crab	0	0	0	0	0	0	9	2
<i>Cancer irroratus</i>	Rock crab	0	0	0	0	0	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	16	14	9	9	2	5	509	110
<i>Callinectes sapidus</i>	Blue crab	6760	9751	9464	5565	10365	3327	21817	6452
<i>Callinectes similis</i>	Lesser blue crab	93	49	63	91	180	44	168	79
<i>Neopanope texana</i>	a mud crab	89	30	77	77	70	28	61	23
Total given									
Total calculated		6983	9893	9692	5821	10836	3520	22878	6869
% represented by 100+									
Total given		7632	12542	10666	6928	14503	5299	31865	8738
Grand Total calculated		7547	12332	10580	6943	14425	5244	31568	8654
% represented by 100+		98.89	98.33	99.19	100.22	99.46	98.96	99.07	99.04
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April									
2. Compiled from:									
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish									
Tables 6 and 7, and Appendix Tables 18 through 25, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, January-April 1976 Volume 1: Fin-and-Shellfish									
Tables 13 and 14, and Appendix Tables 38 through 55, in Preliminary Final Report of Ecological Studies for the Oyster Creek Generating Station, September 1975-August 1976, Volume 1: Fin-and-Shellfish									

Total Estimated Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens Taken From Sept. 1975 to Aug. 1976

	Month	November				December			
	Week	1	2	3	4	1	2	3	4
	Dates	2-8	9-15	16-22	23-29	30-6	7-13	14-20	21-27
	Year	1975	1975	1975	1975	1975	1975	1975	1975
<i>Anguilla rostrata</i>	American eel	9	19	21	12	42	77	77	56
<i>Alosa aestivalis</i>	Blueback herring	19	12	23	35	49	40	206	17201
<i>Alosa pseudoharengus</i>	Aelwife	12	5	5	7	21	37	9	23
<i>Brevoortia tyrannus</i>	Atlantic menhaden	21	2	26	51	798	495	1045	7919
<i>Clupea harengus</i>	Atlantic herring	0	0	0	0	0	0	0	14
<i>Anchoa mitchilli</i>	Bay anchovy	551	831	226	485	135	166	236	156
<i>Opsanus tau</i>	Oyster toadfish	23	51	47	58	56	51	79	7
<i>Rissola marginata</i>	Striped cuskeel	2	7	114	520	238	63	74	21
<i>Urophycis regius</i>	Spotted hake	0	0	0	2	0	2	0	5
<i>Menidia menidia</i>	Atlantic silverside	9	9	37	539	2683	2436	586	16196
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	5	0	23	0	42	296
<i>Hippocampus erectus</i>	Lined seahorse	2	5	68	110	1410	149	82	68
<i>Syngnathus fuscus</i>	Northern pipefish	614	390	1118	1386	8293	1715	450	1582
<i>Morone americana</i>	White perch	28	30	96	173	567	364	84	138
<i>Pomatomus saltatrix</i>	Bluefish	0	7	14	100	16	7	0	0
<i>Caranx hippos</i>	Crevalle jack	21	0	0	9	0	0	0	0
<i>Selene vomer</i>	Lookdown	54	98	2	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	72	138	217	558	175	121	110	0
<i>Cynoscion regalis</i>	Weakfish	364	271	334	1360	61	9	12	19
<i>Leiostomus xanthurus</i>	Spot	0	0	0	35	14	0	2	0
<i>Gobiosoma boscii</i>	Naked goby	2	0	7	12	264	51	154	544
<i>Prionotus evolans</i>	Striped searobin	173	350	345	495	110	161	65	12
<i>Etropus microstomus</i>	Smallmouth flounder	0	9	159	936	5824	1608	406	1185
<i>Paralichthys dentatus</i>	Summer flounder	448	189	131	273	75	63	19	455
<i>Scophthalmus aquosus</i>	Windowpane	2	9	21	2	5	2	0	61
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	19	0	117	2	86	70	224
<i>Trinectes maculatus</i>	Hogchoker	14	12	12	7	0	2	26	0
<i>Sphoeroides maculatus</i>	Northern puffer	2	0	7	0	0	0	0	0
Total given									
Total calculated		2440	2463	3028	7282	20861	7705	3834	46182
% represented by 100+									

Total Estimated Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens Taken From Sept. 1975 to Aug. 1976

	Month	November				December			
		1	2	3	4	1	2	3	4
		Week	1	2	3	4	1	2	3
		Dates	2-8	9-15	16-22	23-29	30-6	7-13	14-20
		Year	1975	1975	1975	1975	1975	1975	1975
<i>Lolliguncula brevis</i>	brief squid		0	0	0	0	0	0	0
Polychaeta (class)	bristle worms		0	0	0	0	16	96	42
<i>Limulus polyphemus</i>	horseshoe crab		12	5	14	0	0	0	2
<i>Paneaus aztecus</i>	brown shrimp		84	320	30	16	2	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp		126	364	450	3015	2230	15031	7180
<i>Palaemonetes sp.</i>	grass shrimp		14	2	0	0	0	0	4342
<i>Crangon septemspinosa</i>	Sand shrimp		112	978	1286	8983	387478	173481	197967
<i>Libinia dubia</i>	Spider crab		0	0	2	0	0	0	0
<i>Cancer irroratus</i>	Rock crab		0	0	0	2	2	0	5
<i>Ovalipes ocellatus</i>	lady crab		196	100	75	75	359	82	336
<i>Callinectes sapidus</i>	Blue crab		3271	16440	2121	628	112	317	5591
<i>Callinectes similis</i>	Lesser blue crab		33	383	2	0	2	0	0
<i>Neopanope texana</i>	a mud crab		42	77	44	30	359	0	19
Total given									
Total calculated			3890	18669	4024	12749	390560	189007	215484
% represented by 100+									
Total given			6510	21364	7266	20362	420044	197018	219380
Grand Total calculated			6330	21132	7052	20031	411421	196712	219318
% represented by 100+			97.24	98.91	97.05	98.37	97.95	99.84	99.97
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April									
2. Compiled from:									
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish									
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Tables 13 and 14, and Appendix Tables 38 through 55, in Preliminary Final Report of Ecological Studies for the Oyster Creek Generating Station, September 1975-August 1976, Volume 1: Fin-and-Shellfish									



Total Estimated Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens Taken From Sept. 1975 to Aug. 1976

	Month	March				April			
		1	2	3	4	1	2	3	4
		7-13	14-20	21-27	28-3	4-10	11-17	18-24	25-1
		1976	1976	1976	1976	1976	1976	1976	1976
<i>Anguilla rostrata</i>	American eel	26	42	51	70	12	20	92	16
<i>Alosa aestivalis</i>	Blueback herring	1254	548	2501	509	286	516	335	145
<i>Alosa pseudoharengus</i>	Aelwife	61	138	467	292	185	177	743	145
<i>Brevoortia tyrannus</i>	Atlantic menhaden	13	34	25	22	30	300	371	248
<i>Clupea harengus</i>	Atlantic herring	30	34	149	9	43	68	47	7
<i>Anchoa mitchilli</i>	Bay anchovy	6	181	23636	22867	139752	164758	470348	184811
<i>Opsanus tau</i>	Oyster toadfish	2	37	51	39	37	20	79	58
<i>Rissola marginata</i>	Striped cuskeel	0	7	6	17	58	33	0	3
<i>Urophycis regius</i>	Spotted hake	7	14	56	35	58	69	2	15
<i>Menidia menidia</i>	Atlantic silverside	13891	5858	3946	4932	615	598	419	378
<i>Apeltes quadracus</i>	Fourspine stickleback	218	241	223	121	58	26	8	4
<i>Hippocampus erectus</i>	Lined seahorse	0	0	0	0	0	0	0	4
<i>Syngnathus fuscus</i>	Northern pipefish	2201	2670	1968	2127	1886	995	438	213
<i>Morone americana</i>	White perch	36	11	19	48	23	10	6	13
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	2
<i>Leiostomus xanthurus</i>	Spot	0	0	0	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	4	0	4	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0	0	7	0	0	5
<i>Etropus microstomus</i>	Smallmouth flounder	2	2	0	7	6	3	0	4
<i>Paralichthys dentatus</i>	Summer flounder	0	2	25	41	11	21	0	44
<i>Scophthalmus aquosus</i>	Windowpane	63	90	34	102	78	38	31	44
<i>Pseudopleuronectes americanus</i>	Winter flounder	163	65	50	45	2	30	15	10
<i>Trinectes maculatus</i>	Hogchoker	4	0	4	27	12	12	15	8
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	49
Total given									
Total calculated		17981	9974	33215	31310	143159	167694	472949	186226
% represented by 100+									

Total Estimated Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens Taken From Sept. 1975 to Aug. 1976

	Month	March				April			
		1	2	3	4	1	2	3	4
		Week	1	2	3	4	1	2	3
		Dates	7-13	14-20	21-27	28-3	4-10	11-17	18-24
		Year	1976	1976	1976	1976	1976	1976	1976
<i>Lolliguncula brevis</i>	brief squid		0	0	0	0	0	0	0
Polychaeta (class)	bristle worms		631	439	239	23	6	25	21
<i>Limulus polyphemus</i>	horseshoe crab		0	0	0	0	7	6	101
<i>Panaeus aztecus</i>	brown shrimp		0	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp		7682	8378	40820	12078	8504	5442	9074
<i>Palaemonetes sp.</i>	grass shrimp		0	420	0	0	0	0	0
<i>Crangon septemspinosa</i>	Sand shrimp		70490	51162	27024	27000	29711	35003	106659
<i>Libinia dubia</i>	Spider crab		0	0	0	0	0	0	7
<i>Cancer irroratus</i>	Rock crab		24	13	79	298	129	234	149
<i>Ovalipes ocellatus</i>	lady crab		9	0	47	30	36	20	0
<i>Callinectes sapidus</i>	Blue crab		595	109	27720	69484	48784	21872	20743
<i>Callinectes similis</i>	Lesser blue crab		0	0	0	0	0	0	0
<i>Neopanope texana</i>	a mud crab		21	11	16	22	19	23	12
Total given									
Total calculated			79452	60532	95945	108935	87196	62625	136766
% represented by 100+									
Total given			97603	70642	129327	140334	230467	230441	609754
Grand Total calculated			97433	70506	129160	140245	230355	230319	609715
% represented by 100+			99.83	99.81	99.87	99.94	99.95	99.95	99.99
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April									
2. Compiled from:									
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish									
Tables 6 and 7, and Appendix Tables 18 through 25, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, January-April 1976 Volume 1: Fin-and-Shellfish									
Tables 13 and 14, and Appendix Tables 38 through 55, in Preliminary Final Report of Ecological Studies for the Oyster Creek Generating Station, September 1975-August 1976, Volume 1: Fin-and-Shellfish									

Total Estimated Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens Taken From Sept. 1975 to Aug. 1976

	Month	May				June	
	Week	1	2	3	4	1	2
	Dates	2-8	9-15	16-22	23-29	30-5	6-12
	Year	1976	1976	1976	1976	1976	1976
<i>Anguilla rostrata</i>	American eel	92	90	15	10	39	17
<i>Alosa aestivalis</i>	Blueback herring	854	450	735	58	342	34
<i>Alosa pseudoharengus</i>	Aelwife	334	271	469	51	66	45
<i>Brevoortia tyrannus</i>	Atlantic menhaden	443	277	99	67	194	68
<i>Clupea harengus</i>	Atlantic herring	28	134	249	114	156	195
<i>Anchoa mitchilli</i>	Bay anchovy	376131	132710	35290	19062	14460	5860
<i>Opsanus tau</i>	Oyster toadfish	323	185	510	268	387	797
<i>Rissola marginata</i>	Striped cuskeel	28	5	0	0	317	142
<i>Urophycis regius</i>	Spotted hake	39	0	40	68	98	17
<i>Menidia menidia</i>	Atlantic silverside	1866	1453	561	663	348	50
<i>Apeltes quadracus</i>	Fourspine stickleback	20	0	22	4	13	3
<i>Hippocampus erectus</i>	Lined seahorse	18	0	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	2201	280	573	496	343	260
<i>Morone americana</i>	White perch	89	37	42	7	0	52
<i>Pomatomus saltatrix</i>	Bluefish	0	130	452	2172	3327	1440
<i>Caranx hippos</i>	Crevalle jack	0	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	7	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	10	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0	0	0	261
<i>Gobiosoma boscii</i>	Naked goby	0	12	22	4	38	0
<i>Prionotus evolans</i>	Striped searobin	8	0	121	0	39	29
<i>Etropus microstomus</i>	Smallmouth flounder	0	7	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	108	49	241	72	51	56
<i>Scophthalmus aquosus</i>	Windowpane	207	32	124	26	132	13
<i>Pseudopleuronectes americanus</i>	Winter flounder	252	0	0	0	142	74
<i>Trinectes maculatus</i>	Hogchoker	43	43	38	18	31	3
<i>Sphoeroides maculatus</i>	Northern puffer	144	89	1869	181	131	49
Total given		383300	136369	41465	23394	20685	9481
Total calculated		383228	136261	41482	23341	20654	9465
% represented by 100+		99.98	99.92	100.04	99.77	99.85	99.83



Total Estimated Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens Taken From Sept. 1975 to Aug. 1976

	Month	May				June		
		Week	1	2	3	4	1	2
		Dates	2-8	9-15	16-22	23-29	30-5	6-12
		Year	1976	1976	1976	1976	1976	1976
<i>Lolliguncula brevis</i>	brief squid	10	9	10	11	60	0	
Polychaeta (class)	bristle worms	76	209	119	173	70	38	
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	0	0	
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0	
<i>Palaemonetes vulgaris</i>	grass shrimp	17706	4828	3986	6947	14321	12021	
<i>Palaemonetes sp.</i>	grass shrimp	0	0	4	0	0	0	
<i>Crangon septemspinosus</i>	Sand shrimp	630485	61935	2774	103637	221688	45062	
<i>Libinia dubia</i>	Spider crab	0	53	21	17	111	20	
<i>Cancer irroratus</i>	Rock crab	35	62	0	14	40	13	
<i>Ovalipes ocellatus</i>	lady crab	24	9	5	35	89	80	
<i>Callinectes sapidus</i>	Blue crab	101035	123498	52485	194260	756045	88200	
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	
<i>Neopanope texana</i>	a mud crab	3	0	111	0	13	53	
Total given		749388	190623	59554	305098	992553	145551	
Total calculated		749374	190603	59515	305094	992437	145487	
% represented by 100+		100.00	99.99	99.93	100.00	99.99	99.96	
Total given		1132688	326992	101019	328492	1013238	155032	
Grand Total calculated		1132602	326864	100997	328435	1013091	154952	
% represented by 100+		99.99	99.96	99.98	99.98	99.99	99.95	
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April								
2. Compiled from:								
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish								
Tables 6 and 7, and Appendix Tables 18 through 25, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, January-April 1976 Volume 1: Fin-and-Shellfish								
Tables 13 and 14, and Appendix Tables 38 through 55, in Preliminary Final Report of Ecological Studies for the Oyster Creek Generating Station, September 1975-August 1976, Volume 1: Fin-and-Shellfish								

Total Estimated Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens Taken From Sept. 1975 to Aug. 1976

	Month	June (cont'd)			July				
		Week	3	4	5	1	2	3	4
		Dates	13-19	20-26	27-3	4-10	11-17	18-24	25-31
		Year	1976	1976	1976	1976	1976	1976	1976
<i>Anguilla rostrata</i>	American eel	97	0	4	5	0	0	4	
<i>Alosa aestivalis</i>	Blueback herring	169	24	0	0	2	0	0	
<i>Alosa pseudoharengus</i>	Aelwife	18	17	29	40	10	0	2	
<i>Brevoortia tyrannus</i>	Atlantic menhaden	145	180	87	105	518	3400	173	
<i>Clupea harengus</i>	Atlantic herring	161	0	3	16	0	4	0	
<i>Anchoa mitchilli</i>	Bay anchovy	11085	3345	4375	2100	1294	1710	179	
<i>Opsanus tau</i>	Oyster toadfish	2609	404	267	201	40	109	26	
<i>Rissola marginata</i>	Striped cuskeel	1187	405	689	645	31	798	93	
<i>Urophycis regius</i>	Spotted hake	433	245	113	32	0	3	0	
<i>Menidia menidia</i>	Atlantic silverside	3	17	4	0	0	0	0	
<i>Apeltes quadracus</i>	Fourspine stickleback	4	0	0	4	0	0	0	
<i>Hippocampus erectus</i>	Lined seahorse	4	39	0	0	0	0	0	
<i>Syngnathus fuscus</i>	Northern pipefish	1218	642	142	112	34	189	19	
<i>Morone americana</i>	White perch	50	0	10	8	0	10	2	
<i>Pomatomus saltatrix</i>	Bluefish	2390	328	285	123	138	254	22	
<i>Caranx hippos</i>	Crevalle jack	0	0	7	51	41	22	5	
<i>Selene vomer</i>	Lookdown	0	0	0	0	11	92	47	
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0	0	
<i>Cynoscion regalis</i>	Weakfish	11	0	215	11	0	132	71	
<i>Leiostomus xanthurus</i>	Spot	15001	8351	4945	4719	1308	3010	567	
<i>Gobiosoma boscii</i>	Naked goby	91	0	0	0	0	0	0	
<i>Prionotus evolans</i>	Striped searobin	125	0	14	0	0	24	9	
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0	0	0	
<i>Paralichthys dentatus</i>	Summer flounder	365	11	37	10	31	114	6	
<i>Scophthalmus aquosus</i>	Windowpane	339	16	4	0	0	0	0	
<i>Pseudopleuronectes americanus</i>	Winter flounder	1466	391	356	71	0	0	0	
<i>Trinectes maculatus</i>	Hogchoker	196	35	10	34	9	45	6	
<i>Sphoeroides maculatus</i>	Northern puffer	43	50	55	0	0	36	2	
Total given		37254	14507	11706	8284	3513	9985	1236	
Total calculated		37210	14500	11651	8287	3467	9952	1233	
% represented by 100+		99.88	99.95	99.53	100.04	98.69	99.67	99.76	

Total Estimated Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens Taken From Sept. 1975 to Aug. 1976

		Month	June (cont'd)			July			
		Week	3	4	5	1	2	3	4
		Dates	13-19	20-26	27-3	4-10	11-17	18-24	25-31
		Year	1976	1976	1976	1976	1976	1976	1976
<i>Lolliguncula brevis</i>	brief squid	50	0	5	13	52	27	6	
Polychaeta (class)	bristle worms	159	25	80	35	18	35	4	
<i>Limulus polyphemus</i>	horseshoe crab	8	0	8	0	0	5	0	
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	
<i>Palaemonetes vulgaris</i>	grass shrimp	78712	46137	7243	1791	78	721	192	
<i>Palaemonetes sp.</i>	grass shrimp	0	0	0	0	0	0	0	
<i>Crangon septemspinosus</i>	Sand shrimp	302737	38678	9708	1635	0	12	8	
<i>Libinia dubia</i>	Spider crab	140	183	198	84	68	39	16	
<i>Cancer irroratus</i>	Rock crab	0	0	0	0	0	0	0	
<i>Ovalipes ocellatus</i>	lady crab	259	11	36	14	13	11	14	
<i>Callinectes sapidus</i>	Blue crab	757401	293100	176653	193828	106513	439649	138126	
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	
<i>Neopanope texana</i>	a mud crab	0	10	39	22	16	16	0	
Total given		1139621	378200	193970	197441	106766	490526	138366	
Total calculated		1139466	378144	193970	197422	106758	440515	138366	
% represented by 100+		99.99	99.99	100.00	99.99	99.99	89.80	100.00	
Total given		1176875	392707	205676	205725	110279	500511	139602	
Grand Total calculated		1176676	392644	205621	205709	110225	450467	139599	
% represented by 100+		99.98	99.98	99.97	99.99	99.95	90.00	100.00	
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April									
2. Compiled from:									
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish									
Tables 6 and 7, and Appendix Tables 18 through 25, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, January-April 1976 Volume 1: Fin-and-Shellfish									
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Total Estimated Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens Taken From Sept. 1975 to Aug. 1976

		Month	August				
		Week	1	2	3	4	5
		Dates	1-7	8-14	15-21	22-28	29-4
		Year	1976	1976	1976	1976	1976
<i>Anguilla rostrata</i>	American eel	0	5	0	0	4	
<i>Alosa aestivalis</i>	Blueback herring	0	4	4	2	0	
<i>Alosa pseudoharengus</i>	Aelwife	0	4	8	4	4	
<i>Brevoortia tyrannus</i>	Atlantic menhaden	89	342	274	96	186	
<i>Clupea harengus</i>	Atlantic herring	0	0	0	0	0	
<i>Anchoa miticilli</i>	Bay anchovy	365	945	6211	1288	3760	
<i>Opsanus tau</i>	Oyster toadfish	52	259	192	53	150	
<i>Rissola marginata</i>	Striped cuskeel	320	461	366	6	251	
<i>Urophycis regius</i>	Spotted hake	2	0	0	0	0	
<i>Menidia menidia</i>	Atlantic silverside	0	0	0	0	2	
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0	0	
<i>Hippocampus erectus</i>	Lined seahorse	0	0	2	0	0	
<i>Syngnathus fuscus</i>	Northern pipefish	0	33	17	11	40	
<i>Morone americana</i>	White perch	0	6	8	3	4	
<i>Pomatomus saltatrix</i>	Bluefish	25	189	221	249	254	
<i>Caranx hippos</i>	Crevalle jack	105	63	2	0	33	
<i>Selene vomer</i>	Lookdown	37	41	41	4	28	
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	19	
<i>Cynoscion regalis</i>	Weakfish	509	2435	1682	526	1067	
<i>Leiostomus xanthurus</i>	Spot	355	1713	1078	239	277	
<i>Gobiosoma bosci</i>	Naked goby	0	0	0	0	4	
<i>Prionotus evolans</i>	Striped searobin	63	459	11554	115	5718	
<i>Etropus microstomus</i>	Smallmouth flounder	0	3	0	0	15	
<i>Paralichthys dentatus</i>	Summer flounder	40	423	146	9	193	
<i>Scophthalmus aquosus</i>	Windowpane	0	58	15	0	32	
<i>Pseudopleuronectes americanus</i>	Winter flounder	3	0	75	0	34	
<i>Trinectes maculatus</i>	Hogchoker	13	17	14	0	33	
<i>Sphoeroides macualtus</i>	Northern puffer	16	179	173	9	82	
Total given		2001	7952	22301	2638	12341	
Total calculated		1994	7639	22083	2614	12190	
% represented by 100+		99.65	96.06	99.02	99.09	98.78	

Total Estimated Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens Taken From Sept. 1975 to Aug. 1976

		Month	August				
		Week	1	2	3	4	5
		Dates	1-7	8-14	15-21	22-28	29-4
		Year	1976	1976	1976	1976	1976
<i>Lolliguncula brevis</i>	brief squid		295	406	936	436	767
<i>Polychaeta</i> (class)	bristle worms		14	31	4	6	7
<i>Limulus polyphemus</i>	horseshoe crab		0	0	9	0	0
<i>Paneaus aztecus</i>	brown shrimp		0	0	0	4	18
<i>Palaemonetes vulgaris</i>	grass shrimp		3	0	13	0	0
<i>Palaemonetes sp.</i>	grass shrimp		0	0	0	0	0
<i>Crangon septemspinosa</i>	Sand shrimp		11	0	0	4	5
<i>Libinia dubia</i>	Spider crab		12	60	4	9	0
<i>Cancer irroratus</i>	Rock crab		2	0	0	0	0
<i>Ovalipes ocellatus</i>	lady crab		33	57	49	6	37
<i>Callinectes sapidus</i>	Blue crab		141878	251553	308488	48502	80526
<i>Callinectes similis</i>	Lesser blue crab		0	6	0	36	480
<i>Neopanope texana</i>	a mud crab		4	11	0	0	4
Total given			142256	252124	309503	49003	81857
Total calculated			142252	252124	309503	49003	81844
% represented by 100+			100.00	100.00	100.00	100.00	99.98
Total given			144257	260076	331804	51641	94198
Grand Total calculated			144246	259763	331586	51617	94034
% represented by 100+			99.99	99.88	99.93	99.95	99.83
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April							
2. Compiled from:							
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish							
Tables 6 and 7, and Appendix Tables 18 through 25, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, January-April 1976 Volume 1: Fin-and-Shellfish							
Tables 13 and 14, and Appendix Tables 38 through 55, in Preliminary Final Report of Ecological Studies for the Oyster Creek Generating Station, September 1975-August 1976, Volume 1: Fin-and-Shellfish							

Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

	Month	September			October	
		2	3	4	1	2
		7-13	14-20	21-27	28-4	5-11
		1975	1975	1975	1975	1975
<i>Anguilla rostrata</i>	American eel	0.555	0.000	3.500	0.000	0.000
<i>Alosa aestivalis</i>	Blueback herring	0.058	0.278	0.000	0.000	0.231
<i>Alosa pseudoharengus</i>	Aelwife	0.021	0.019	0.009	0.147	0.000
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.870	0.765	2.144	0.000	0.000
<i>Clupea harengus</i>	Atlantic herring	0.000	0.000	0.000	0.000	0.000
<i>Anchoa mitchilli</i>	Bay anchovy	0.208	4.111	1.416	2.310	6.482
<i>Opsanus tau</i>	Oyster toadfish	0.390	0.903	0.240	2.667	0.434
<i>Rissola marginata</i>	Striped cuskeel	0.000	0.047	0.000	0.000	0.098
<i>Urophycis regius</i>	Spotted hake	0.000	0.000	0.000	0.000	0.000
<i>Menidia menidia</i>	Atlantic silverside	0.000	0.007	0.000	0.000	0.014
<i>Apeltes quadracus</i>	Fourspine stickleback	0.000	0.000	0.000	0.000	0.000
<i>Hippocampus erectus</i>	Lined seahorse	0.007	0.000	0.000	0.028	0.005
<i>Syngnathus fuscus</i>	Northern pipefish	0.012	0.021	0.084	0.028	0.044
<i>Morone americana</i>	White perch	0.000	0.000	0.315	0.000	0.000
<i>Pomatomus saltatrix</i>	Bluefish	0.684	1.113	0.177	1.351	0.112
<i>Caranx hippos</i>	Crevalle jack	0.021	0.051	0.000	0.035	0.063
<i>Selene vomer</i>	Lookdown	0.562	0.000	0.224	0.056	0.478
<i>Bairdiella chrysura</i>	Silver perch	0.070	0.012	0.000	0.000	0.047
<i>Cynoscion regalis</i>	Weakfish	1.094	3.269	7.271	0.763	0.723
<i>Leiostomus xanthurus</i>	Spot	0.000	0.000	0.168	0.000	0.000
<i>Gobiosoma boscii</i>	Naked goby	0.000	0.002	0.000	0.000	0.000
<i>Prionotus evolans</i>	Striped searobin	0.366	1.381	1.568	2.051	11.772
<i>Etropus microstomus</i>	Smallmouth flounder	0.000	0.023	0.000	0.000	0.000
<i>Paralichthys dentatus</i>	Summer flounder	0.588	9.690	5.437	0.000	5.756
<i>Scophthalmus aquosus</i>	Windowpane	0.000	0.000	0.000	0.000	0.000
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.000	0.000	0.000	0.000	0.000
<i>Trinectes maculatus</i>	Hogchoker	0.359	0.793	0.000	0.000	0.553
<i>Sphoeroides maculatus</i>	Northern puffer	0.798	1.962	0.581	0.000	0.814
Total given						
Total calculated		6.663	24.447	23.134	9.436	27.626
% represented by 100+						



Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

		Month	September			October	
		Week	2	3	4	1	2
		Dates	7-13	14-20	21-27	28-4	5-11
		Year	1975	1975	1975	1975	1975
<i>Lolliguncula brevis</i>	brief squid		0.000	0.000	0.000	0.000	0.000
Polychaeta (class)	bristle worms		0.002	0.000	0.000	0.000	0.000
<i>Limulus polyphemus</i>	horseshoe crab		0.000	0.000	0.000	0.000	6.767
<i>Panaeus aztecus</i>	brown shrimp		0.212	0.595	1.134	0.406	2.576
<i>Palaemonetes vulgaris</i>	grass shrimp		0.002	0.005	0.002	0.000	0.014
<i>Palaemonetes sp.</i>			0.000	0.000	0.000	0.007	0.000
<i>Crangon septemspinosus</i>	Sand shrimp		0.000	0.000	0.000	0.000	0.007
<i>Libinia dubia</i>	Spider crab		0.000	0.000	0.000	0.000	0.000
<i>Cancer irroratus</i>	Rock crab		0.000	0.000	0.000	0.000	0.000
<i>Ovalipes ocellatus</i>	lady crab		0.065	0.000	0.224	0.000	0.009
<i>Callinectes sapidus</i>	Blue crab		192.598	340.384	286.393	98.966	158.526
<i>Callinectes similis</i>	Lesser blue crab		0.665	0.299	0.453	1.491	1.202
<i>Neopanope texana</i>	a mud crab		0.091	0.054	0.121	0.105	0.096
Total given							
Total calculated			193.635	341.337	288.327	100.975	169.197
% represented by 100+							
Total given			201.475	373.580	313.800	110.614	200.068
Grand Total calculated			200.298	365.784	311.461	110.411	196.823
% represented by 100+			99.42	97.91	99.25	99.82	98.38
<b>NOTES:</b>							
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April							
2. Compiled from:							
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish							
Tables 6 and 8, and Appendix Tables 18 through 25, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, January-April 1976 Volume 1: Fin-and-Shellfish							
Tables 13 and 15, and Appendix Tables 38 through 55, in Preliminary Final Report of Ecological Studies for the Oyster Creek Generating Station, September 1975-August 1976, Volume 1: Fin-and-Shellfish							
3. No samples were taken 28 Dec 75 through 6 Mar 76							

Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

		Month	October (cont'd)			November			
		Week	3	4	5	1	2	3	4
		Dates	12-18	19-25	26-1	2-8	9-15	16-22	23-29
		Year	1975	1975	1975	1975	1975	1975	1975
<i>Anguilla rostrata</i>	American eel		0.000	0.000	0.147	1.125	4.405	4.242	1.533
<i>Alosa aestivalis</i>	Blueback herring		1.281	0.182	0.000	0.574	0.259	0.495	0.275
<i>Alosa pseudoharengus</i>	Aelwife		0.000	0.271	0.000	0.056	0.189	0.072	0.464
<i>Brevoortia tyrannus</i>	Atlantic menhaden		0.000	0.964	0.000	3.964	1.332	4.627	4.508
<i>Clupea harengus</i>	Atlantic herring		0.000	0.000	0.000	0.000	0.000	0.000	0.000
<i>Anchoa mitchilli</i>	Bay anchovy		3.757	22.967	2.900	1.906	3.064	0.735	1.384
<i>Opsanus tau</i>	Oyster toadfish		6.657	6.923	6.564	1.386	4.258	3.267	0.208
<i>Rissola marginata</i>	Striped cuskeel		0.000	1.381	0.000	0.189	0.308	5.402	17.288
<i>Urophycis regius</i>	Spotted hake		0.000	0.000	0.000	0.000	0.000	0.000	0.007
<i>Menidia menidia</i>	Atlantic silverside		0.000	0.117	0.005	0.047	0.042	0.163	1.988
<i>Apeltes quadracus</i>	Fourspine stickleback		0.000	0.000	0.000	0.000	0.000	0.005	0.000
<i>Hippocampus erectus</i>	Lined seahorse		0.000	0.014	0.000	0.005	0.026	0.383	0.336
<i>Syngnathus fuscus</i>	Northern pipefish		0.000	0.174	0.187	1.071	0.870	2.177	2.028
<i>Morone americana</i>	White perch		0.000	0.000	0.000	0.285	1.881	0.632	1.759
<i>Pomatomus saltatrix</i>	Bluefish		0.674	0.590	0.077	0.000	0.616	0.770	5.801
<i>Caranx hippos</i>	Crevalle jack		0.030	0.142	0.000	0.345	0.000	0.000	0.303
<i>Selene vomer</i>	Lookdown		0.156	0.875	0.371	1.328	0.630	0.047	0.000
<i>Bairdiella chrysura</i>	Silver perch		0.002	1.134	0.072	0.392	0.714	1.654	5.651
<i>Cynoscion regalis</i>	Weakfish		1.188	7.177	6.732	8.237	5.810	8.706	42.441
<i>Leiostomus xanthurus</i>	Spot		0.000	0.000	0.000	0.000	0.000	0.000	1.988
<i>Gobiosoma boscii</i>	Naked goby		0.000	0.016	0.005	0.002	0.000	0.009	0.014
<i>Prionotus evolans</i>	Striped searobin		2.252	9.823	4.172	2.907	8.176	6.116	6.734
<i>Etropus microstomus</i>	Smallmouth flounder		0.000	0.007	0.070	0.000	0.275	1.524	5.819
<i>Paralichthys dentatus</i>	Summer flounder		27.328	44.298	20.263	75.668	32.989	21.961	31.038
<i>Scophthalmus aquosus</i>	Windowpane		0.735	1.288	0.000	0.203	1.160	2.557	0.212
<i>Pseudopleuronectes americanus</i>	Winter flounder		0.000	0.345	0.000	0.000	3.449	0.000	18.825
<i>Trinectes maculatus</i>	Hogchoker		0.000	0.000	0.278	0.567	0.168	1.255	0.614
<i>Sphoeroides maculatus</i>	Northern puffer		0.028	2.049	0.000	0.483	0.000	0.763	0.000
Total given									
Total calculated			44.088	100.737	41.843	100.74	70.621	67.562	151.218
% represented by 100+									

Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

	Month	October (cont'd)			November			
		3	4	5	1	2	3	4
		12-18	19-25	26-1	2-8	9-15	16-22	23-29
		1975	1975	1975	1975	1975	1975	1975
<i>Lolliguncula brevis</i>	brief squid	0.014	0.000	0.000	0.000	0.000	0.000	0.000
Polychaeta (class)	bristle worms	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<i>Limulus polyphemus</i>	horseshoe crab	2.450	1.731	0.000	12.091	4.219	17.967	0.000
<i>Panaeus aztecus</i>	brown shrimp	0.121	0.000	0.793	0.796	2.469	0.198	0.000
<i>Palaemonetes vulgaris</i>	grass shrimp	0.002	0.033	0.016	0.077	0.233	0.289	1.790
<i>Palaemonetes</i> sp.		0.000	0.000	0.000	0.007	0.002	0.000	0.000
<i>Crangon septemspinosa</i>	Sand shrimp	0.028	0.194	0.079	0.103	0.924	1.279	9.954
<i>Libinia dubia</i>	Spider crab	0.000	1.442	0.457	0.000	0.000	0.168	0.000
<i>Cancer irroratus</i>	Rock crab	0.000	0.000	0.000	0.000	0.000	0.000	0.317
<i>Ovalipes ocellatus</i>	lady crab	0.023	2.767	0.931	1.314	0.609	0.432	0.037
<i>Callinectes sapidus</i>	Blue crab	98.126	771.344	86.130	30.333	76.011	10.327	1.111
<i>Callinectes similis</i>	Lesser blue crab	0.387	0.541	0.380	0.103	0.590	0.002	0.000
<i>Neopanope texana</i>	a mud crab	0.030	0.093	0.049	0.180	0.229	0.086	0.023
Total given								
Total calculated		101.181	778.145	88.835	45.004	85.286	30.748	13.232
% represented by 100+								
Total given		148.223	889.601	134.482	154.012	172.430	112.120	173.744
Grand Total calculated		145.269	878.882	130.678	145.744	155.907	98.31	164.45
% represented by 100+		98.01	98.80	97.17	94.63	90.42	87.68	94.65
NOTES:								
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April								
2. Compiled from:								
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish								
Tables 6 and 8, and Appendix Tables 18 through 25, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, January-April 1976 Volume 1: Fin-and-Shellfish								
Tables 13 and 15, and Appendix Tables 38 through 55, in Preliminary Final Report of Ecological Studies for the Oyster Creek Generating Station, September 1975-August 1976, Volume 1: Fin-and-Shellfish								
3. No samples were taken 28 Dec 75 through 6 Mar 76								

Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

		Month	December			
		Week	1	2	3	4
		Dates	30-6	7-13	14-20	21-27
		Year	1975	1975	1975	1975
<i>Anguilla rostrata</i>	American eel		3.355	10.288	17.059	9.375
<i>Alosa aestivalis</i>	Blueback herring		0.824	0.229	1.090	66.542
<i>Alosa pseudoharengus</i>	Aelwife		0.684	1.738	0.117	0.173
<i>Brevoortia tyrannus</i>	Atlantic menhaden		110.990	62.085	148.988	342.094
<i>Clupea harengus</i>	Atlantic herring		0.000	0.000	0.000	0.007
<i>Anchoa mitchilli</i>	Bay anchovy		0.406	0.583	0.726	0.415
<i>Opsanus tau</i>	Oyster toadfish		0.257	0.299	3.201	0.028
<i>Rissola marginata</i>	Striped cuskeel		11.053	2.266	4.716	0.812
<i>Urophycis regius</i>	Spotted hake		0.000	0.014	0.000	0.938
<i>Menidia menidia</i>	Atlantic silverside		11.902	10.451	2.469	71.897
<i>Apeltes quadracus</i>	Fourspine stickleback		0.028	0.056	0.040	0.282
<i>Hippocampus erectus</i>	Lined seahorse		1.451	0.709	0.399	0.261
<i>Syngnathus fuscus</i>	Northern pipefish		16.800	3.323	1.090	3.379
<i>Morone americana</i>	White perch		5.292	2.513	0.511	4.482
<i>Pomatomus saltatrix</i>	Bluefish		1.925	0.679	0.000	0.000
<i>Caranx hippos</i>	Crevalle jack		0.000	0.000	0.000	0.000
<i>Selene vomer</i>	Lookdown		0.000	0.000	0.000	0.000
<i>Bairdiella chrysura</i>	Silver perch		0.812	0.341	0.359	0.000
<i>Cynoscion regalis</i>	Weakfish		1.470	0.093	0.156	0.222
<i>Leiostomus xanthurus</i>	Spot		1.239	0.000	0.415	0.000
<i>Gobiosoma boscii</i>	Naked goby		0.264	0.047	0.161	0.387
<i>Prionotus evolans</i>	Striped searobin		2.926	2.991	1.125	0.154
<i>Etropus microstomus</i>	Smallmouth flounder		37.249	10.176	3.187	7.439
<i>Paralichthys dentatus</i>	Summer flounder		4.060	6.372	0.714	8.101
<i>Scophthalmus aquosus</i>	Windowpane		0.861	0.653	0.000	15.722
<i>Pseudopleuronectes americanus</i>	Winter flounder		0.203	19.395	10.668	51.609
<i>Trinectes maculatus</i>	Hogchoker		0.000	0.418	0.310	0.000
<i>Sphoeroides maculatus</i>	Northern puffer		0.000	0.000	0.000	0.000
Total given						
Total calculated			214.051	135.719	197.501	584.319
% represented by 100+						



Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

		Month	December			
		Week	1	2	3	4
		Dates	30-6	7-13	14-20	21-27
		Year	1975	1975	1975	1975
<i>Lolliguncula brevis</i>	brief squid		0.000	0.000	0.000	0.000
Polychaeta (class)	bristle worms		0.002	0.259	0.093	0.000
<i>Limulus polyphemus</i>	horseshoe crab		0.000	0.000	2.333	0.000
<i>Paneaus aztecus</i>	brown shrimp		0.028	0.000	0.000	0.000
<i>Palaemonetes vulgaris</i>	grass shrimp		6.494	9.042	4.198	5.091
<i>Palaemonetes sp.</i>			0.000	0.000	2.359	0.495
<i>Crangon septemspinosa</i>	Sand shrimp		296.053	125.717	168.492	546.259
<i>Libinia dubia</i>	Spider crab		0.000	0.000	0.000	0.000
<i>Cancer irroratus</i>	Rock crab		0.049	0.000	0.135	0.698
<i>Ovalipes ocellatus</i>	lady crab		0.532	0.149	1.045	0.000
<i>Callinectes sapidus</i>	Blue crab		0.175	0.408	8.129	0.000
<i>Callinectes similis</i>	Lesser blue crab		0.002	0.000	0.000	0.000
<i>Neopanope texana</i>	a mud crab		0.425	0.000	0.035	0.000
Total given						
Total calculated			303.76	135.575	186.819	552.543
% represented by 100+						
Total given			543.129	280.995	388.130	1187.162
Grand Total calculated			517.811	271.294	384.32	1136.862
% represented by 100+			95.34	96.55	99.02	95.76
<b>NOTES:</b>						
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April						
2. Compiled from:						
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish						
Tables 6 and 8, and Appendix Tables 18 through 25, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, January-April 1976 Volume 1: Fin-and-Shellfish						
Tables 13 and 15, and Appendix Tables 38 through 55, in Preliminary Final Report of Ecological Studies for the Oyster Creek Generating Station, September 1975-August 1976, Volume 1: Fin-and-Shellfish						
3. No samples were taken 28 Dec 75 through 6 Mar 76						

Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

	Month	March				April			
		1	2	3	4	5	6	7	8
		7-13	14-20	21-27	28-3	4-10	11-17	18-24	25-1
		1976	1976	1976	1976	1976	1976	1976	1976
<i>Anguilla rostrata</i>	American eel	1.896	5.336	7.006	11.62	1.463	4.42	20.795	2.999
<i>Alosa aestivalis</i>	Blueback herring	12.28	7.83	21.85	21.47	8.32	10.32	15.73	5.05
<i>Alosa pseudoharengus</i>	Aelwife	2.12	9.96	21.87	24.44	13.22	16.64	64.75	15.70
<i>Brevoortia tyrannus</i>	Atlantic menhaden	3.54	10.90	6.58	6.25	9.29	44.59	51.57	36.02
<i>Clupea harengus</i>	Atlantic herring	6.89	4.77	5.26	1.57	3.28	2.76	7.89	0.01
<i>Anchoa mitchilli</i>	Bay anchovy	0.03	0.55	61.96	74.11	443.78	467.65	1256.09	516.51
<i>Opsanus tau</i>	Oyster toadfish	0.002	1.831	0.469	2.794	1.398	1.553	15.298	16.772
<i>Rissola marginata</i>	Striped cuskeel	0	0.147	0.083	0.422	1.188	0.65	0	0.024
<i>Urophycis regius</i>	Spotted hake	0.021	0.057	0.172	0.098	0.282	0.236	0.009	0.107
<i>Menidia menidia</i>	Atlantic silverside	69.52	30.08	22.78	30.04	3.70	3.71	2.61	2.54
<i>Apeltes quadracus</i>	Fourspine stickleback	0.29	0.26	0.25	0.18	0.11	0.05	0.01	0.01
<i>Hippocampus erectus</i>	Lined seahorse	0	0	0	0	0	0	0	0.011
<i>Syngnathus fuscus</i>	Northern pipefish	4.61	6.43	4.16	4.82	4.74	2.60	1.45	0.62
<i>Morone americana</i>	White perch	0.31	0.039	0.186	0.973	0.235	2.416	0.978	1.101
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	1.869
<i>Leiostomus xanthurus</i>	Spot	0	0	0	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	0.004	0	0.004	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0	0	1.064	0	0	0.198
<i>Etropus microstomus</i>	Smallmouth flounder	0.019	0.016	0	0.018	0.033	0.014	0	0.021
<i>Paralichthys dentatus</i>	Summer flounder	0	0.322	2.186	6.588	1.879	2.482	0	10.253
<i>Scophthalmus aquosus</i>	Windowpane	0.18	1.55	0.96	3.52	0.92	0.16	0.17	0.34
<i>Pseudopleuronectes americanus</i>	Winter flounder	26.77	8.47	11.95	40.93	0.06	5.50	2.89	3.20
<i>Trinectes maculatus</i>	Hogchoker	0.021	0	0.004	1.79	0.546	0.906	2.13	1.344
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	7.894
Total given									
Total calculated		128.503	88.548	167.73	231.633	495.508	566.657	1442.37	622.593
% represented by 100+									

Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

		Month	March				April			
		Week	1	2	3	4	5	6	7	8
		Dates	7-13	14-20	21-27	28-3	4-10	11-17	18-24	25-1
		Year	1976	1976	1976	1976	1976	1976	1976	1976
<i>Lolliguncula brevis</i>	brief squid	0	0	0	0	0	0	0	0	
Polychaeta (class)	bristle worms	1.86	1.19	0.47	0.04	0.01	0.04	0.01	0.01	
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	7.415	5.536	73.975	23.076	
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	0	
<i>Palaemonetes vulgaris</i>	grass shrimp	5.29	4.99	22.75	7.37	5.71	3.02	5.81	2.53	
<i>Palaemonetes sp.</i>		0	0.26	0	0	0	0	0	0	
<i>Crangon septemspinosa</i>	Sand shrimp	62.85	44.80	23.05	24.10	30.12	37.14	84.15	68.34	
<i>Libinia dubia</i>	Spider crab	0	0.00	0	0.00	0	0	1.435	0.715	
<i>Cancer irroratus</i>	Rock crab	1.81	0.89	5.83	19.91	9.72	17.88	9.85	1.12	
<i>Ovalipes ocellatus</i>	lady crab	0.016	0	0.162	0.07	0.154	0.078	0	0.007	
<i>Callinectes sapidus</i>	Blue crab	0.92	0.33	35.71	189.44	128.25	94.22	155.18	95.35	
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	
<i>Neopanope texana</i>	a mud crab	0.075	0.032	0.059	0.032	0.032	0.051	0.016	0.005	
Total given										
Total calculated		72.821	52.492	88.031	240.962	181.411	157.965	330.426	191.153	
% represented by 100+										
Total given		202.99	142.98	256.58	476.69	677.76	725.68	1775.62	813.89	
Grand Total calculated		201.324	141.04	255.761	472.595	676.919	724.622	1772.796	813.746	
% represented by 100+		99.18	98.64	99.68	99.14	99.88	99.85	99.84	99.98	
NOTES:										
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April										
2. Compiled from:										
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish										
Tables 6 and 8, and Appendix Tables 18 through 25, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, January-April 1976 Volume 1: Fin-and-Shellfish										
Tables 13 and 15, and Appendix Tables 38 through 55, in Preliminary Final Report of Ecological Studies for the Oyster Creek Generating Station, September 1975-August 1976, Volume 1: Fin-and-Shellfish										
3. No samples were taken 28 Dec 75 through 6 Mar 76										

Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

	Month	May				June			
	Week	1	2	3	4	1	2	3	4
	Dates	2-8	9-15	16-22	23-29	30-5	6-12	13-19	20-26
	Year	1976	1976	1976	1976	1976	1976	1976	1976
<i>Anguilla rostrata</i>	American eel	9.284	9.28	1.483	1.394	4.028	15.461	16.222	0
<i>Alosa aestivalis</i>	Blueback herring	22.595	11.442	16.688	0.918	2.952	0.178	4.755	2.134
<i>Alosa pseudoharengus</i>	Aelwife	32.047	21.172	32.111	2.704	3.462	7.37	1.443	1.855
<i>Brevoortia tyrannus</i>	Atlantic menhaden	51.293	32.601	13.824	7.718	18.503	9.665	24.217	20.804
<i>Clupea harengus</i>	Atlantic herring	0.056	0.255	2.567	0.281	0.554	0.55	0.684	0
<i>Anchoa mitchilli</i>	Bay anchovy	1042.626	304.359	68.971	39.023	23.908	13.82	23.22	6.936
<i>Opsanus tau</i>	Oyster toadfish	73.498	37.103	75.835	44.942	53.037	46.759	126.524	29.686
<i>Rissola marginata</i>	Striped cuskeel	0.434	0.159	0	0	6.574	2.714	21.098	5.442
<i>Urophycis regius</i>	Spotted hake	0.444	0	1.035	1.237	2.407	0.527	19.169	9.679
<i>Menidia menidia</i>	Atlantic silverside	12.414	8.792	3.511	4.274	2.171	0.3	0.011	0.068
<i>Apeltes quadracus</i>	Fourspine stickleback	0.02	0	0.022	0.004	0.013	0.003	0.008	0
<i>Hippocampus erectus</i>	Lined seahorse	0.35	0	0	0	0	0	0.042	0.166
<i>Syngnathus fuscus</i>	Northern pipefish	8	0.691	1.598	1.489	1.082	0.803	3.145	1.678
<i>Morone americana</i>	White perch	5.219	2.102	10.296	0.109	0	6.321	13.26	0
<i>Pomatomus saltatrix</i>	Bluefish	0	0.133	0.455	1.904	4.019	2.16	4.402	1.595
<i>Caranx hippos</i>	Crevalle jack	0	0	0	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0.595	0	0	0	2.547	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0	0	0	0.567	34.001	23.933
<i>Gobiosoma boscii</i>	Naked goby	0	0.012	0.064	0.011	0.114	0	0.266	0
<i>Prionotus evolans</i>	Striped searobin	0.419	0	50.349	0	2.673	19.138	10.668	0
<i>Etropus microstomus</i>	Smallmouth flounder	0	0.065	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	32.692	12.203	66.35	21.944	12.499	14.434	113.706	2.095
<i>Scophthalmus aquosus</i>	Windowpane	3.663	3.08	9.748	0.491	3.063	0.19	10.843	0.313
<i>Pseudopleuronectes americanus</i>	Winter flounder	71.127	0	0	0	3.355	9.362	34.218	2.287
<i>Trinectes maculatus</i>	Hogchoker	3.003	1.641	0.038	0.038	0.301	0.027	2.798	0.753
<i>Sphoeroides maculatus</i>	Northern puffer	18.373	8.148	156.608	15.978	6.623	4.308	10.867	3.045
Total given		1388.479	460.825	512.311	146.026	151.66	155.084	478.94	112.798
Total calculated		1378.273	443.958	510.665	143.065	147.31	139.196	940.832	225.267
% represented by 100+		99.26	96.34	99.68	97.97	97.13	89.76	196.44	199.71



Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

	Month	May				June				
		Week	1	2	3	4	1	2	3	4
		Dates	2-8	9-15	16-22	23-29	30-5	6-12	13-19	20-26
		Year	1976	1976	1976	1976	1976	1976	1976	1976
<i>Lolliguncula brevis</i>	brief squid	0.085	0.068	0.071	0.097	0.425	0	0.173	0	
Polychaeta (class)	bristle worms	0	0	0	0	0	0	0.008	0	
<i>Limulus polyphemus</i>	horseshoe crab	59.438	195.982	107.906	146.226	71.251	45.278	206.506	28.44	
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	0	
<i>Palaemonetes vulgaris</i>	grass shrimp	11.192	3.569	3.217	8.649	9.18	7.059	56.321	27.59	
<i>Palaemonetes sp.</i>		0	0	0.004	0	0	0	0	0	
<i>Crangon septemspinosa</i>	Sand shrimp	538.871	47.326	1.96	78.91	238.626	44.914	238.994	27.017	
<i>Libinia dubia</i>	Spider crab	0	5.403	2.69	1.763	12.898	2.041	15.094	19.024	
<i>Cancer irroratus</i>	Rock crab	2.698	5.199	0	1.192	2.549	1.093	0	0	
<i>Ovalipes ocellatus</i>	lady crab	0.413	0.121	0.025	0.661	0.732	0.614	3.382	0.168	
<i>Callinectes sapidus</i>	Blue crab	697.898	612.11	827.241	924.642	2804.166	876.916	5335.024	2015.261	
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	
<i>Neopanope texana</i>	a mud crab	0.003	0	0.135	0	0.013	0.067	0	0.051	
Total given		1310.63	872.191	943.29	1163.817	3140.521	979.509	5856.231	2118.806	
Total calculated		1310.595	869.778	943.114	1162.14	3139.827	977.915	5855.502	2117.5	
% represented by 100+		100.00	99.72	99.98	99.86	99.98	99.84	99.99	99.94	
Total given		2699.109	1333.016	1455.601	1309.843	3292.181	1134.593	6335.171	2231.604	
Grand Total calculated		2688.868	1313.736	1453.779	1305.205	3287.137	1117.111	6796.334	2342.767	
% represented by 100+		99.62	98.55	99.87	99.65	99.85	98.46	107.28	104.98	
NOTES:										
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April										
2. Compiled from:										
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish										
Tables 6 and 8, and Appendix Tables 18 through 25, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, January-April 1976 Volume 1: Fin-and-Shellfish										
Tables 13 and 15, and Appendix Tables 38 through 55, in Preliminary Final Report of Ecological Studies for the Oyster Creek Generating Station, September 1975-August 1976, Volume 1: Fin-and-Shellfish										
3. No samples were taken 28 Dec 75 through 6 Mar 76										

Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

	Month	July				August			
	Week	1	2	3	4	1	2	3	4
	Dates	27-3	4-10	11-17	18-24	25-31	1-7	8-14	15-21
	Year	1976	1976	1976	1976	1976	1976	1976	1976
<i>Anguilla rostrata</i>	American eel	1.325	0.87	0	0	0.501	0	3.564	0
<i>Alosa aestivalis</i>	Blueback herring	0	0	0.014	0	0	0	0.028	0.028
<i>Alosa pseudoharengus</i>	Aelwife	3.606	4.303	0.031	0	0.215	0	8.009	0.038
<i>Brevoortia tyrannus</i>	Atlantic menhaden	8.04	8.686	9.475	18.971	5.003	5.794	13.039	5.248
<i>Clupea harengus</i>	Atlantic herring	0.093	0.023	0	0.039	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	7.853	4.188	2.555	3.498	0.373	0.924	2.308	14.036
<i>Opsanus tau</i>	Oyster toadfish	27.379	17.831	4.658	6.837	4.579	4.533	15.09	6.829
<i>Rissola marginata</i>	Striped cuskeel	12.451	11.956	1.143	16.402	2.05	6.226	7.375	6.701
<i>Urophycis regius</i>	Spotted hake	3.819	1.101	0	0.188	0	0.14	0	0
<i>Menidia menidia</i>	Atlantic silverside	0.016	0	0	0	0	0	0	0
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0.004	0	0	0	0	0	0
<i>Hippocampus erectus</i>	Lined seahorse	0	2.132	0	0	0	0	0	0.016
<i>Syngnathus fuscus</i>	Northern pipefish	0.543	0.316	0.049	0.463	0.038	0	0.189	0.051
<i>Morone americana</i>	White perch	0.19	0.057	0	2.669	0.854	0	0.689	0.209
<i>Pomatomus saltatrix</i>	Bluefish	1.089	0.635	0.979	2.925	0.557	0.501	6.268	6.297
<i>Caranx hippos</i>	Crevalle jack	0.007	0	0.051	0.055	0.016	0.179	0.103	0.021
<i>Selene vomer</i>	Lookdown	0	0	0.015	0.238	0.156	0.846	0.361	0.886
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0.733	18.044	0	0.179	0.135	1.407	9.011	8.854
<i>Leiostomus xanthurus</i>	Spot	18.214	21.64	6.462	16.758	3.372	2.439	16.341	11.27
<i>Gobiosoma bosci</i>	Naked goby	0	0	0	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	1.769	0	0	5.307	1.924	2.967	47.464	58.317
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0	0	0.038	0
<i>Paralichthys dentatus</i>	Summer flounder	11.084	1.214	11.805	44.007	3.026	11.045	163.699	24.06
<i>Scophthalmus aquosus</i>	Windowpane	0.297	0	0	0	0	0	4.427	0.405
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.921	0.314	0	0	0	0.016	0	0.439
<i>Trinectes maculatus</i>	Hogchoker	0.664	1.163	0.697	2.594	0.561	0.266	0.857	0.341
<i>Sphoeroides maculatus</i>	Northern puffer	4.483	0	0	3.801	0.201	0.332	6.559	2.28
Total given		104.772	94.562	45.122	126.639	23.667	39.261	359.788	167.754
Total calculated		103.251	93.607	37.934	124.931	23.06	37.615	301.855	146.326
% represented by 100+		98.55	98.99	84.07	98.65	97.44	95.81	83.90	87.23

Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

	Month	July				August			
	Week	1	2	3	4	1	2	3	4
	Dates	27-3	4-10	11-17	18-24	25-31	1-7	8-14	15-21
	Year	1976	1976	1976	1976	1976	1976	1976	1976
<i>Lolliguncula brevis</i>	brief squid	0.015	0.498	1.314	0.493	0.016	2.228	3.944	11.548
Polychaeta (class)	bristle worms	0.008	0	0	0.005	0	0	0	0.019
<i>Limulus polyphemus</i>	horseshoe crab	128.179	35.294	18.136	48.631	3.338	11.477	45.87	2.688
<i>Paneaus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	4.421	1.256	0.074	0.62	0.147	0.003	0	0.013
<i>Palaemonetes sp.</i>		0	0	0	0	0	0	0	0
<i>Crangon septemspinosa</i>	Sand shrimp	4.253	0.96	0	0.012	0.008	0.008	0	0
<i>Libinia dubia</i>	Spider crab	20.456	9.739	8.236	3.85	2.61	1.554	7.929	0.532
<i>Cancer irroratus</i>	Rock crab	0	0	0	0	0	0.42	0	0
<i>Ovalipes ocellatus</i>	lady crab	0.588	0.189	0.231	0.16	0.243	0.705	1.335	0.722
<i>Callinectes sapidus</i>	Blue crab	1856.44	1776.573	1233.412	5738.389	2211.116	2306.263	4107.977	3922.088
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0.006	0
<i>Neopanope texana</i>	a mud crab	0.046	0.044	0.024	0.02	0	0.004	0.023	0
<b>Total given</b>		<b>2018.49</b>	<b>1824.847</b>	<b>1261.435</b>	<b>5792.32</b>	<b>2217.478</b>	<b>2322.393</b>	<b>4169.868</b>	<b>3937.695</b>
<b>Total calculated</b>		<b>2014.36</b>	<b>1824.509</b>	<b>1261.403</b>	<b>5792.16</b>	<b>2217.478</b>	<b>2322.658</b>	<b>4167.061</b>	<b>3937.61</b>
<b>% represented by 100+</b>		<b>99.80</b>	<b>99.98</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.01</b>	<b>99.93</b>	<b>100.00</b>
<b>Total given</b>		<b>2123.262</b>	<b>1919.409</b>	<b>1306.557</b>	<b>5918.959</b>	<b>2241.145</b>	<b>2361.654</b>	<b>4529.656</b>	<b>4105.449</b>
<b>Grand Total calculated</b>		<b>2117.611</b>	<b>1918.116</b>	<b>1299.337</b>	<b>5917.091</b>	<b>2240.538</b>	<b>2360.273</b>	<b>4468.916</b>	<b>4083.936</b>
<b>% represented by 100+</b>		<b>99.73</b>	<b>99.93</b>	<b>99.45</b>	<b>99.97</b>	<b>99.97</b>	<b>99.94</b>	<b>98.66</b>	<b>99.48</b>
<b>NOTES:</b>									
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April									
2. Compiled from:									
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish									
Tables 6 and 8, and Appendix Tables 18 through 25, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, January-April 1976 Volume 1: Fin-and-Shellfish									
Tables 13 and 15, and Appendix Tables 38 through 55, in Preliminary Final Report of Ecological Studies for the Oyster Creek Generating Station, September 1975-August 1976, Volume 1: Fin-and-Shellfish									
3. No samples were taken 28 Dec 75 through 6 Mar 76									

Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

	Month	August (cont'd)	
	Week	1	2
	Dates	22-28	29-4
	Year	1976	1976
<i>Anguilla rostrata</i>	American eel	0	1.05
<i>Alosa aestivalis</i>	Blueback herring	0.014	0.032
<i>Alosa pseudoharengus</i>	Aelwife	0.41	11.768
<i>Brevoortia tyrannus</i>	Atlantic menhaden	8.505	0
<i>Clupea harengus</i>	Atlantic herring	0	11.178
<i>Anchoa mitchilli</i>	Bay anchovy	2.641	14.225
<i>Opsanus tau</i>	Oyster toadfish	9.996	5.276
<i>Rissola marginata</i>	Striped cuskeel	0.155	0.009
<i>Urophycis regius</i>	Spotted hake	0	0
<i>Menidia menidia</i>	Atlantic silverside	0	0.086
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0
<i>Hippocampus erectus</i>	Lined seahorse	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	0.018	4.066
<i>Morone americana</i>	White perch	0.416	0.137
<i>Pomatomus saltatrix</i>	Bluefish	1.752	13.822
<i>Caranx hippos</i>	Crevalle jack	0	0.172
<i>Selene vomer</i>	Lookdown	0.046	0.547
<i>Bairdiella chrysura</i>	Silver perch	0	0.119
<i>Cynoscion regalis</i>	Weakfish	2.948	3.238
<i>Leiostomus xanthurus</i>	Spot	2.444	53.078
<i>Gobiosoma boscii</i>	Naked goby	0	0.004
<i>Prionotus evolans</i>	Striped searobin	5.546	31.577
<i>Etropus microstomus</i>	Smallmouth flounder	0	0.039
<i>Paralichthys dentatus</i>	Summer flounder	1.432	1.841
<i>Scophthalmus aquosus</i>	Windowpane	0	3.364
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	2.319
<i>Trinectes maculatus</i>	Hogchoker	0	1.021
<i>Sphoeroides maculatus</i>	Northern puffer	0.754	0
Total given		37.905	176.267
Total calculated		37.077	157.918
% represented by 100+		97.82	89.59



Total Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged By Week for Taxa With More Than 100 Specimens, Sept. 1975 to Aug. 1976

	Month	August (cont'd)	
	Week	1	2
	Dates	22-28	29-4
	Year	1976	1976
<i>Lolliguncula brevis</i>	brief squid	5.712	12.274
Polychaeta (class)	bristle worms	0	0
<i>Limulus polyphemus</i>	horseshoe crab	14.467	7.84
<i>Panaeus aztecus</i>	brown shrimp	0.004	0.063
<i>Palaemonetes vulgaris</i>	grass shrimp	0	0
<i>Palaemonetes sp.</i>		0	0
<i>Crangon septemspinosa</i>	Sand shrimp	0.004	0.005
<i>Libinia dubia</i>	Spider crab	1.995	0
<i>Cancer irroratus</i>	Rock crab	0	0
<i>Ovalipes ocellatus</i>	lady crab	0.006	0.783
<i>Callinectes sapidus</i>	Blue crab	1365.771	1721.43
<i>Callinectes similis</i>	Lesser blue crab	0.039	0.571
<i>Neopanope texana</i>	a mud crab	0	0.007
<b>Total given</b>		<b>1388.393</b>	<b>1743.607</b>
<b>Total calculated</b>		<b>1387.998</b>	<b>1742.966</b>
<b>% represented by 100+</b>		<b>99.97</b>	<b>99.96</b>
<b>Total given</b>		<b>1426.298</b>	<b>1919.874</b>
<b>Grand Total calculated</b>		<b>1425.075</b>	<b>1900.884</b>
<b>% represented by 100+</b>		<b>99.91</b>	<b>99.01</b>
<b>NOTES:</b>			
1. Vertebrate/Invertebrate totals not given for Sept-Dec and March-April			
2. Compiled from:			
Tables 7 and 10, and Appendix Tables 6 through 21, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, September-December 1975 Volume 1: Fin-and-Shellfish			
Tables 6 and 8, and Appendix Tables 18 through 25, in Progress Report of Ecological Studies for the Oyster Creek Generating Station, January-April 1976 Volume 1: Fin-and-Shellfish			
Tables 13 and 15, and Appendix Tables 38 through 55, in Preliminary Final Report of Ecological Studies for the Oyster Creek Generating Station, September 1975-August 1976, Volume 1: Fin-and-Shellfish			
3. No samples were taken 28 Dec 75 through 6 Mar 76			

Monthly Mean Densities (n/m3) of Ichthyoplankton collected at the OCGS from September 1975 through August 1976  
(Table 21, Ecological Studies for the Oyster Creek Generating Station: Progress Report for the Period Sept. 1975 - Aug. 1976: Vol. 2: Plankton)

Month	September				October			
Time	24-hr				24-hr			
Location*	7	11	12	13	7	11	12	13
Juveniles								
<i>Micropogon undulatus</i>								
<i>Hippocampus Erectus</i>		0.001		0.002				
<i>Anguilla rostrata</i>								0.002
<i>Opsanus tau</i>								
<i>Clupea harengus</i>								
<i>Apeltes quadracus</i>								
<i>Syngnathus fuscus</i>	0.025	0.018	0.024	0.017	0.006	0.002		
<i>Cynoscion regalis</i>								
<i>Gobiosoma sp.</i>								
<i>Gobiosoma boscii</i>						0.003		
<i>Gobiosoma ginsburgi</i>		0.001						
<i>Alosa aestivalis</i>								
<i>Syngnathus fuscus</i>								
<i>Paralichthys dentatus</i>								
Larvae								
<i>Anguilla rostrata</i>								
<i>Brevoortia tyrannus</i>					0.003	0.004	0.006	0.007
<i>Clupea harengus</i>								
<i>Enchelyopus cimbrius</i>								
<i>Pollachius virens</i>								
<i>Apeltes quadracus</i>								
<i>Anchoa mitchilli</i>	1.890	1.100	0.469	1.043	0.248	0.076	0.055	0.216
<i>Synodus foetens</i>								
<i>Strongylura marina</i>								
Atherinidae	0.015	0.002	0.003	0.016				
<i>Cynoscion regalis</i>								
<i>Astroscoptes guttatus</i>								
Gasterosteidae								
<i>Micropogon undulatus</i>								
<i>Paralichthys dentatus</i>								
Blenniidae	0.046	0.020	0.031	0.017			0.006	0.013
Gobiidae	0.441	0.249	0.164	0.146	0.011	0.006	0.006	
<i>Trinectes maculatus</i>								
<i>Sphaeroides maculatus</i>								
<i>Ammodytes sp.</i>								
<i>Myoxocephalus sp.</i>								
<i>Pseudopleuronectes americanus</i>								
Unidentified Fish	0.014	0.001		0.001				
Eggs								
<i>Anchoa mitchilli</i>								
<i>Brevoortia tyrannus</i>								
<i>Enchelyopus cimbrius</i>								
<i>Menidia menidia</i>								
<i>Tautoga onitis</i>								
<i>Tautoglabrus adspersus</i>								
<i>Peprilus triacanthus</i>								
<i>Scophthalmus aquosus</i>								
<i>Trinectes maculatus</i>								
Unidentified Fish		0.004	0.001					
<b>Totals</b>								
<b>Given Larvae &amp; Juveniles</b>	2.430	1.391	0.691	1.242	0.267	0.090	0.073	0.238
<b>Given Eggs</b>	0.000	0.004	0.001	0.000	0.000	0.000	0.000	0.000
<b>Given Total (sum of two above)</b>	2.430	1.395	0.692	1.242	0.267	0.090	0.073	0.238
<b>Calculated Juveniles</b>	0.025	0.020	0.024	0.019	0.006	0.005	0.000	0.002
<b>Calculated Larvae</b>	2.406	1.372	0.667	1.223	0.262	0.086	0.073	0.236
<b>Calculated Eggs</b>	0.000	0.004	0.001	0.000	0.000	0.000	0.000	0.000
<b>Calculated Total</b>	2.431	1.396	0.692	1.242	0.268	0.091	0.073	0.238
<b>Difference</b>	-0.001	-0.001	0.000	0.000	-0.001	-0.001	0.000	0.000

\* Location 7 is the condenser intake;  
Location 11 is the condenser discharge;  
Location 12 is the dilution intake;  
Location 13 is the dilution discharge.  
Shown on Figure 1 of the same report.

Monthly Mean Densities (n/m3) of Ichthyoplankton collected at the OCGS from September 1975 through August 1976  
(Table 21, Ecological Studies for the Oyster Creek Generating Station: Progress Report for the Period Sept. 1975 - Aug. 1976: Vol. 2: Plankton)

Month	November				December			
Time	24-hr				24-hr			
Location*	7	11	12	13	7	11	12	13
Juveniles								
<i>Micropogon undulatus</i>		0.004						
<i>Hippocampus Erectus</i>								
<i>Anguilla rostrata</i>							0.003	
<i>Opsanus tau</i>								
<i>Clupea harengus</i>								
<i>Apeltes quadracus</i>								
<i>Syngnathus fuscus</i>								
<i>Cynoscion regalis</i>								
<i>Gobiosoma sp.</i>								
<i>Gobiosoma boscii</i>								
<i>Gobiosoma ginsburgi</i>						0.004		
<i>Alosa aestivalis</i>								
<i>Syngnathus fuscus</i>								
<i>Paralichthys dentatus</i>						0.008		
Larvae								
<i>Anguilla rostrata</i>								
<i>Brevoortia tyrannus</i>	0.002	0.014	0.007	0.027	0.021	0.011		0.019
<i>Clupea harengus</i>								
<i>Enchelyopus cimbrius</i>								
<i>Pollachius virens</i>								
<i>Apeltes quadracus</i>								
<i>Anchoa mitchilli</i>	0.029	0.023	0.038	0.096	0.009	0.003	0.005	0.023
<i>Synodus foetens</i>								
<i>Strongylura marina</i>								
Atherinidae								
<i>Cynoscion regalis</i>								
<i>Astroscopus guttatus</i>								
Gasterostiidae								
<i>Micropogon undulatus</i>							0.005	
<i>Paralichthys dentatus</i>							0.005	
Blenniidae								
Gobiidae								
<i>Trinectes maculatus</i>								
<i>Sphoeroides maculatus</i>								
<i>Ammodytes sp.</i>								
<i>Myoxocephalus sp.</i>								
<i>Pseudopleuronectes americanus</i>								
Unidentified Fish								
Eggs								
<i>Anchoa mitchilli</i>								
<i>Brevoortia tyrannus</i>								
<i>Enchelyopus cimbrius</i>								
<i>Menidia menidia</i>								
<i>Tautoga onitis</i>								
<i>Tautoglabrus adspersus</i>								
<i>Peprilus triacanthus</i>								
<i>Scophthalmus aquosus</i>								
<i>Trinectes maculatus</i>								
Unidentified Fish								
Totals								
Given Larvae & Juveniles	0.031	0.041	0.045	0.123	0.030	0.026	0.017	0.042
Given Eggs	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Given Total (sum of two above)	0.031	0.041	0.045	0.123	0.030	0.026	0.017	0.042
Calculated Juveniles	0.000	0.004	0.000	0.000	0.000	0.012	0.003	0.000
Calculated Larvae	0.031	0.037	0.045	0.123	0.030	0.014	0.015	0.042
Calculated Eggs	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Calculated Total	0.031	0.041	0.045	0.123	0.030	0.026	0.018	0.042
Difference	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	0.000

\* Location 7 is the condenser intake;  
Location 11 is the condenser discharge;  
Location 12 is the dilution intake;  
Location 13 is the dilution discharge.  
Shown on Figure 1 of the same report.

Monthly Mean Densities (n/m3) of Ichthyoplankton collected at the OCGS from September 1975 through August 1976  
(Table 21, Ecological Studies for the Oyster Creek Generating Station: Progress Report for the Period Sept. 1975 - Aug. 1976: Vol. 2: Plankton

Month	January		February		March			
Time	24-hr		24-hr		24-hr			
Location*	12	13	12	13	7	11	12	13
Juveniles								
<i>Micropogon undulatus</i>								
<i>Hippocampus Erectus</i>								
<i>Anguilla rostrata</i>								
<i>Opsanus tau</i>								
<i>Clupea harengus</i>								
<i>Apeltes quadracus</i>								
<i>Syngnathus fuscus</i>								
<i>Cynoscion regalis</i>								
<i>Gobiosoma sp.</i>								
<i>Gobiosoma boscii</i>								
<i>Gobiosoma ginsburgi</i>								
<i>Alosa aestivalis</i>								
<i>Syngnathus fuscus</i>								
<i>Paralichthys dentatus</i>								
Larvae								
<i>Anguilla rostrata</i>	0.008	0.007		0.097	0.115	0.554	0.129	0.297
<i>Brevoortia tyrannus</i>						0.002		
<i>Clupea harengus</i>				0.003		0.005		0.062
<i>Enchelyopus cimbrius</i>								
<i>Pollachius virens</i>						0.007		
<i>Apeltes quadracus</i>						0.050		
<i>Anchoa mitchilli</i>								
<i>Synodus foetens</i>								
<i>Strongylura marina</i>								
<i>Atherinidae</i>								
<i>Cynoscion regalis</i>								
<i>Astroscopus guttatus</i>								
<i>Gasterosteidae</i>								
<i>Micropogon undulatus</i>								
<i>Paralichthys dentatus</i>								
<i>Blenniidae</i>								
<i>Gobiidae</i>								
<i>Trinectes maculatus</i>								
<i>Sphoeroides maculatus</i>								
<i>Ammodytes sp.</i>	1.853	1.933	1.003	0.984	0.256	0.552	0.734	0.847
<i>Myoxocephalus sp.</i>						0.009		
<i>Pseudopleuronectes americanus</i>			0.298	0.143	1.645	2.646	1.364	2.831
Unidentified Fish								
Eggs								
<i>Anchoa mitchilli</i>								
<i>Brevoortia tyrannus</i>								
<i>Enchelyopus cimbrius</i>					0.018			
<i>Menidia menidia</i>								
<i>Tautoga onitis</i>								
<i>Tautoglabrus adspersus</i>								
<i>Peprilus triacanthus</i>								
<i>Scophthalmus aquosus</i>								
<i>Trinectes maculatus</i>								
Unidentified Fish	0.004			0.006				
<b>Totals</b>								
<b>Given Larvae &amp; Juveniles</b>	1.861	1.939	1.301	1.227	2.015	3.826	2.227	4.037
<b>Given Eggs</b>	0.004	0.000	0.000	0.006	0.018	0.000	0.000	0.000
<b>Given Total (sum of two above)</b>	1.865	1.939	1.301	1.233	2.033	3.826	2.227	4.037
<b>Calculated Juveniles</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Calculated Larvae</b>	1.861	1.940	1.301	1.227	2.016	3.825	2.227	4.037
<b>Calculated Eggs</b>	0.004	0.000	0.000	0.006	0.018	0.000	0.000	0.000
<b>Calculated Total</b>	1.865	1.940	1.301	1.233	2.034	3.825	2.227	4.037
<b>Difference</b>	0.000	-0.001	0.000	0.000	-0.001	0.001	0.000	0.000

\* Location 7 is the condenser intake;  
Location 11 is the condenser discharge;  
Location 12 is the dilution intake;  
Location 13 is the dilution discharge.  
Shown on Figure 1 of the same report.



Monthly Mean Densities (n/m3) of Ichthyoplankton collected at the OCGS from September 1975 through August 1976  
(Table 21, Ecological Studies for the Oyster Creek Generating Station: Progress Report for the Period Sept. 1975 - Aug. 1976: Vol. 2: Plankton)

Month	April		May		June	
Time	24-hr		24-hr		24-hr	
Location*	7	11	7	11	7	11
Juveniles						
<i>Micropogon undulatus</i>						
<i>Hippocampus Erectus</i>						
<i>Anguilla rostrata</i>					0.004	
<i>Opsanus tau</i>						
<i>Clupea harengus</i>	0.001					
<i>Apeltes quadracus</i>						0.003
<i>Syngnathus fuscus</i>		0.007			0.573	0.354
<i>Cynoscion regalis</i>						
<i>Gobiosoma sp.</i>						0.002
<i>Gobiosoma boscii</i>						
<i>Gobiosoma ginsburgi</i>						
<i>Alosa aestivalis</i>				0.001		
<i>Syngnathus fuscus</i>			0.199	0.125		
<i>Paralichthys dentatus</i>						
Larvae						
<i>Anguilla rostrata</i>	0.024	0.223	0.019	0.006	0.002	
<i>Brevoortia tyrannus</i>	0.002	0.001	0.002	0.002		
<i>Clupea harengus</i>	0.006	0.004				
<i>Enchelyopus cimbrius</i>		0.001				
<i>Pollachius virens</i>						
<i>Apeltes quadracus</i>			0.002			
<i>Anchoa mitchilli</i>				0.020	3.586	2.584
<i>Synodus foetens</i>						
<i>Strongylura marina</i>					0.001	
Atherinidae	0.017	0.027	0.080	0.083	0.051	0.094
<i>Cynoscion regalis</i>						
<i>Astroscopus guttatus</i>						
Gasterostidae	0.020					
<i>Micropogon undulatus</i>						
<i>Paralichthys dentatus</i>						
Blenniidae			0.001		0.047	0.090
Gobiidae	0.005		0.277	0.229	4.785	3.982
<i>Trinectes maculatus</i>				0.001		
<i>Sphoeroides maculatus</i>			0.041		0.042	0.007
<i>Ammodytes sp.</i>	0.024	0.021				
<i>Myoxocephalus sp.</i>						
<i>Pseudopleuronectes americanus</i>	0.079	0.042				
Unidentified Fish					0.070	
Eggs						
<i>Anchoa mitchilli</i>	0.034	0.002	38.683	24.196	168.274	96.769
<i>Brevoortia tyrannus</i>						0.008
<i>Enchelyopus cimbrius</i>		0.002		0.010		
<i>Menidia menidia</i>		0.018				
<i>Tautoga onitis</i>	0.283	0.022	2.271	0.249	0.152	0.648
<i>Tautoglabrus adspersus</i>	0.055	0.007	0.792	0.402	0.556	0.499
<i>Peprilus triacanthus</i>					0.001	
<i>Scophthalmus aquosus</i>		0.020		0.030		
<i>Trinectes maculatus</i>			0.026	0.075	0.142	0.271
Unidentified Fish		0.047	0.253	1.292	0.104	0.351
Totals						
Given Larvae & Juveniles	0.178	0.327	0.621	0.466	9.160	7.117
Given Eggs	0.373	0.116	42.024	26.253	169.225	98.545
Given Total (sum of two above)	0.551	0.443	42.645	26.719	178.385	105.662
Calculated Juveniles	0.001	0.007	0.199	0.126	0.577	0.359
Calculated Larvae	0.177	0.319	0.422	0.341	8.584	6.757
Calculated Eggs	0.372	0.118	42.025	26.254	169.229	98.546
Calculated Total	0.550	0.444	42.646	26.721	178.390	105.662
Difference	0.001	-0.001	-0.001	-0.002	-0.005	0.000

\* Location 7 is the condenser intake;  
Location 11 is the condenser discharge;  
Location 12 is the dilution intake;  
Location 13 is the dilution discharge.  
Shown on Figure 1 of the same report.

Monthly Mean Densities (n/m3) of Ichthyoplankton collected at the OCGS from September 1975 through August 1976  
(Table 21, Ecological Studies for the Oyster Creek Generating Station: Progress Report for the Period Sept. 1975 - Aug. 1976: Vol. 2: Plankton)

Month	July		August	
Time	24-hr		24-hr	
Location*	7	11	7	11
Juveniles				
<i>Micropogon undulatus</i>				
<i>Hippocampus Erectus</i>				
<i>Anguilla rostrata</i>		0.003		
<i>Opsanus tau</i>		0.003		
<i>Clupea harengus</i>				
<i>Apeltes quadracus</i>				
<i>Syngnathus fuscus</i>	0.132	0.187	0.102	0.014
<i>Cynoscion regalis</i>				0.004
<i>Gobiosoma sp.</i>				
<i>Gobiosoma bosci</i>				0.009
<i>Gobiosoma ginsburgi</i>		0.004	0.015	0.018
<i>Alosa aestivalis</i>				
<i>Syngnathus fuscus</i>				
<i>Paralichthys dentatus</i>				
Larvae				
<i>Anguilla rostrata</i>	0.003	0.003		
<i>Brevoortia tyrannus</i>				
<i>Clupea harengus</i>				
<i>Enchelyopus cimbrius</i>				
<i>Pollachius virens</i>				
<i>Apeltes quadracus</i>				
<i>Anchoa mitchilli</i>	10.171	7.130	4.056	3.193
<i>Synodus foetens</i>	0.004			
<i>Strongylura marina</i>				
Atherinidae	0.009	0.014	0.012	0.010
<i>Cynoscion regalis</i>	0.006	0.052	0.004	0.015
<i>Astroscopus guttatus</i>	0.003			
Gasterosteidae				
<i>Micropogon undulatus</i>				
<i>Paralichthys dentatus</i>				
Blenniidae	0.023		0.003	
Gobiidae	2.329	2.425	1.052	0.890
<i>Trinectes maculatus</i>				
<i>Sphoeroides maculatus</i>				
<i>Ammodytes sp.</i>				
<i>Myoxocephalus sp.</i>				
<i>Pseudopleuronectes americanus</i>				
Unidentified Fish	0.004		0.005	
Eggs				
<i>Anchoa mitchilli</i>	106.213	59.424	14.409	9.234
<i>Brevoortia tyrannus</i>				
<i>Enchelyopus cimbrius</i>				
<i>Menidia menidia</i>				
<i>Tautoga onitis</i>	0.044		0.005	0.039
<i>Tautoglabrus adspersus</i>				
<i>Pepilius triacanthus</i>				
<i>Scophthalmus aquosus</i>				
<i>Trinectes maculatus</i>	0.218	0.070		
Unidentified Fish	0.018	0.134		0.087
<b>Totals</b>				
<b>Given Larvae &amp; Juveniles</b>	12.684	9.821	5.249	4.152
<b>Given Eggs</b>	106.493	59.628	14.414	9.359
<b>Given Total (sum of two above)</b>	119.177	69.449	19.663	13.511
<b>Calculated Juveniles</b>	0.132	0.197	0.117	0.045
<b>Calculated Larvae</b>	12.552	9.624	5.132	4.108
<b>Calculated Eggs</b>	106.493	59.628	14.414	9.360
<b>Calculated Total</b>	119.177	69.449	19.663	13.513
<b>Difference</b>	0.000	0.000	0.000	-0.002

\* Location 7 is the condenser intake;  
Location 11 is the condenser discharge;  
Location 12 is the dilution intake;  
Location 13 is the dilution discharge.  
Shown on Figure 1 of the same report.

Monthly Mean biomass (mg/m3) of Ichthyoplankton collected at the OCGS, Sept. 1975 through Aug. 1976  
(Table 21 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for the Period September 1975 -August 1976: Vol. 2: Plankton

Month	September				October				November	
Time	24-hr		24-hr		24-hr		24-hr		24-hr	
Location	7	11	12	13	7	11	12	13	7	11
Juveniles										
<i>Anguilla rostrata</i>								1.9		
<i>Syngnathus fuscus</i>	0.0	0.0	0.0	0.0		0.0				
<i>Gobiosoma boscii</i>						1.1				
Larvae										
<i>Brevoortia tyrannus</i>					0.1	0.0	0.1	0.2	0.1	0.3
<i>Anchoa mitchilli</i>	60.2	24.4	14.6	56.8	21.3	3.4	8.1	40.7	3.7	1.4
<i>Atherinidae</i>		0.0	0.0	0.3						
<i>Gobiidae</i>	0.1	0.2	0.1	0.3	0.0	0.0	0.0			
<i>Pseudopleuronectes americanus</i>										
Unidentified Fish										
Totals										
Given Larvae & Juveniles	60.4	24.7	14.8	57.4	21.4	4.5	8.2	42.8	3.8	1.7
Given Eggs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Given Total (sum of two above)	60.4	24.7	14.8	57.4	21.4	4.5	8.2	42.8	3.8	1.7
Calculated Juveniles	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.9	0.0	0.0
Calculated Larvae	60.3	24.6	14.7	57.4	21.4	3.4	8.2	40.9	3.8	1.7
Calculated Total	60.3	24.6	14.7	57.4	21.4	4.5	8.2	42.8	3.8	1.7
Difference**	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

\* Location 7 is the condenser intake  
Location 11 is the Condenser discharge  
Location 12 is the dilution intake  
Location 13 is the dilution discharge

All locations are shown on Fig. 1 of  
the September 1975-August 1976  
Progress Report.

\*\* Calculations in the report table itself are  
incorrect Sept. 1975, Stations 7, 11, and 12;  
April 1976, Station 11; and May 1976,  
Station 11



Monthly Mean biomass (mg/m3) of Ichthyoplankton collected at the OCGS, Sept. 1975 through Aug. 1976  
 (Table 21 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for the Period September 1975 -August 1976: Vol. 2: Plankton

May		June		July		August	
24-hr		24-hr		24-hr		24-hr	
7	11	7	11	7	11	7	11
0.1	0.1	0.5	0.3	0.2	0.1	0.1	0.0
0.1	0.1						
	0.0	0.6	0.4	37.5	33.2	85.9	84.4
					0.0		
0.2	0.3	1.1	0.7	37.7	33.3	86.0	84.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	0.3	1.1	0.7	37.7	33.3	86.0	84.4
0.1	0.1	0.5	0.3	0.2	0.1	0.1	0.0
0.1	0.1	0.6	0.4	37.5	33.2	85.9	84.4
0.2	0.2	1.1	0.7	37.7	33.3	86.0	84.4
0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0



Monthly Day and Night Mean Densities (n/1000m<sup>3</sup>) of Macrozooplankton\* collected at the OCGS, Sept. 1975-Aug. 1977\*\*  
 (Table 7, Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1975-Aug. 1977: Vol. 2: Plankton)

Month Time	September		October		November		December	
	Day	Night	Day	Night	Day	Night	Day	Night
Zoeae								
<i>Cragon septimspinosa</i>	0	0	170	113	52	96	982	999
<i>Palaemonetes</i> sp.	238	112	0	0	0	0	0	0
Megalopae								
<i>Callinectes sapidus</i>	61	1766	26	189	0	0	0	0
Juveniles/Adults								
<i>Cragon septimspinosa</i>	0	53	0	0	0	0	0	513
<b>Total</b>	<b>299</b>	<b>1931</b>	<b>26</b>	<b>189</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>513</b>

\* Only RIS macrozooplankton are recorded here;  
 original table includes all collected  
 macrozooplankton.

\*\* To keep years consistent, only data from 1975-76  
 are presented here. Data from 1976-77 are  
 presented with that year.

Monthly Day and Night Mean Densities (n/1000m<sup>3</sup>) of Macrozooplankton\* collected at the OCGS, Sept. 1975-Aug. 1977\*\*  
 (Table 7, Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1975-Aug. 1977: Vol. 2: Plankton)

Month	January		February		March		April	
Time	Day	Night	Day	Night	Day	Night	Day	Night
Zoeae								
<i>Cragon septimspinosa</i>	63	214	471	792	7443	5750	8513	17558
<i>Palaemonetes</i> sp.	0	0	0	0	0	0	0	0
Megalopae								
<i>Callinectes sapidus</i>	0	0	0	0	0	0	0	0
Juveniles/Adults								
<i>Cragon septimspinosa</i>	15	439	0	612	206	722	0	154
<b>Total</b>	<b>15</b>	<b>439</b>	<b>0</b>	<b>612</b>	<b>7649</b>	<b>6472</b>	<b>8513</b>	<b>17712</b>

\* Only RIS macrozooplankton are recorded here;  
 original table includes all collected  
 macrozooplankton.

\*\* To keep years consistant, only data from 1975-76  
 are presented here. Data from 1976-77 are  
 presented with that year.

Monthly Day and Night Mean Densities (n/1000m<sup>3</sup>) of Macrozooplankton\* collected at the OCGS, Sept. 1975-Aug. 1977\*\*  
 (Table 7, Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1975-Aug. 1977: Vol. 2: Plankton)

Month	May***		June***		July***		August	
Time	Day	Night	Day	Night	Day	Night	Day	Night
Zoeae								
<i>Cragon septimspinosa</i>	6432	26537	13502	17467	2166	293	521	89
<i>Palaemonetes</i> sp.	163	464	619	3584	140	2681	66	682
Megalopae								
<i>Callinectes sapidus</i>	0	0	0	0	0	0	0	91
Juveniles/Adults								
<i>Cragon septimspinosa</i>	0	208	0	154	0	236	11	731
<b>Total</b>	<b>6595</b>	<b>27209</b>	<b>14121</b>	<b>21205</b>	<b>2306</b>	<b>3210</b>	<b>598</b>	<b>1593</b>

\* Only RIS macrozooplankton are recorded here; original table includes all collected macrozooplankton.

\*\* To keep years consistent, only data from 1975-76 are presented here. Data from 1976-77 are presented with that year.

\*\*\* OCGS did not operate from 14 May to 11 July 1977. When the plant was not in operation, samples were taken in the dilution discharge rather than the condenser discharge. Samples were collected both in the condenser intake and discharge (except as noted above) but the data are not separated to display this difference.

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 (this note applies to sept-mar data only). Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

Month		September					October				
Week		1	2	3	4	Monthly	1	2	3	4	Monthly
dates		5-11	12-18	19-25	26-2	Total	3-9	10-16	17-23	24-30	Total
Year		1976	1976	1976	1976		1976	1976	1976	1976	
<i>Anguilla rostrata</i>	American eel	4	0	7	9	20	4	0	11	9	24
<i>Alosa aestivalis</i>	Blueback herring	0	2	5	3	10	21	11	47	87	166
<i>Alosa pseudoharengus</i>	Aelwife	0	2	0	0	2	20	211	96	147	474
<i>Alosa sapidissima</i>	American shad	4	0	0	0	4	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	281	242	209	231	963	721	927	6034	30048	37730
<i>Anchoa hepsetus</i>	Striped anchovy	52	106	45	69	272	0	30	135	50	215
<i>Anchoa mitchilli</i>	Bay anchovy	1399	8347	3631	15405	28782	5324	8617	27396	8003	49340
<i>Synodus foetens</i>	Inshore lizardfish	0	26	78	394	498	199	116	150	85	550
<i>Opsanus tau</i>	Oyster toadfish	48	33	39	32	152	30	93	358	192	673
<i>Rissola marginata</i>	Striped cuskeel	4	15	16	62	97	95	97	4710	7716	12618
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0	0	0	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0	0	0	0	15	44	59
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0	0	0	0	0	8	29	37
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0	0	0	0	0	0	0	0
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	4	0	2	29	35	24	103	284	410	821
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0	0	0	0	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0	0	0	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	19	70	10	14	113	56	66	1007	699	1828
<i>Centropristis striata</i>	Black sea bass	0	2	2	20	24	164	1282	5957	5258	12661
<i>Morone americana</i>	White perch	0	0	7	6	13	0	8	12	18	38
<i>Lepomis gibbosus</i>	Pumpkinseed	0	0	0	0	0	0	0	0	0	0

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	September					October				
		1	2	3	4	Monthly	1	2	3	4	Monthly
		Week	Week	Week	Week	Total	Week	Week	Week	Week	Total
		dates	dates	dates	dates		dates	dates	dates	dates	
Year		1976	1976	1976	1976		1976	1976	1976	1976	
<i>Pomatomus saltatrix</i>	Bluefish	203	124	64	110	501	108	361	482	978	1929
<i>Caranx hippos</i>	Crevalle jack	11	2	11	65	89	83	388	2535	6	3012
<i>Selene vomer</i>	Lookdown	6	6	123	161	296	29	396	342	9	776
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0	0	4	11	78	93
<i>Bairdiella chrysura</i>	Silver perch	12	11	2	16	41	8	94	776	1239	2117
<i>Cynoscion regalis</i>	Weakfish	622	595	285	983	2485	2262	5621	8737	1449	18069
<i>Leiostomus xanthurus</i>	Spot	192	213	87	207	699	279	1427	8141	12845	22692
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0	0	0	0	0	0	5	5
<i>Tautoga onitis</i>	Tautog	0	0	2	0	2	0	0	11	142	153
<i>Mugil curema</i>	White mullet	4	20	5	35	64	13	29	75	0	117
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0	0	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	0	4	0	0	4	0	0	8	0	8
<i>Astrosopus guttatus</i>	Northern stargazer	0	6	0	0	6	0	5	260	274	539
<i>Hypsoblennius hentzi</i>	Feather blenny	25	0	7	11	43	4	12	465	1633	2114
<i>Parpilus tricanthus</i>	Butterfish	10	4	16	9	39	21	95	466	100	682
<i>Prionotus carolinus</i>	Northern searobin	8	8	9	15	40	11	5	49	23	88
<i>Prionotus evolans</i>	Striped searobin	118	826	762	5284	6990	2704	5514	11153	1367	20738
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0	0	0	0	0	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder	0	5	0	26	31	12	91	951	904	1958
<i>Paralichthys dentatus</i>	Summer flounder	103	74	37	162	376	46	662	536	114	1358
<i>Scophthalmus aquosus</i>	Windowpane	0	2	6	32	40	2	43	148	112	305
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	9	5	14	9	9	56	17	91
<i>Trinectes maculatus</i>	Hogchoker	4	13	30	61	108	41	46	89	36	212
<i>Sphaeroides maculatus</i>	Northern puffer	14	18	14	686	732	152	93	89	12	346
Total Given (including all impinged organisms, not just those for listed species)		3182	10796	5530	24274	43782	12499	26747	82398	74466	196110
Total Calculated (using "Total Given")		3147	10776	5520	24142	43585	12442	26456	81600	74138	194636
% represented by 100+											
(Total Calculated/Total Given x 100)		98.90	99.81	99.82	99.46	99.55	99.54	98.91	99.03	99.56	99.25



Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

Month		September					October				
		1	2	3	4	Monthly	1	2	3	4	Monthly
Week											
dates		5-11	12-18	19-25	26-2	Total	3-9	10-16	17-23	24-30	Total
Year		1976	1976	1976	1976		1976	1976	1976	1976	
<i>Lolliguncula brevis</i>	brief squid	434	259	146	96	935	27	65	16	7	115
<i>Aequorea</i> spp.	a hydromedusa	0	0	226	0	226	23	0	0	0	23
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0	0	0	0	0
Polychaeta (class)	bristle worms	0	0	4	3	7	0	0	11	15	26
<i>Squilla empusa</i>	mantis shrimp	0	2	2	5	9	4	28	755	316	1103
<i>Panaeus aztecus</i>	brown shrimp	8	43	58	1170	1279	303	601	2362	163	3429
<i>Palaemonetes vulgaris</i>	grass shrimp	2	0	2	81	85	40	157	3658	70	3925
<i>Crangon septemspinosa</i>	Sand shrimp	0	6	7	9	22	6	62	1391	152	1611
<i>Ovalipes ocellatus</i>	lady crab	13	29	26	125	193	280	125	634	376	1415
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	2	2	19	16	2	0	37
<i>Callinectes sapidus</i>	Blue crab	25429	26018	32231	21025	104703	13697	10210	14121	1186	39214
<i>Callinectes similis</i>	Lesser blue crab	11	692	232	449	1384	92	48	14	0	154
Nemertea (phylum)	ribbon worms	0	0	0	0	0	0	0	0	66	66
Total Given (including all impinged organisms, not just those for listed species)		25897	27049	32943	22975	108864	14529	11340	23008	2419	51296
Total Calculated (using "Total Given")		25897	27049	32934	22965	108845	14491	11312	22964	2351	51118
% represented by 100+ (Total Calculated/Total Given x 100)		100.00	100.00	99.97	99.96	99.98	99.74	99.75	99.81	97.19	99.65
Grand Total given		29079	37845	38473	47249	152646	27028	38087	105406	76885	247406
Grand Total calculated		29044	37825	38454	47107	152430	26933	37768	104564	76489	245754
% represented by 100+		99.88	99.95	99.95	99.70	99.86	99.65	99.16	99.20	99.48	99.33

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 (this note applies to sept-mar data only). Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	November					December					
	Week	1	2	3	4	Monthly	1	2	3	4	5	Monthly
	dates	31-6	7-13	14-20	21-27	Total	28-4	5-11	12-18	19-25	26-1	Total
	Year	1976	1976	1976	1976		1976	1976	1976	1976	1976	
<i>Anguilla rostrata</i>	American eel	5	33	36	50	124	58	117	52	34	20	281
<i>Alosa aestivalis</i>	Blueback herring	127	152	35	68	382	278	11208	8473	4099	624	24682
<i>Alosa pseudoharengus</i>	Aelwife	164	115	29	24	332	24	10	0	40	5	79
<i>Alosa sapidissima</i>	American shad	0	0	0	4	4	0	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	7886	36095	4528	3975	52484	2417	1721	2602	918	74	7732
<i>Anchoa hepsetus</i>	Striped anchovy	63	0	0	0	63	0	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	5364	3098	672	597	9731	147	65	22	51	4	289
<i>Synodus foetens</i>	Inshore lizardfish	34	0	0	0	34	0	0	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	214	288	46	20	568	16	0	0	4	20	40
<i>Rissola marginata</i>	Striped cuskeel	4144	6375	3012	1199	14730	603	296	60	124	72	1155
<i>Urophycis chuss</i>	Red hake	0	0	0	25	25	0	14	12	8	14	48
<i>Cyprinodon variegatus</i>	Sheepshead minnow	75	81	80	67	303	25	31	5	58	2	121
<i>Fundulus heteroclitus</i>	Mummichog	118	47	25	14	204	12	26	49	22	0	109
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0	0	0	0	0	0	0	0	0
<i>Membras martinica</i>	Rough silverside	0	7	0	0	7	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	714	5384	3088	2116	11302	1994	1011	1037	724	152	4918
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	5	4	9	0	6	11	16	22	55
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0	0	0	0	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	883	2007	473	280	3643	149	90	125	62	35	461
<i>Centropristis striata</i>	Black sea bass	1196	5537	2336	760	9829	372	20	17	6	2	417
<i>Morone americana</i>	White perch	6	45	4	7	62	25	20	22	26	15	108
<i>Lepomis gibbosus</i>	Pumpkinseed	0	0	0	0	0	0	0	0	0	0	0

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	November					December				
		1	2	3	4	Monthly	1	2	3	4	Monthly
		Week	Week	Week	Week	Week	Week	Week	Week	Week	Week
		dates	dates	dates	dates	Total	dates	dates	dates	dates	Total
Year		1976	1976	1976	1976		1976	1976	1976	1976	
<i>Pomatomus saltatrix</i>	Bluefish	192	228	0	2	422	2	0	0	0	2
<i>Caranx hippos</i>	Creville jack	7	0	0	0	7	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup	60	875	101	101	1137	11	0	0	0	11
<i>Bairdiella chrysura</i>	Silver perch	854	370	125	36	1385	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	968	290	28	25	1311	2	0	0	0	2
<i>Leiostomus xanthurus</i>	Spot	16004	12280	2481	2471	33236	927	343	142	702	2114
<i>Microgobius undulatus</i>	Atlantic croaker	0	8	11	5	24	0	0	14	0	13
<i>Tautoga onitis</i>	Tautog	231	596	300	147	1274	131	150	89	33	412
<i>Mugil curema</i>	White mullet	15	17	7	4	43	0	0	0	7	7
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0	0	0	0	4	0	4
<i>Gobiosoma boscii</i>	Naked goby	0	0	6	6	12	0	0	7	11	18
<i>Astroscopus guttatus</i>	Northern stargazer	219	131	11	16	377	7	4	0	6	17
<i>Hypsoblennius hentzi</i>	Feather blenny	1084	1848	166	50	3148	11	39	28	47	239
<i>Parprilus tricanthus</i>	Butterfish	44	123	27	33	227	107	4	0	3	114
<i>Prionotus carolinus</i>	Northern searobin	20	153	51	28	252	4	4	0	0	8
<i>Prionotus evolans</i>	Striped searobin	513	959	287	200	1959	76	9	7	7	99
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0	4	4	0	0	12	0	12
<i>Etropus microstomus</i>	Smallmouth flounder	8919	25507	11791	10891	57108	5203	1951	678	303	8205
<i>Paralichthys dentatus</i>	Summer flounder	61	36	41	7	145	8	9	0	3	20
<i>Scophthalmus aquosus</i>	Windowpane	59	99	57	64	279	29	13	23	10	77
<i>Pseudopleuronectes americanus</i>	Winter flounder	87	336	201	1429	2053	591	1697	6014	1199	11529
<i>Trinectes maculatus</i>	Hogchoker	47	28	8	9	92	4	0	0	0	4
<i>Sphoeroides maculatus</i>	Northern puffer	28	0	0	0	28	0	0	0	0	0
Total Given (including all impinged organisms, not just those for listed species)		50490	103375	30205	24810	208880	13294	18900	19542	8571	63556
Total Calculated (using "Total Given")		50405	103148	30068	24738	208359	13233	18858	19505	8523	63443
% represented by 100+											
(Total Calculated/Total Given x 100)		99.83	99.78	99.55	99.71	99.75	99.54	99.78	99.81	99.44	99.82

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	November					December					
	Week	1	2	3	4	Monthly	1	2	3	4	5	Monthly
	dates	31-6	7-13	14-20	21-27	Total	28-4	5-11	12-18	19-25	26-1	Total
	Year	1976	1976	1976	1976		1976	1976	1976	1976	1976	
<i>Lolliguncula brevis</i>	brief squid	0	0	0	0	0	0	0	0	0	0	0
<i>Aequorea</i> spp.	a hydromedusa	4	21	29	27	81	0	0	0	0	0	0
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0	0	0	0	0	0
Polychaeta (class)	bristle worms	6	153	212	48	419	38	6	94	45	9	192
<i>Squilla empusa</i>	mantis shrimp	291	36	9	9	345	0	0	7	0	0	7
<i>Panaeus aztecus</i>	brown shrimp	131	13	0	0	144	0	0	7	0	0	7
<i>Palaemonetes vulgaris</i>	grass shrimp	304	1164	1607	807	3882	767	596	4014	1318	182	6877
<i>Crangon septemspinosa</i>	Sand shrimp	273	3233	8719	97742	109967	65613	82304	87133	42251	31876	309177
<i>Ovalipes ocellatus</i>	lady crab	559	690	81	26	1356	48	4	0	0	2	54
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0	0	0	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	956	196	31	43	1226	9	12	9	0	5	35
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	0	0	0
Nemertea (phylum)	ribbon worms	6	68	65	50	189	21	18	7	45	0	91
Total Given (including all impinged organisms, not just those for listed species)		2575	5606	10893	98866	117940	69512	83043	91338	43672	32074	319639
Total Calculated (using "Total Given")		2530	5574	10753	98752	117609	66496	82940	91271	43659	32074	316440
% represented by 100+ (Total Calculated/Total Given x 100)		98.25	99.43	98.71	99.88	99.72	95.66	99.88	99.93	99.97	100.00	99.00
Grand Total given		53065	108981	41098	123676	326820	82806	101943	110880	52243	35323	383195
Grand Total calculated		52935	108722	40821	123490	325968	79729	101798	110776	52182	35398	379883
% represented by 100+		99.76	99.76	99.33	99.85	99.74	96.28	99.86	99.91	99.88	100.21	99.14

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	January					February				
	Week	1	2	3	4	Monthly	1	2	3	4	Monthly
	dates	2-8	9-15	16-22	23-29	Total	30-5	6-12	13-19	20-26	Total
	Year	1977	1977	1977	1977		1977	1977	1977	1977	
<i>Anguilla rostrata</i>	American eel	0	9	2	7	18	22	0	0	17	39
<i>Alosa aestivalis</i>	Blueback herring	2	14	22	30	68	2	43	40	173	258
<i>Alosa pseudoharengus</i>	Aelwife	0	3	0	2	5	6	0	0	9	15
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	85	0	2	87	4	14	18	398	434
<i>Anchoa hepsetus</i>	Striped anchovy	0	0	0	0	0	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	7	14	0	0	21	0	0	0	0	0
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0	0	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	0	0	0	0	0	7	4	6	4	21
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0	0	0	0	0	0	0
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0	0	0	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0	0	0	4	0	0	4
<i>Fundulus heteroclitus</i>	Mummichog	7	24	0	4	35	0	14	23	12	49
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0	0	0	0	0	0	0	0
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0	0	4	0	0	4
<i>Menidia menidia</i>	Atlantic silverside	5	66	55	42	168	34	9	26	167	236
<i>Apeltes quadracus</i>	Fourspine stickleback	12	17	0	0	29	2	0	6	8	16
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0	0	0	0	42	25	67
<i>Syngnathus fuscus</i>	Northern pipefish	2	2	0	2	6	0	0	0	0	0
<i>Centropristis striata</i>	Black sea bass	0	0	0	0	0	0	0	0	0	0
<i>Morone americana</i>	White perch	5	6	17	8	36	16	11	23	21	71
<i>Lepomis gibbosus</i>	Pumpkinseed	0	0	0	0	0	0	0	0	0	0



Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	January					February				
	Week	1	2	3	4	Monthly	1	2	3	4	Monthly
	dates	2-8	9-15	16-22	23-29	Total	30-5	6-12	13-19	20-26	Total
	Year	1977	1977	1977	1977		1977	1977	1977	1977	
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0	0	0	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	0	0	0
<i>Leiostomus xanthurus</i>	Spot	10	0	0	0	10	0	0	16	8	24
<i>Micropogon undulatus</i>	Atlantic croaker	0	4	0	0	4	0	0	0	0	0
<i>Tautoga onitis</i>	Tautog	6	7	0	0	13	0	0	0	0	0
<i>Mugil curema</i>	White mullet	0	3	0	0	3	0	7	0	0	7
<i>Ammodytes</i> sp.	Sand lance	0	30	2	0	32	0	0	4	0	4
<i>Gobiosoma boscii</i>	Naked goby	2	56	4	0	62	0	0	4	0	4
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	18	17	20	4	59	0	0	0	0	0
<i>Perprilus tricanthus</i>	Butterfish	0	0	0	0	0	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0	0	0	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0	0	0	0	0	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	2	0	0	0	2	2	6	0	2	10
<i>Etropus microstomus</i>	Smallmouth flounder	10	0	0	0	10	0	0	0	2	2
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	0	0	0	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0	0	2	0	2	0	0	0	4	4
<i>Pseudopleuronectes americanus</i>	Winter flounder	264	1825	270	132	2491	419	160	225	858	1662
<i>Trinectes maculatus</i>	Hogchoker	0	0	0	0	0	0	0	0	0	0
<i>Sphaeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	0	0	0
Total Given (including all impinged organisms, not just those for listed species)		359	2214	425	254	3252	513	288	432	1721	2954
Total Calculated (using "Total Given")		352	2182	394	233	3161	514	276	433	1708	2931
% represented by 100+											
(Total Calculated/Total Given x 100)		98.05	98.55	92.71	91.73	97.20	100.19	95.83	100.23	99.24	99.22

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

		January					February				
Month		1	2	3	4	Monthly	1	2	3	4	Monthly
Week											
dates		2-8	9-15	16-22	23-29	Total	30-5	6-12	13-19	20-26	Total
Year		1977	1977	1977	1977		1977	1977	1977	1977	
<i>Lolliguncula brevis</i>	brief squid	0	0	0	0	0	0	0	0	0	0
<i>Aequorea</i> spp.	a hydromedusa	0	0	0	0	0	0	0	0	0	0
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0	0	0	0	0
Polychaeta (class)	bristle worms	12	83	22	0	117	12	12	56	901	981
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0	0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	238	1277	355	271	2141	661	191	258	120	1230
<i>Crangon septemspinosa</i>	Sand shrimp	7606	34074	7398	3275	52353	1345	1943	6369	8130	17787
<i>Ovalipes ocellatus</i>	lady crab	0	4	0	0	4	0	0	2	0	2
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0	0	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	0	2	7	0	9	4	4	4	7	19
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	0	0
Nemertea (phylum)	ribbon worms	0	0	0	0	0	0	2	0	2	4
Total Given (including all impinged organisms, not just those for listed species)		7856	35440	7782	3546	54624	2022	2152	6719	9167	20060
Total Calculated (using "Total Given")		7856	35440	7782	3546	54624	2022	2152	6689	9160	20023
% represented by 100+ (Total Calculated/Total Given x 100)		100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.55	99.92	99.82
Grand Total given		8215	37654	8207	3800	57876	2535	2440	7151	10888	23014
Grand Total calculated		8208	37622	8176	3779	57785	2536	2428	7122	10868	22954
% represented by 100+		99.91	99.92	99.62	99.45	99.84	100.04	99.51	99.59	99.82	99.74

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	March						April				
	Week	1	2	3	4	5	Monthly	1	2	3	4	Monthly
	dates	27-5	6-12	13-19	20-26	27-2	Total	3-9	10-6	17-23	24-30	Total
	Year	1977	1977	1977	1977	1977		1977	1977	1977	1977	
<i>Anguilla rostrata</i>	American eel	0	0	0	0	0	0	0	0	0	0	0
<i>Alosa aestivalis</i>	Blueback herring	486	128	136	1204	183	2137	984	456	104	62	1606
<i>Alosa pseudoharengus</i>	Aelwife	36	43	118	1296	184	1677	545	292	96	59	992
<i>Alosa sapidissima</i>	American shad											
<i>Brevoortia tyrannus</i>	Atlantic menhaden	413	382	33	1038	40	1906	45	123	21	210	399
<i>Anchoa hepsetus</i>	Striped anchovy	0	0	0	0	0	0	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	0	0	0	0	0	0	2207	20730	11783	537	35257
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0	0					0
<i>Opsanus tau</i>	Oyster toadfish	2	0	0	0	4	6	0	16	12	55	83
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0	0	0	0	0	0	0	0
<i>Urophycis chuss</i>	Red hake											
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0	0	0	0	0	0	0	0
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0	0	0	0	0	0	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0	0	0	0	0	0	0	0	0
<i>Membras martinica</i>	Rough silverside											
<i>Menidia menidia</i>	Atlantic silverside	557	362	3126	4027	2196	10268	5420	1536	313	111	7380
<i>Apeltes quadracus</i>	Fourspine stickleback											
<i>Gasterosteus aculeatus</i>	Threespine stickleback											
<i>Syngnathus fuscus</i>	Northern pipefish	0	0	6	127	179	312	480	369	1137	731	2717
<i>Centropristis striata</i>	Black sea bass	0	0	0	0	0	0	0	0	0	0	0
<i>Morone americana</i>	White perch	359	88	83	129	49	708	244	54	19	4	321
<i>Lepomis gibbosus</i>	Pumpkinseed	0	0	4	4	283	291	4	93	85	23	205

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

		Month		March					April				
Week		1	2	3	4	5	Monthly	1	2	3	4	Monthly	
dates		27-5	6-12	13-19	20-26	27-2	Total	3-9	10-6	17-23	24-30	Total	
Year		1977	1977	1977	1977	1977		1977	1977	1977	1977		
Pomatomus saltatrix	Bluefish	0	0	0	0	0	0	0	0	0	0	0	
Caranx hippos	Crevalle jack	0	0	0	0	0	0	0	0	0	0	0	
Selene vomer	Lookdown	0	0	0	0	0	0	0	0	0	0	0	
Stenotomus chrysops	Scup	0	0	0	0	0	0	0	0	0	0	0	
Bairdiella chrysura	Silver perch	0	0	0	0	0	0	0	0	0	0	0	
Cynoscion regalis	Weakfish	0	0	0	0	0	0	0	0	0	0	0	
Leiostomus xanthurus	Spot	19	10	6	15	0	50	10	17	0	0	27	
Micropogon undulatus	Atlantic croaker												
Tautoga onitis	Tautog	0	0	0	0	0	0	0	0	0	0	0	
Mugil curema	White mullet												
Ammodytes sp.	Sand lance												
Gobiosoma boscii	Naked goby												
Astroscopus guttatus	Northern stargazer	0	0	0	0	0	0	0	0	0	0	0	
Hypsoblennius hentzi	Feather blenny	0	0	0	0	0	0	0	0	0	0	0	
Perprilus tricanthus	Butterfish	0	0	0	0	0	0	0	0	0	0	0	
Prionotus carolinus	Northern searobin	0	0	0	0	0	0	0	0	0	0	0	
Prionotus evolans	Striped searobin	0	0	0	0	0	0	0	0	0	0	0	
Myoxocephalus aeneus	Grubby												
Etropus microstomus	Smallmouth flounder	0	0	0	0	0	0	0	0	0	0	0	
Paralichthys dentatus	Summer flounder	0	0	0	0	0	0	60	31	13	2	106	
Scophthalmus aquosus	Windowpane	3	7	20	72	21	123	63	49	56	7	175	
Pseudopleuronectes americanus	Winter flounder	191	118	82	1281	118	1790	383	118	125	46	672	
Trinectes maculatus	Hogchoker	0	0	0	0	0	0	0	0	0	0	0	
Sphoeroides maculatus	Northern puffer	0	0	0	0	0	0	0	0	0	7	7	
Total Given (including all impinged organisms, not just those for listed species)		2227	1215	3712	9324	3365	19843	10540	23974	13837	1906	50257	
Total Calculated (using "Total Given")		2066	1138	3614	9193	3257	19268	10445	23884	13764	1854	49947	
% represented by 100+													
(Total Calculated/Total Given x 100)		92.77	93.66	97.36	98.60	96.79	97.10	99.10	99.62	99.47	97.27	99.38	

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish (Dec. 1998))

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

		March						April					
Month		1	2	3	4	5	Monthly	1	2	3	4	Monthly	
Week													
dates		27-5	6-12	13-19	20-26	27-2	Total	3-9	10-6	17-23	24-30	Total	
Year		1977	1977	1977	1977	1977		1977	1977	1977	1977		
<i>Lolliguncula brevis</i>	brief squid	0	0	0	0	0	0	0	0	0	0	0	0
<i>Aequorea</i> spp.	a hydromedusa												
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0	0	0	0	0	0	0
Polychaeta (class)	bristle worms	77	26	9	10	20	142	12	136	9	10	167	
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0	0	0	0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	669	1795	1209	2443	2684	8800	1230	1271	1725	238	4464	
<i>Crangon septemspinosa</i>	Sand shrimp	4708	5000	5098	71166	8846	94818	14751	15156	35261	3708	68876	
<i>Ovalipes ocellatus</i>	lady crab	5	4	32	8	40	89	82	25	42	18	167	
<i>Portunus gibbesi</i>	a portunid crab												
<i>Callinectes sapidus</i>	Blue crab	9	27	92	5	504	637	181	2030	1805	977	4993	
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea (phylum)	ribbon worms	0	0	0	0	0	0	0	0	0	0	0	0
Total Given (including all impinged organisms, not just those for listed species)		5508	6899	6483	73707	12149	104746	16368	18670	38898	4962	78898	
Total Calculated (using "Total Given")		5468	6852	6440	73632	12094	104486	16256	18618	38842	4951	78667	
% represented by 100+													
(Total Calculated/Total Given x 100)		99.27	99.32	99.34	99.90	99.55	99.75	99.32	99.72	99.86	99.78	99.71	
Grand Total given		7735	8114	10195	83031	15514	124589	26908	42644	52735	6868	129155	
Grand Total calculated		7534	7990	10054	82825	15351	123754	26701	42502	52606	6805	128614	
% represented by 100+		97.40	98.47	98.62	99.75	98.95	99.33	99.23	99.67	99.76	99.08	99.58	



Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	May			July			August				
		1	2	Monthly	3	4	Monthly	1	2	3	4	5
		dates	1-7	8-14	17-23	24-30	Total	31-6	7-13	14-20	21-27	28-3
		Year	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977
<i>Anguilla rostrata</i>	American eel	0	0	0	0	0	0	0	0	0	0	0
<i>Alosa aestivalis</i>	Blueback herring	23	33	56	4	370	374	67	25	72	41	18
<i>Alosa pseudoharengus</i>	Aelwife	37	64	101	7	75	82	44	34	12	16	6
<i>Alosa sapidissima</i>	American shad											
<i>Brevoortia tyrannus</i>	Atlantic menhaden	7	0	7	0	1062	1062	1376	751	485	323	243
<i>Anchoa hepsetus</i>	Striped anchovy	0	0	0	0	0	0	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	185	138	323	21	3596	3617	3140	3604	4320	3604	1713
<i>Synodus foetens</i>	Inshore lizardfish			0			0					0
<i>Opsanus tau</i>	Oyster toadfish	32	39	71	8	50	58	76	137	110	52	56
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0	0	0	0	0	0	0	0
<i>Urophycis chuss</i>	Red hake											
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0	0	0	0	0	0	0	0
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0	0	0	0	0	0	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0	4	317	321	485	117	47	9	5
<i>Membras martinica</i>	Rough silverside											
<i>Menidia menidia</i>	Atlantic silverside	18	5	23	0	64	64	215	61	25	15	12
<i>Apettes quadricus</i>	Fourspine stickleback											
<i>Gasterosteus aculeatus</i>	Threespine stickleback											
<i>Syngnathus fuscus</i>	Northern pipefish	745	342	1087	187	215	402	77	132	139	69	76
<i>Centropomus striata</i>	Black sea bass	0	0	0	0	0	0	0	0	0	0	0
<i>Morone americana</i>	White perch	0	0	0	0	15	15	7	9	3	0	0
<i>Lepomis gibbosus</i>	Pumpkinseed	0	0	0	0	0	0	0	0	0	0	0

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	May			July			August					
	Week	1	2	Monthly	3	4	Monthly	1	2	3	4	5	Monthly
	dates	1-7	8-14	Total	17-23	24-30	Total	31-6	7-13	14-20	21-27	28-3	Total
	Year	1977	1977		1977	1977		1977	1977	1977	1977	1977	
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	455	455	429	106	82	78	26	721
<i>Caranx hippos</i>	Crevalle jack	0	0	0	0	64	64	34	0	99	190	25	348
<i>Selene vomer</i>	Lookdown	0	0	0	0	258	258	217	54	826	366	329	1792
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	39	39	35	130	1110	3621	1104	6000
<i>Leiostomus xanthurus</i>	Spot	0	0	0	5	432	437	2323	795	670	812	531	5131
<i>Micropogon undulatus</i>	Atlantic croaker												
<i>Tautoga onitis</i>	Tautog	0	0	0	0	0	0	0	0	0	0	0	0
<i>Mugil curema</i>	White mullet												
<i>Ammodytes</i> sp.	Sand lance												
<i>Gobiosoma boscii</i>	Naked goby												
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0	0	0	0	0	0	0	0	0	0
<i>Perprilus tricanthus</i>	Butterfish	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0	0	0	0	0	0	0	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby												
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	71	71	95	159	54	43	7	358
<i>Scophthalmus aquosus</i>	Windowpane	23	12	35	32	12	44	0	8	0	0	0	8
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0	292	0	292	0	15	0	4	0	19
<i>Trinectes maculatus</i>	Hogchoker	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sphaeroides maculatus</i>	Northern puffer	0	3	3	4	92	96	23	119	49	30	0	221
Total Given (including all impinged organisms, not just those for listed species)		1092	660	1752	573	7230	7803	8735	6372	8235	9462	4229	37033
Total Calculated (using "Total Given")		1070	636	1706	564	7187	7751	8643	6256	8103	9273	4151	36426
% represented by 100+													
(Total Calculated/Total Given x 100)		97.99	96.36	97.37	98.43	99.41	99.33	98.95	98.18	98.40	98.00	98.16	98.36

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1976 to Sept. 1977\*\*  
(Table 23 in Ecological Studies for the OCGS: Progress Report for Sept. 1976-Aug. 1977, Vol. 1: Fin- and Shell-fish [Dec. 1998])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	May			July			August					
	Week	1	2	Monthly	3	4	Monthly	1	2	3	4	5	Monthly
	dates	1-7	8-14	Total	17-23	24-30	Total	31-6	7-13	14-20	21-27	28-3	Total
	Year	1977	1977		1977	1977		1977	1977	1977	1977	1977	
<i>Lolliguncula brevis</i>	brief squid	0	0	0	0	0	0	0	0	0	0	0	0
<i>Aequorea</i> spp.	a hydromedusa												
<i>Cyanea capillata</i>	Lion's mane jellyfish	466	1087	1553	0	0	0	0	0	0	0	0	0
Polychaeta (class)	bristle worms	2	0	2	0	4	4	0	0	2	7	0	9
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0	0	0	0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	110	204	314	14	44	58	15	7	34	58	7	121
<i>Crangon septemspinosa</i>	Sand shrimp	997	756	1753	0	0	0	0	0	0	0	7	7
<i>Ovalipes ocellatus</i>	lady crab	17	12	29	43	67	110	22	10	10	16	13	71
<i>Portunus gibbesi</i>	a portunid crab												
<i>Callinectes sapidus</i>	Blue crab	662	549	1211	3672	7373	11045	16604	14955	14350	7582	4633	58124
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	95	95	552	437	202	96	108	1395
Nemertea (phylum)	ribbon worms	0	0	0	0	0	0	0	0	0	0	0	0
Total Given (Including all impinged organisms, not just those for listed species)		2267	2625	4892	3768	7594	11362	17215	15413	14625	7776	4783	59812
Total Calculated (using "Total Given")		2254	2608	4862	3729	7583	11312	17193	15409	14598	7759	4768	59727
% represented by 100+ (Total Calculated/Total Given x 100)		99.43	99.35	99.39	98.96	99.86	99.56	99.87	99.97	99.82	99.78	99.69	99.86
Grand Total given		3356	3285	6641	4341	14824	19165	25950	21785	22860	17238	9012	96845
Grand Total calculated		3324	3244	6568	4293	14770	19063	25836	21665	22701	17032	8919	96153
% represented by 100+		99.05	98.75	98.90	98.89	99.64	99.47	99.56	99.45	99.30	98.80	98.97	99.29

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	September				Monthly Total
	Week	1	2	3	4	
	dates	5-11	12-18	19-25	26-2	
	Year	1976	1976	1976	1976	
<i>Anguilla rostrata</i>	American eel	4.165	0	0.882	2.868	7.915
<i>Alosa aestivalis</i>	Blueback herring	0	0.014	0.075	0.021	0.11
<i>Alosa pseudoharengus</i>	Aelwife	0	0.03	0	0	0.03
<i>Alosa sapidissima</i>	American shad	0.966	0	0	0	0.966
<i>Brevoortia tyrannus</i>	Atlantic menhaden	13.073	16.966	24.33	28.886	83.255
<i>Anchoa hepsetus</i>	Striped anchovy	0.183	0.228	0.143	0.217	0.771
<i>Anchoa mitchilli</i>	Bay anchovy	3.48	14.836	10.163	61.298	89.777
<i>Synodus foetens</i>	Inshore lizardfish	0	1.886	6.199	31.655	39.74
<i>Opsanus tau</i>	Oyster toadfish	6.686	3.598	4.586	5.311	20.181
<i>Rissola marginata</i>	Striped cuskeel	0.06	0.172	0.377	1.179	1.788
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0	0
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0	0	0
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	0.007	0	0.012	0.105	0.124
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	0.044	0.126	0.029	0.04	0.239
<i>Centropristis striata</i>	Black sea bass	0	0.012	0.009	0.119	0.14
<i>Morone americana</i>	White perch	0	0	1.846	2.175	4.021
<i>Lepomis gibbosus</i>	Pumpkinseed	0	0	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	12.717	5.602	3.037	2.491	23.847
<i>Caranx hippos</i>	Crevalle jack	0.187	0.021	0.27	1.5	1.978

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	September				
		1	2	3	4	Monthly
		5-11	12-18	19-25	26-2	Total
		1976	1976	1976	1976	
<i>Selene vomer</i>	Lookdown	0.148	0.083	2.269	4.133	6.633
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0.063	0.13	0.028	0.291	0.512
<i>Cynoscion regalis</i>	Weakfish	9.515	9.299	4.345	18.334	41.493
<i>Leiostomus xanthurus</i>	Spot	3.95	4.831	2.389	4.731	15.901
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0	0	0
<i>Tautoga onitis</i>	Tautog	0	0	0.896	0	0.896
<i>Mugil curema</i>	White mullet	0.126	0.411	0.128	0.488	1.153
<i>Ammodytes</i> , sp.	Sand lance	0	0	0	0	0
<i>Gobiosoma bosc</i>	Naked goby	0	0.007	0	0	0.007
<i>Astroscoptes guttatus</i>	Northern stargazer	0	0.047	0	0	0.047
<i>Hypsoblennius hentzi</i>	Feather blenny	0.182	0	0.075	0.072	0.329
<i>Perprilus tricanthus</i>	Butterfish	0.176	0.049	0.364	0.406	0.995
<i>Prionotus carolinus</i>	Northern searobin	0.612	0.681	0.66	1.395	3.348
<i>Prionotus evolans</i>	Striped searobin	2.622	21.535	18.918	141.096	184.171
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder	0	0.012	0	0.135	0.147
<i>Paralichthys dentatus</i>	Summer flounder	19.245	15.78	10.84	52.699	98.564
<i>Scophthalmus aquosus</i>	Windowpane	0	0.023	0.375	5.117	5.515
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0.501	0.026	0.527
<i>Trinectes maculatus</i>	Hogchoker	0.347	1.045	1.653	3.036	6.081
<i>Sphoeroides maculatus</i>	Northern puffer	3.118	0.497	0.686	141.089	145.39
Total Given (including all organisms impinged, not just those listed)		97.463	104.466	98.507	520.124	820.56
Total Calculated (using Total Given)		81.672	97.921	96.085	510.913	786.591
% represented by 100+ (Total Calculated/Total Given x 100)		83.80	93.73	97.54	98.23	95.86

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

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		September				
Month						Monthly
Week		1	2	3	4	Total
dates		5-11	12-18	19-25	26-2	
Year		1976	1976	1976	1976	
<i>Lolliguncula brevis</i>	brief squid	7.512	4.758	2.656	1.438	16.364
<i>Aequorea</i> spp.	a hydromedusa	0	0	4.622	0	4.622
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0
Polychaeta (class)	bristle worms	0	0	0.004	0.003	0.007
<i>Squilla empusa</i>	mantis shrimp	0	0.023	0.28	0.077	0.38
<i>Panaeus aztecus</i>	brown shrimp	0.042	0.487	0.812	13.536	14.877
<i>Palaemonetes vulgaris</i>	grass shrimp	0.002	0	0.002	0.081	0.085
<i>Crangon septemspinosa</i>	Sand shrimp	0	0.006	0.007	0.009	0.022
<i>Ovalipes ocellatus</i>	lady crab	0.287	0.353	0.714	2.276	3.63
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0.007	0.007
<i>Callinectes sapidus</i>	Blue crab	833.467	1120.974	994.499	761.709	3710.649
<i>Callinectes similis</i>	Lesser blue crab	0.014	1.088	0.446	1.445	2.993
Nemertea (phylum)	ribbon worms	0	0	0	0	0
Total Given (including all organisms impinged, not just those listed)		841.443	1127.826	1007.425	781.644	3758.338
Total Calculated (using Total Given)		841.324	1127.689	1004.042	780.581	3753.636
% represented by 100+ (Total Calculated/Total Given x 100)		99.99	99.99	99.66	99.86	99.87
Grand Total given		938.906	1232.292	1105.932	1301.768	4578.898
Grand Total calculated		922.996	1225.61	1100.127	1291.494	4540.227
% represented by 100+		98.31	99.46	99.48	99.21	99.16



Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

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\*\* OCGS did not operate from 14 May to 11 July 1977

		October					November				
Month		1	2	3	4	Monthly	1	2	3	4	Monthly
Week		1	2	3	4		1	2	3	4	
dates		3-9	10-16	17-23	24-30	Total	31-6	7-13	14-20	21-27	Total
Year		1976	1976	1976	1976		1976	1976	1976	1976	
<i>Anguilla rostrata</i>	American eel	0.609	0	1.211	3.943	5.763	1.022	2.556	14.655	10.487	28.72
<i>Alosa aestivalis</i>	Blueback herring	0.292	0.168	1.065	0.858	2.383	0.827	1.762	0.392	1.175	4.156
<i>Alosa pseudoharengus</i>	Aelwife	0.268	3.107	2.434	2.522	8.331	2.129	1.681	0.453	0.76	5.023
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0	0	0	0	0.103	0.103
<i>Brevoortia tyrannus</i>	Atlantic menhaden	41.666	75.607	501.165	1067.482	1685.92	344.79	1354.62	238.089	179.639	2117.138
<i>Anchoa hepsetus</i>	Striped anchovy	0	0.126	0.629	0.255	1.01	0.373	0	0	0	0.373
<i>Anchoa mitchilli</i>	Bay anchovy	17.318	28.654	95.417	24.07	165.459	16.498	9.378	2.101	2.021	29.998
<i>Synodus foetens</i>	Inshore lizardfish	12.543	8.099	9.472	4.427	34.541	2.107	0	0	0	2.107
<i>Opsanus tau</i>	Oyster toadfish	6.556	21.203	61.689	37.7	127.148	32.351	18.045	6.739	1.15	58.285
<i>Rissola marginata</i>	Striped cuskeel	2.302	2.747	153.726	241.403	400.178	95.137	150.929	75.898	26.197	348.161
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0	0	0	0.009	0.1	0.109
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0.037	0.09	0.127	0.15	0.14	0.146	0.131	0.567
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0.015	0.109	0.124	0.364	0.197	0.098	0.084	0.743
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0	0	0	0	0	0	0	0
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	0.076	0.464	1.54	2.33	4.41	3.525	25.486	15.444	10.449	54.904
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0	0	0	0	0.005	0.004	0.009
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0	0	0	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	0.1	0.198	2.596	1.28	4.174	1.868	4.165	0.866	0.594	7.493
<i>Centropristis striata</i>	Black sea bass	1.97	8.476	34.144	32.214	76.804	13.028	48.784	18.037	8.367	88.216
<i>Morone americana</i>	White perch	0	1.288	3.277	3.882	8.447	1.308	3.932	1.298	1.924	8.462
<i>Lepomis gibbosus</i>	Pumpkinseed	0	0	0	0	0	0	0	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	3.271	7.154	14.65	81.323	106.398	8.337	14.837	0	0.089	23.263
<i>Caranx hippos</i>	Crevalle jack	1.432	8.571	159.465	0.285	169.753	0.189	0	0	0	0.189

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

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\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	October					November				
		1	2	3	4	Monthly	1	2	3	4	Monthly
		Week									
		dates	10-16	17-23	24-30	Total	31-6	7-13	14-20	21-27	Total
		Year	1976	1976	1976	1976	1976	1976	1976	1976	1976
<i>Selene vomer</i>	Lookdown	0.768	15.69	20.02	0.46	36.938	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup	0	0.083	0.536	7.321	7.94	6.257	119.788	9.502	10.377	145.924
<i>Bairdiella chrysura</i>	Silver perch	0.102	1.436	5.383	4.657	11.578	4.688	1.747	0.379	0.12	6.934
<i>Cynoscion regalis</i>	Weakfish	48.931	116.168	246.081	51.925	463.105	55.135	8.155	0.27	0.327	63.887
<i>Leiostomus xanthurus</i>	Spot	7.196	36.283	249.3	461.724	754.503	468.965	534.316	173.31	151.067	1327.658
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0	0.042	0.042	0	0.011	0.035	0.007	0.053
<i>Tautoga onitis</i>	Tautog	0	0	1.285	6.396	7.681	7.409	14.32	37.398	18.668	77.795
<i>Mugil curema</i>	White mullet	0.165	0.328	1.402	1.717	3.612	0.893	0.234	0.335	0.028	1.49
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0	0	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	0	0	0.008	0	0.008	0	0	0.006	0.006	0.012
<i>Astroscopus guttatus</i>	Northern stargazer	0	0.063	9.815	8.877	18.755	35.527	3.313	0.421	0.672	39.933
<i>Hypsoblennius hentzi</i>	Feather blenny	0.028	0.098	3.34	9.718	13.184	8.015	9.285	0.758	0.258	18.316
<i>Perprilus tricanthus</i>	Butterfish	0.042	1.903	19.725	4.445	26.115	1.874	5.781	2.078	1.304	11.037
<i>Prionotus carolinus</i>	Northern searobin	1.006	0.614	3.727	1.304	6.651	1.078	3.031	0.992	0.396	5.497
<i>Prionotus evolans</i>	Striped searobin	63.548	122.387	100.013	17.201	303.149	9.102	8.861	2.468	1.825	22.256
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0	0	0	0	0	0	0.107	0.107
<i>Etropus microstomus</i>	Smallmouth flounder	0.052	0.446	4.999	5.772	11.269	55.818	170.386	75.492	66.615	368.311
<i>Paralichthys dentatus</i>	Summer flounder	13.21	166.805	158.5	25.235	363.75	17.441	11.264	15.438	0.836	44.979
<i>Scophthalmus aquosus</i>	Windowpane	0.378	5.724	11.109	7.197	24.408	2.787	7.084	3.096	5.496	18.463
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.7	3.197	10.694	3.046	17.637	4.628	14.832	3.449	50.39	73.299
<i>Trinectes maculatus</i>	Hogchoker	0.599	2.144	5.663	1.37	9.776	3.473	1.922	0.324	0.877	6.596
<i>Sphoeroides maculatus</i>	Northern puffer	11.163	2.892	2.382	2.233	18.67	4.432	0	0	0	4.432
Total Given (including all organisms impinged, not just those listed)		243.432	681.18	1981.77	2141.399	5047.781	1226.77	2558.282	704.597	558.542	5048.191
Total Calculated (using Total Given)		236.291	642.123	1896.514	2124.813	4899.741	1211.525	2550.842	699.981	552.65	5014.998
% represented by 100+											
(Total Calculated/Total Given x 100)		97.07	94.27	95.70	99.23	97.07	98.76	99.71	99.34	98.95	99.34

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

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Month		October					November				
Week		1	2	3	4	Monthly	1	2	3	4	Monthly
dates		3-9	10-16	17-23	24-30	Total	31-6	7-13	14-20	21-27	Total
Year		1976	1976	1976	1976		1976	1976	1976	1976	
<i>Lolliguncula brevis</i>	brief squid	0.379	0.79	0.21	0.084	1.463	0	0	0	0	0
<i>Aequorea</i> spp.	a hydromedusa	0.397	0	0	0	0.397	0.081	0.35	1.007	0.578	2.016
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0	0	0	0	0
Polychaeta (class)	bristle worms	0	0	0.077	0.018	0.095	0.013	0.379	0.653	0.118	1.163
<i>Squilla empusa</i>	mantis shrimp	0.06	0.461	12.135	5.618	18.274	4.524	0.534	0.154	0.198	5.41
<i>Panaeus aztecus</i>	brown shrimp	4.331	7.518	33.955	1.784	47.588	1.329	0.139	0	0	1.468
<i>Palaemonetes vulgaris</i>	grass shrimp	0.035	0.09	1.657	0.049	1.831	0.218	0.75	0.938	0.51	2.416
<i>Crangon septemspinosa</i>	Sand shrimp	0.006	0.064	1.992	0.167	2.229	0.289	3.144	7.932	87.845	99.21
<i>Ovalipes ocellatus</i>	lady crab	3.529	0.934	5.434	6.476	16.373	4.208	4.567	1.264	0.572	10.611
<i>Portunus gibbesi</i>	a portunid crab	0.049	0.084	0.007	0	0.14	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	658.718	425.243	468.992	71.509	1624.462	49.952	10.465	1.87	0.715	63.002
<i>Callinectes similis</i>	Lesser blue crab	0.239	0.107	0.025	0	0.371	0	0	0	0	0
Nemertea (phylum)	ribbon worms	0	0	0	0.206	0.206	0.091	0.385	0.267	0.257	1
Total Given (including all organisms impinged, not just those listed)		670.826	448.329	538.278	98.375	1755.808	78.606	24.757	66.719	109.315	279.397
Total Calculated (using Total Given)		667.743	435.291	524.484	85.911	1713.429	60.705	20.713	14.085	90.793	186.296
% represented by 100+ (Total Calculated/Total Given x 100)		99.54	97.09	97.44	87.33	97.59	77.23	83.67	21.11	83.06	66.68
Grand Total given		913.96	1129.509	2520.048	2239.774	6803.291	1305.376	2583.039	771.316	667.887	5327.618
Grand Total calculated		904.034	1077.414	2420.998	2210.724	6613.17	1272.23	2571.555	714.066	643.443	5201.294
% represented by 100+		98.91	95.39	96.07	98.70	97.21	97.46	99.56	92.58	96.34	97.63

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

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	Month	December					Monthly Total	January				Monthly Total
		1	2	3	4	5		1	2	3	4	
		Week	Week	Week	Week	Week		Week	Week	Week	Week	
		dates	dates	dates	dates	dates		dates	dates	dates	dates	
		Year	Year	Year	Year	Year		Year	Year	Year	Year	
<i>Anguilla rostrata</i>	American eel	46.436	44.223	6.112	16.362	14.174	127.307	0	1.139	0.002	2.569	3.71
<i>Alosa aestivalis</i>	Blueback herring	1.841	49.402	36.657	13.582	1.66	103.142	0.009	0.145	0.064	0.135	0.353
<i>Alosa pseudoharengus</i>	Aelwife	0.281	0.145	0.079	0.342	0.092	0.939	0	0.029	0	0.016	0.045
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0	0	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	105.73	180.482	665.21	236.957	13.645	1202.024	0	3.396	0	0.53	3.926
<i>Anchoa hepsetus</i>	Striped anchovy	0	0	0	0	0	0	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	0.608	0.242	0.72	0.158	0.004	1.732	0.007	0.014	0	0	0.021
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0	0	0	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	1.722	0	0	2.664	0.16	4.546	0	0	0	0	0
<i>Rissola marginata</i>	Striped cuskeel	12.223	5.748	1.135	2.4	1.352	22.858	0	0	0	0	0
<i>Urophycis chuss</i>	Red hake	0	0.098	0.08	0.039	0.567	0.764	0	0	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0.053	0.074	0.007	0.124	0.005	0.263	0	0	0	0	0
<i>Fundulus heteroclitus</i>	Mummichog	0.046	0.085	0.172	0.085	0	0.388	0.014	0.046	0	0.011	0.071
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0	0	0	0	0	0	0	0	0
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	9.711	4.707	4.669	3.279	0.703	23.069	0.016	0.253	0.271	0.167	0.707
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0.006	0.016	0.016	0.022	0.06	0.012	0.017	0	0	0.029
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0	0	0	0	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	0.282	0.182	0.173	0.09	0.056	0.783	0.002	0.002	0	0.002	0.006
<i>Centropomus striata</i>	Black sea bass	4.033	0.238	0.074	0.023	0.023	4.391	0	0	0	0	0
<i>Morone americana</i>	White perch	4.894	8.327	6.215	3.304	4.306	27.046	0.322	1.034	2.587	0.315	4.258
<i>Lepomis gibbosus</i>	Pumpkinseed	0	0	0	0	0	0	0	0	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	0.135	0	0	0	0	0.135	0	0	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0	0	0	0	0	0	0	0	0

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

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CCGS did not operate from 14 May to 11 July 1977												
Month		December					January					
Week		1	2	3	4	5	Monthly	1	2	3	4	Monthly
dates		28-4	5-11	12-18	19-25	26-1	Total	2-8	9-15	16-22	23-29	Total
Year		1976	1976	1976	1976	1976		1977	1977	1977	1977	
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup	1.023	0	0	0	0	1.023	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0.056	0	0	0	0	0.056	0	0	0	0	0
<i>Leiostomus xanthurus</i>	Spot	19.845	6.776	3.227	16.05	0	45.898	0.159	0	0	0	0.159
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0.014	0	0.009	0.023	0	0.004	0	0	0.004
<i>Tautoga onitis</i>	Tautog	20.893	27.388	8.206	4.947	2.144	63.578	0.826	0.056	0	0	0.882
<i>Mugil curema</i>	White mullet	0	0.159	0	0.179	0	0.338	0	0.06	0	0	0.06
<i>Ammodytes</i> sp	Sand lance	0	0	0.011	0	0.028	0.039	0	0	0.007	0	0.007
<i>Gobiosoma boscii</i>	Naked goby	0	0	0.007	0.026	0.029	0.062	0.002	0.084	0.004	0	0.09
<i>Astroscopus guttatus</i>	Northern stargazer	0.238	1.484	0	0.149	0	1.871	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0.055	0.364	0.175	0.43	0.894	1.918	0.1	0.078	0.152	0.049	0.379
<i>Perprilus tricanthus</i>	Butterfish	6.063	0.469	0	0.466	0	6.998	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0.004	0.007	0	0	0	0.011	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0.328	0.488	0.021	0.046	0	0.883	0	0	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0.23	0	0	0.23	0.075	0	0	0	0.075
<i>Etropus microstomus</i>	Smallmouth flounder	27.252	8.437	2.571	1.418	0.262	39.94	0.02	0	0	0	0.02
<i>Paralichthys dentatus</i>	Summer flounder	1.257	6.393	0	0.827	0	8.477	0	0	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	3.351	1.523	3.143	0.681	0.411	9.109	0	0	0.098	0	0.098
<i>Pseudopleuronectes americanus</i>	Winter flounder	36.649	89.537	314.546	168.31	237.143	846.185	15.972	72.992	16.114	9.75	114.828
<i>Trinectes maculatus</i>	Hogchoker	0.13	0	0	0	0	0.13	0	0	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	0	0	0	0
Total Given (including all organisms impinged, not just those listed)		312.597	437.863	1054.46	473.668	278.111	2556.699	17.77	79.501	19.868	14.246	131.385
Total Calculated (using Total Given)		305.139	436.984	1053.45	472.954	277.689	2546.216	17.536	79.349	19.299	13.544	129.728
% represented by 100+ (Total Calculated/Total Given x 100)		97.61	99.80	99.90	99.85	99.85	99.59	98.68	99.81	97.14	95.07	98.74

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
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		December					January					
Month												
Week		1	2	3	4	5	Monthly	1	2	3	4	Monthly
dates		28-4	5-11	12-18	19-25	26-1	Total	2-8	9-15	16-22	23-29	Total
Year		1976	1976	1976	1976	1976		1977	1977	1977	1977	
<i>Lolliguncula brevis</i>	brief squid	0	0	0	0	0	0	0	0	0	0	0
<i>Aequorea</i> spp.	a hydromedusa	0	0	0	0	0	0	0	0	0	0	0
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0	0	0	0	0	0
Polychaeta (class)	bristle worms	0.075	0.009	0.152	0.018	0.011	0.265	0.012	0.081	0.099	0	0.192
<i>Squilla empusa</i>	mantis shrimp	0	0	0.133	0	0	0.133	0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0.49	0	0	0.49	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	0.436	0.554	2.433	0.654	0.124	4.201	0.159	0.611	0.209	0.184	1.163
<i>Crangon septemspinosa</i>	Sand shrimp	72.369	85.981	82.81	32.378	31.098	304.636	7.364	33.292	7.363	3.485	51.504
<i>Ovalipes ocellatus</i>	lady crab	0.198	0.011	0	0	0.014	0.223	0	0.007	0	0	0.007
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0	0	0	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	0.27	0.27	0.026	0	0.028	0.594	0	0.023	0.039	0	0.062
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	0	0	0
Nemertea (phylum)	ribbon worms	0.139	0.025	0.023	0.223	0	0.41	0	0	0	0	0
Total Given (including all organisms impinged, not just those listed)		80.62	103.878	89.578	33.571	31.294	338.941	7.535	34.095	7.71	3.669	53.009
Total Calculated (using Total Given)		73.487	86.85	86.067	33.273	31.275	310.952	7.535	34.014	7.71	3.669	52.928
% represented by 100+ (Total Calculated/Total Given x 100)		91.15	83.61	96.08	99.11	99.94	91.74	100.00	99.76	100.00	100.00	99.85
Grand Total given		393.217	541.741	1144.038	507.239	309.405	2895.64	25.305	113.596	27.578	17.915	184.394
Grand Total calculated		378.626	523.834	1139.517	506.227	308.964	2857.168	25.071	113.363	27.009	17.213	182.656
% represented by 100+		96.29	96.69	99.60	99.80	99.86	98.67	99.08	99.79	97.94	96.08	99.06



Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
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		February					March						
Month	Week	1	2	3	4	Monthly	1	2	3	4	5	Monthly	
	dates	30-5	6-12	13-19	20-26	Total	27-5	6-12	13-19	20-26	27-2	Total	
	Year	1977	1977	1977	1977		1977	1977	1977	1977	1977		
<i>Anguilla rostrata</i>	American eel	2.638	0	0	4.996	7.634	0	0	0	0	0	0	
<i>Alosa aestivalis</i>	Blueback herring	0.012	0.137	0.158	0.852	1.159	2.129	0.88	0.687	17.892	3.442	25.03	
<i>Alosa pseudoharengus</i>	Aelwife	0.127	0	0	0.189	0.316	0.371	0.371	0.931	42.757	4.419	48.849	
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0	0	0	0	0	0	0	
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.056	0.452	1.281	21.644	23.433	26.666	36.557	3.793	123.022	6.473	196.511	
<i>Anchoa hepsetus</i>	Striped anchovy	0	0	0	0	0	0	0	0	0	0	0	
<i>Anchoa mitchilli</i>	Bay anchovy	0	0	0	0	0	0	0	0	0	0	0	
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0	0	0	0	0	0	0	
<i>Opsanus tau</i>	Oyster toadfish	0.28	0.043	0.071	0.035	0.429	0.009	0	0	0	0.252	0.261	
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0	0	0	0	0	0	0	0	
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0	0	0	0	0	0	0	
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0.007	0	0	0.007	0	0	0	0	0	0	
<i>Fundulus heteroclitus</i>	Mummichog	0	0.084	0.088	0.034	0.206	0	0	0	0	0	0	
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0	0	0	0	0	0	0	0	0	
<i>Membras martinica</i>	Rough silverside	0	0.004	0	0	0.004	0	0	0	0	0	0	
<i>Menidia menidia</i>	Atlantic silverside	0.144	0.04	0.137	0.862	1.183	2.826	1.819	17.486	22.54	12.559	57.23	
<i>Apeltes quadracus</i>	Fourspine stickleback	0.002	0	0.006	0.008	0.016	0	0	0	0	0	0	
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0.11	0.075	0.185	0	0	0	0	0	0	
<i>Syngnathus fuscus</i>	Northern pipefish	0	0	0	0	0	0	0	0.022	0.288	0.414	0.724	
<i>Centropomus striata</i>	Black sea bass	0	0	0	0	0	0	0	0	0	0	0	
<i>Morone americana</i>	White perch	4.668	1.411	5.187	5.555	16.821	41.226	9.025	5.549	29.128	9.655	94.583	
<i>Lepomis gibbosus</i>	Pumpkinseed	0	0	0	0	0	0	0	0.007	0.011	0.463	0.481	
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0	0	0	0	
<i>Caranx hippos</i>	Crevalle jack	0	0	0	0	0	0	0	0	0	0	0	

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	February				Monthly	March					Monthly
		1	2	3	4		1	2	3	4	5	
		Week	1	2	3		Week	1	2	3	4	
		dates	30-5	6-12	13-19		dates	27-5	6-12	13-19	20-26	
		Year	1977	1977	1977		1977	1977	1977	1977	1977	
<i>Selene vomer</i>	Lookdown		0	0	0	0	0	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup		0	0	0	0	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch		0	0	0	0.259	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish		0	0	0	0	0	0	0	0	0	0
<i>Leiostomus xanthurus</i>	Spot		0	0	0.31	0.299	0	0	0	0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker		0	0	0	0	0	0	0	0	0	0
<i>Tautoga onitis</i>	Tautog		0	0	0	0	0	0	0	0	0	0
<i>Mugil curema</i>	White mullet		0	0.224	0	0.224	0	0	0	0	0	0
<i>Ammodytes</i> sp.	Sand lance		0	0	0.018	0.018	0	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby		0	0	0.004	0.004	0	0	0	0	0	0
<i>Astroscopus guttatus</i>	Northern stargazer		0	0	0	0	0	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny		0	0	0	0	0	0	0	0	0	0
<i>Parprilus tricanthus</i>	Butterfish		0	0	0	0	0	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin		0	0	0	0	0	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin		0	0	0	0	0	0	0	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby		0.03	0.124	0	0.177	0	0	0	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder		0	0	0	0.012	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder		0	0	0	0	0	0	0	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane		0	0	0	0.154	0.272	0.441	2.081	6.728	0.268	9.79
<i>Pseudopleuronectes americanus</i>	Winter flounder		42.946	28.299	36.958	196.487	304.69	24.542	9.693	6.448	69.989	7.286
<i>Trinectes maculatus</i>	Hogchoker		0	0	0	0	0	0	0	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer		0	0	0	0	0	0	0	0	0	0
Total Given (including all organisms impinged, not just those listed)			50.911	31.001	44.438	231.781	358.131	99.516	62.811	39.4	329.893	47.73
Total Calculated (using Total Given)			50.903	30.825	44.328	231.484	357.54	98.041	58.786	37.004	312.355	45.231
% represented by 100+												
(Total Calculated/Total Given x 100)			99.98	99.43	99.75	99.87	99.83	98.52	93.59	93.92	94.68	94.76

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

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Month		February				March						
Week		1	2	3	4	Monthly	1	2	3	4	5	Monthly
dates		30-5	6-12	13-19	20-26	Total	27-5	6-12	13-19	20-26	27-2	Total
Year		1977	1977	1977	1977		1977	1977	1977	1977	1977	
<i>Lolliguncula brevis</i>	brief squid	0	0	0	0	0	0	0	0	0	0	0
<i>Aequorea</i> spp.	a hydromedusa	0	0	0	0	0	0	0	0	0	0	0
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0	0	0	0	0	0
Polychaeta (class)	bristle worms	0.037	0.014	0.135	3.225	3.411	0.197	0.075	0.021	0.102	0.06	0.455
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0	0	0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	0.466	0.111	0.154	0.092	0.823	0.42	0.923	0.729	1.586	1.56	5.218
<i>Crangon septemspinosa</i>	Sand shrimp	1.425	1.945	6.302	8.923	18.595	5.388	5.084	5.613	7.711	10.342	34.138
<i>Ovalipes ocellatus</i>	lady crab	0	0	0.005	0	0.005	0.026	0.013	0.228	0.035	0.611	0.913
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0	0	0	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	0.004	0.007	0.011	0.182	0.204	0.287	0.369	0.947	0.035	10.71	12.348
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	0	0	0
Nemertea (phylum)	ribbon worms	0	0.005	0	0.007	0.012	0	0	0	0	0	0
Total Given (including all organisms impinged, not just those listed)		1.932	2.082	7.143	12.433	23.59	6.528	6.834	7.831	85.452	23.44	130.085
Total Calculated (using Total Given)		1.932	2.082	6.607	12.429	23.05	6.318	6.464	7.538	9.469	23.283	53.072
% represented by 100+ (Total Calculated/Total Given x 100)		100.00	100.00	92.50	99.97	97.71	96.78	94.59	96.26	11.08	99.33	40.80
Grand Total given		52.843	33.083	51.581	244.214	381.721	106.044	69.645	47.231	415.345	71.17	709.435
Grand Total calculated		52.835	32.907	50.935	243.913	380.59	104.359	65.25	44.542	321.824	68.514	604.489
% represented by 100+		99.98	99.47	98.75	99.88	99.70	98.41	93.69	94.31	77.48	96.27	85.21

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

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	Month	April				Monthly	May		Monthly	July		Monthly
		1	2	3	4		1	2		3	4	
		Week	Week	Week	Week		Week	Week		Week	Week	
		dates	dates	dates	dates		dates	dates		dates	dates	
Year		1977	1977	1977	1977		1977	1977		1977	1977	
<i>Anguilla rostrata</i>	American eel	0	0	0	0	0	0	0	0	0	0	0
<i>Alosa aestivalis</i>	Blueback herring	30.905	15.499	5.447	3.558	55.409	1.935	1.606	3.541	0.046	4.723	4.769
<i>Alosa pseudoharengus</i>	Aelwife	27.279	21.03	8.191	5.364	61.864	2.352	6.513	8.865	0.095	0.82	0.915
<i>Alosa sapidissima</i>	American shad											
<i>Brevoortia tyrannus</i>	Atlantic menhaden	11.206	26.317	4.633	34.969	77.125	2.02	0	2.02	0	8.911	8.911
<i>Anchoa hepsetus</i>	Striped anchovy	0	0	0	0	0	0	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	9.235	74.49	41.296	1.737	126.758	0.646	0.425	1.071	0.055	10.086	10.141
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0	0	0	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	0	0.543	2.786	19.821	23.15	10.53	10.919	21.449	0.564	6.624	7.188
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0	0	0	0	0	0	0	0
<i>Urophycis chuss</i>	Red hake											
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0	0	0	0	0	0	0	0
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0	0	0	0	0	0	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0	0	0	0	0	0	0.004	1.132	1.136
<i>Membras martinica</i>	Rough silverside											
<i>Menidia menidia</i>	Atlantic silverside	31.999	8.027	2.243	0.901	43.17	0.107	0.044	0.151	0	0.159	0.159
<i>Apeltes quadracus</i>	Fourspine stickleback											
<i>Gasterosteus aculeatus</i>	Threespine stickleback											
<i>Syngnathus fuscus</i>	Northern pipefish	0.98	0.827	2.266	1.728	5.801	1.934	1.081	3.015	0.602	0.569	1.171
<i>Centropristis striata</i>	Black sea bass	0	0	0	0	0	0	0	0	0	0	0
<i>Morone americana</i>	White perch	25.312	4.854	1.255	0.382	31.803	0	0	0	0	4.839	4.839
<i>Lepomis gibbosus</i>	Pumpkinseed	0.007	0.369	0.139	0.062	0.577	0	0	0	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0	0	4.865	4.865
<i>Caranx hippos</i>	Crevalle jack	0	0	0	0	0	0	0	0	0	0.117	0.117

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
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	Month	April				Monthly Total	May		Monthly Total	July		Monthly Total
	Week	1	2	3	4		1	2		3	4	
	dates	3-9	10-6	17-23	24-30		1-7	8-14		17-23	24-30	
	Year	1977	1977	1977	1977		1977	1977		1977	1977	
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0	0	0	0.014	0.974	0.988
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	0	0	0.435	0.435
<i>Leiostomus xanthurus</i>	Spot	0	0	0	0	0	0	0	0	0.014	2.518	2.532
<i>Micropogon undulatus</i>	Atlantic croaker											
<i>Tautoga onitis</i>	Tautog	0	0	0	0	0	0	0	0	0	0	0
<i>Mugil curema</i>	White mullet											
<i>Ammodytes</i> sp.	Sand lance											
<i>Gobiosoma boscii</i>	Naked goby											
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0	0	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0	0	0	0	0	0	0	0	0
<i>Perprilus tricanthus</i>	Butterfish	0	0	0	0	0	0	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0	0	0	0	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0	0	0	0	0	0	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby											
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	0	0	0	0	0	1.221	1.221
<i>Scophthalmus aquosus</i>	Windowpane	7.082	3.527	0.971	0.035	11.615	0.234	0.1	0.334	1.329	0.394	1.723
<i>Pseudopleuronectes americanus</i>	Winter flounder	35.126	7.298	13.532	1.668	57.624	0	0	0	1.516	0	1.516
<i>Trinectes maculatus</i>	Hogchoker	0	0	0	0	0	0	0	0	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	0	0.196	0.958	1.154
Total Given (including all organisms impinged, not just those listed)		195.172	174.153	89.424	72.359	531.108	20.506	22.337	42.843	5.571	64.854	70.425
Total Calculated (using Total Given)		179.131	162.781	82.759	70.225	494.896	19.758	20.688	40.446	4.435	49.345	53.78
% represented by 100+ (Total Calculated/Total Given x 100)		91.78	93.47	92.55	97.05	93.18	96.35	92.62	94.41	79.61	76.09	76.36

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
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OCGS did not operate from 14 May to 11 July 1977												
Month		April				May			July			
Week		1	2	3	4	Monthly	1	2	Monthly	3	4	Monthly
dates		3-9	10-6	17-23	24-30	Total	1-7	8-14	Total	17-23	24-30	Total
Year		1977	1977	1977	1977		1977	1977		1977	1977	
<i>Lolliguncula brevis</i>	brief squid	0	0	0	0	0	0	0	0	0	0	0
<i>Aequorea</i> spp.	a hydromedusa											
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	166.307	339.522	505.829	0	0	0
Polychaeta (class)	bristle worms	0.012	0.186	0.009	0.101	0.308	0.002	0	0.002	0	0.004	0.004
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0	0	0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	0.76	1.039	1.003	0.156	2.958	0.079	0.148	0.227	0.014	0.028	0.042
<i>Crangon septemspinosa</i>	Sand shrimp	17.119	18.309	38.995	4.151	78.574	1.042	0.672	1.714	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	0.742	0.08	0.189	0.106	1.117	0.139	0.131	0.27	1.173	1.523	2.696
<i>Portunus gibbesi</i>	a portunid crab											
<i>Callinectes sapidus</i>	Blue crab	2.865	35.143	46.663	22.214	106.885	12.718	18.627	31.345	151.141	504.45	655.591
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	0	0.151	0.151
Nemertea (phylum)	ribbon worms	0	0	0	0	0	0	0	0	0	0	0
Total Given (including all organisms impinged, not just those listed)		21.98	65.564	125.448	78	290.992	379.065	607.623	986.688	156.562	506.491	663.053
Total Calculated (using Total Given)		21.498	54.757	86.859	26.728	189.842	180.287	359.1	539.387	152.328	506.156	658.484
% represented by 100+ (Total Calculated/Total Given x 100)		97.81	83.52	69.24	34.27	65.24	47.56	59.10	54.67	97.30	99.93	99.31
Grand Total given		217.152	239.717	214.872	150.359	822.1	399.571	629.96	1029.531	162.113	571.345	733.458
Grand Total calculated		200.629	217.538	169.618	96.953	684.738	200.045	379.788	579.833	156.763	555.501	712.264
% represented by 100+		92.39	90.75	78.94	64.48	83.29	50.06	60.29	56.32	96.70	97.23	97.11



Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 (Dec. 1978))

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	Month	August					Monthly Total
		1	2	3	4	5	
		31-6	7-13	14-20	21-27	28-3	
		1977	1977	1977	1977	1977	
<i>Anguilla rostrata</i>	American eel	0	0	0	0	0	0
<i>Alosa aestivalis</i>	Blueback herring	0.773	0.373	0.816	0.432	0.237	2.631
<i>Alosa pseudoharengus</i>	Aelwife	0.579	0.663	0.239	0.173	0.17	1.824
<i>Alosa sapidissima</i>	American shad						
<i>Brevoortia tyrannus</i>	Atlantic menhaden	14.739	10.972	10.457	9.326	6.666	52.16
<i>Anchoa hepsetus</i>	Striped anchovy	0	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	8.424	10.965	12.78	8.642	3.894	44.705
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	9.766	12.522	8.695	4.667	7.859	43.509
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0	0	0
<i>Urophycis chuss</i>	Red hake						
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0	0	0
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	1.986	0.807	0.44	0.04	0.058	3.331
<i>Membras martinica</i>	Rough silverside						
<i>Menidia menidia</i>	Atlantic silverside	0.433	0.184	0.06	0.045	0.037	0.759
<i>Apeltes quadracus</i>	Fourspine stickleback						
<i>Gasterosteus aculeatus</i>	Threespine stickleback						
<i>Syngnathus fuscus</i>	Northern pipefish	0.218	0.266	0.273	0.128	0.153	1.038
<i>Centropristis striata</i>	Black sea bass	0	0	0	0	0	0
<i>Morone americana</i>	White perch	0.835	1.29	0.403	0	0	2.528
<i>Lepomis gibbosus</i>	Pumpkinseed	0	0	0	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	4.216	1.823	2.144	2.852	0.898	11.933
<i>Caranx hippos</i>	Crevalle jack	0.061	0	0.126	1.252	0.039	1.478

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

	Month	August					Monthly Total
	Week	1	2	3	4	5	
	dates	31-6	7-13	14-20	21-27	28-3	
	Year	1977	1977	1977	1977	1977	
<i>Selene vomer</i>	Lookdown	0.917	0.354	3.714	2.277	1.551	8.813
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0.438	0.448	2.09	10.357	3.483	16.816
<i>Leiostomus xanthurus</i>	Spot	23.073	9.503	7.912	10.534	6.239	57.261
<i>Micropogon undulatus</i>	Atlantic croaker						
<i>Tautoga onitis</i>	Tautog	0	0	0	0	0	0
<i>Mugil curema</i>	White mullet						
<i>Ammodytes</i> sp.	Sand lance						
<i>Gobiosoma bosc</i>	Naked goby						
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0	0	0	0
<i>Perprilus tricanthus</i>	Butterfish	0	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby						
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	19.519	29.251	6.641	4.396	1.209	61.016
<i>Scophthalmus aquosus</i>	Windowpane	0	0.201	0	0	0	0.201
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0.561	0	0.5	0	1.061
<i>Trinectes maculatus</i>	Hogchoker	0	0	0	0	0	0
<i>Sphaeroides maculatus</i>	Northern puffer	0.203	2.961	1.101	0.52	0	4.785
Total Given (including all organisms impinged, not just those listed)		97.394	92.854	72.068	82.612	37.18	382.108
Total Calculated (using Total Given)		86.18	83.144	57.891	56.141	32.493	315.849
% represented by 100+ (Total Calculated/Total Given x 100)		88.49	89.54	80.33	67.96	87.39	82.66

Weekly estimated weight (kg) of fishes and macroinvertebrates with 100 or more specimens\* impinged at OCGS -- Sept. 1976-Sept. 1977\*\*  
(Table 24 in Ecological Studies for the OCGS: Progress Report Period -- Sept. 1976-Aug. 1977, Vol. 1 [Dec. 1978])

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year of the period September 1976 to August 1979 [this note applies to sept-mar data only]. Thus, zeros in these months represent actual zeros (none collected). Blank cells in any month should not be assumed to represent zero organisms collected. Shaded rows indicate these organisms

\*\* OCGS did not operate from 14 May to 11 July 1977

		Month	August				
		Week	1	2	3	4	5
		dates	31-6	7-13	14-20	21-27	28-3
		Year	1977	1977	1977	1977	1977
							Monthly Total
<i>Lolliguncula brevis</i>	brief squid		0	0	0	0	0
<i>Aequorea</i> spp.	a hydromedusa						
<i>Cyanea capillata</i>	Lion's mane jellyfish		0	0	0	0	0
Polychaeta (class)	bristle worms		0	0	0.005	0.007	0.012
<i>Squilla empusa</i>	mantis shrimp		0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp		0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp		0.011	0.007	0.028	0.038	0.089
<i>Crangon septemspinosa</i>	Sand shrimp		0	0	0	0	0.005
<i>Ovalipes ocellatus</i>	lady crab		0.593	0.159	0.305	0.467	1.855
<i>Portunus gibbesi</i>	a portunid crab						
<i>Callinectes sapidus</i>	Blue crab		967.1	954.393	1180.297	555.053	4075.871
<i>Callinectes similis</i>	Lesser blue crab		1.242	1.687	1.439	0.685	6.23
Nemertea (phylum)	ribbon worms		0	0	0	0	0
Total Given (including all organisms impinged, not just those listed)			981.48	956.276	1189.616	556.812	4106.565
Total Calculated (using Total Given)			968.946	956.246	1182.074	556.25	4084.062
% represented by 100+ (Total Calculated/Total Given x 100)			98.72	100.00	99.37	99.90	99.45
Grand Total given			1078.874	1049.13	1261.684	639.424	4488.673
Grand Total calculated			1055.126	1039.39	1239.965	612.391	4399.911
% represented by 100+			97.80	99.07	98.28	95.77	98.02

Monthly Mean densities (n/m3) of Ichthyoplankton collected at the OCGS for Sept. 1976 to Aug. 1977  
(Table 17 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1976-Aug. 1977: Vol. 2: Plankton)

Month	September		October		November	
Time	24-hr		24-hr		24-hr	
Location*	7	11	7	11	7	11
Juveniles						
<i>Anchoa mitchilli</i>	0.179	0.065	0.242	0.211	0.051	0.032
<i>Hippocampus erectus</i>	0.002	0.004				
<i>Strongylura marina</i>						
<i>Membras martinica</i>						
<i>Menidia menidia</i>						
<i>Syngnathus fuscus</i>	0.033	0.009	0.009	0.006		
<i>Cynoscion regalis</i>						
<i>Leiostomus xanthurus</i>						
Gobiidae					0.006	
<i>Gobiosoma boscii</i>	0.002		0.002			
<i>Gobiosoma ginsburgi</i>	0.002	0.003		0.002	0.028	0.007
<i>Prionotus evolans</i>			0.002			
Larvae						
<i>Anguilla rostrata</i>						
<i>Anchoa mitchilli</i>	1.467	1.032	0.126	0.129		0.008
<i>Strongylura marina</i>						
Atherinidae	0.014	0.007				
<i>Membras martinica</i>						
<i>Menidia menidia</i>						
<i>Cynoscion regalis</i>	0.002					
<i>Micropogon undulatus</i>	0.039	0.045	0.054	0.043	0.073	0.015
Blenniidae	0.194	0.275	0.07	0.011		
Gobiidae	1.352	0.819	0.028	0.024		
<i>Trinectes maculatus</i>						
<i>Sphoeroides maculatus</i>						
<i>Scophthalmus aquosus</i>	0.004			0.002	0.004	
<i>Ammodytes</i> sp.						
<i>Pseudopleuronectes americanus</i>						
Eggs						
<i>Brevoortia tyrannus</i>						
<i>Anchoa mitchilli</i>	0.278	0.157	0.012	0.005		
<i>Merluccius bilinearis</i>						
<i>Menidia</i> sp.						
<i>Tautoga onitis</i>			0.001			
<i>Tautoglabrus adspersus</i>						
<i>Prionotus</i> sp.						
<i>Ammodytes</i> sp.						
<i>Trinectes maculatus</i>						
<i>Pseudopleuronectes americanus</i>						
Unidentified Fish		0.006	0.003			
Totals						
Given Larvae & Juveniles	3.289	2.258	0.533	0.428	0.161	0.062
Given Eggs	0.278	0.163	0.016	0.005	0	0
Given Total (sum of two above)	3.567	2.421	0.549	0.433	0.161	0.062
Calculated Juveniles	0.218	0.081	0.255	0.219	0.085	0.039
Calculated Larvae	3.072	2.178	0.278	0.209	0.077	0.023
Calculated Eggs	0.278	0.163	0.016	0.005	0	0
Calculated Total	3.568	2.422	0.549	0.433	0.162	0.062
Difference	-0.001	-0.001	0	0	-0.001	0

\* Location 7 is the condenser intake  
Location 11 is the condenser discharge.  
Location 13 is the dilution discharge.

Monthly Mean densities (n/m3) of Ichthyoplankton collected at the OCGS for Sept. 1976 to Aug. 1977  
(Table 17 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1976-Aug. 1977: Vol. 2: Plankton)

Month	December		January		February	
Time	24-hr		24-hr		24-hr	
Location*	7	11	7	11	7	11
Juveniles						
<i>Anchoa mitchilli</i>						
<i>Hippocampus erectus</i>						
<i>Strongylura marina</i>						
<i>Membras martinica</i>						
<i>Menidia menidia</i>						
<i>Syngnathus fuscus</i>						
<i>Cynoscion regalis</i>						
<i>Leiostomus xanthurus</i>						
Gobiidae						
<i>Gobiosoma boscii</i>						
<i>Gobiosoma ginsburgi</i>						
<i>Prionotus evolans</i>						
Larvae						
<i>Anguilla rostrata</i>						0.008
<i>Anchoa mitchilli</i>		0.012				
<i>Strongylura marina</i>						
Atherinidae						
<i>Membras martinica</i>						
<i>Menidia menidia</i>						
<i>Cynoscion regalis</i>						
<i>Micropogon undulatus</i>	0.014					
Blenniidae						
Gobiidae						
<i>Trinectes maculatus</i>						
<i>Sphoeroides maculatus</i>						
<i>Scophthalmus aquosus</i>						
<i>Ammodytes</i> sp.			0.263	0.159	0.736	0.275
<i>Pseudopleuronectes americanus</i>				0.006	2.615	1.667
Eggs						
<i>Brevoortia tyrannus</i>						
<i>Anchoa mitchilli</i>						
<i>Merluccius bilinearis</i>						
<i>Menidia</i> sp.						
<i>Tautoga onitis</i>						
<i>Tautoglabrus adspersus</i>						
<i>Prionotus</i> sp.						
<i>Ammodytes</i> sp.					0.053	0.542
<i>Trinectes maculatus</i>						
<i>Pseudopleuronectes americanus</i>			0.123	0.443	0.734	8.079
Unidentified Fish				0.003		
Totals						
Given Larvae & Juveniles	0.014	0.012	0.263	0.165	3.351	1.95
Given Eggs	0	0	0.123	0.446	0.787	8.621
Given Total (sum of two above)	0.014	0.012	0.386	0.611	4.138	10.571
Calculated Juveniles	0	0	0	0	0	0
Calculated Larvae	0.014	0.012	0.263	0.165	3.351	1.95
Calculated Eggs	0	0	0.123	0.446	0.787	8.621
Calculated Total	0.014	0.012	0.386	0.611	4.138	10.571
Difference	0	0	0	0	0	0

\* Location 7 is the condenser intake  
Location 11 is the condenser discharge.  
Location 13 is the dilution discharge.

Monthly Mean densities (n/m3) of Ichthyoplankton collected at the OCGS for Sept. 1976 to Aug. 1977  
(Table 17 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1976-Aug. 1977: Vol. 2: Plankton)

Month	March		April		May*		
Time	24-hr		24-hr		24-hr		
Location*	7	11	7	11	7	11	13
Juveniles							
<i>Anchoa mitchilli</i>							
<i>Hippocampus erectus</i>							
<i>Strongylura marina</i>							
<i>Membras martinica</i>							
<i>Menidia menidia</i>							0.001
<i>Syngnathus fuscus</i>							0.096
<i>Cynoscion regalis</i>							
<i>Leiostomus xanthurus</i>							
Gobiidae							
<i>Gobiosoma bosci</i>							
<i>Gobiosoma ginsburgi</i>							
<i>Prionotus evolans</i>							
Larvae							
<i>Anguilla rostrata</i>	0.045	0.018	0.068	0.036	0.007	0.015	0.004
<i>Anchoa mitchilli</i>							0.19
<i>Strongylura marina</i>							0.001
Atherinidae			0.022			0.011	0.045
<i>Membras martinica</i>							
<i>Menidia menidia</i>						0.005	0.022
<i>Cynoscion regalis</i>							
<i>Micropogon undulatus</i>							
Blenniidae							0.005
Gobiidae							0.139
<i>Trinectes maculatus</i>							
<i>Sphoeroides maculatus</i>							0.014
<i>Scophthalmus aquosus</i>							
<i>Ammodytes</i> sp.	1.07	0.839	0.408	0.255			
<i>Pseudopleuronectes americanus</i>	16.901	8.762	4.28	2.297			
Eggs							
<i>Brevoortia tyrannus</i>	0.008	0.011	0.536	0.25			
<i>Anchoa mitchilli</i>	0.008			0.01	0.366	0.247	4.545
<i>Merluccius bilinearis</i>					0.008		
<i>Menidia</i> sp.			0.183				
<i>Tautoga onitis</i>		0.009	0.243	0.254	0.739	0.455	1.516
<i>Tautoglabrus adspersus</i>			0.043	0.136	0.145	0.022	0.052
<i>Prionotus</i> sp.							0.002
<i>Ammodytes</i> sp.							
<i>Trinectes maculatus</i>							0.071
<i>Pseudopleuronectes americanus</i>							
Unidentified Fish	0.439	0.978	0.02	0.029	0.011	0.092	
Totals							
Given Larvae & Juveniles	18.016	9.618	4.778	2.588	0.007	0.031	0.517
Given Eggs	0.455	0.998	1.025	0.679	1.269	0.816	6.186
Given Total (sum of two above)	18.471	10.616	5.803	3.267	1.276	0.847	6.703
Calculated Juveniles	0	0	0	0	0	0	0.097
Calculated Larvae	18.016	9.619	4.778	2.588	0.007	0.031	0.42
Calculated Eggs	0.455	0.998	1.025	0.679	1.269	0.816	6.186
Calculated Total	18.471	10.617	5.803	3.267	1.276	0.847	6.703
Difference	0	-0.001	0	0	0	0	0

\* Location 7 is the condenser intake  
Location 11 is the condenser discharge.  
Location 13 is the dilution discharge.

\* OCNGS did not operate from 14 May to 11 July 1977. When the plant was not operating, samples were taken in the dilution discharge rather than the condenser discharge



Monthly Mean densities (n/m3) of Ichthyoplankton collected at the OCGS for Sept. 1976 to Aug. 1977  
(Table 17 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1976-Aug. 1977: Vol. 2: Plankton)

Month	June*	July*		August	
Time	24-hr	24-hr		24-hr	
Location*	13	11	13	7	11
Juveniles					
<i>Anchoa mitchilli</i>	0.001	1.272	0.225	2.039	1.296
<i>Hippocampus erectus</i>					
<i>Strongylura marina</i>			0.001		
<i>Membras martinica</i>		0.024	0.001	0.004	0.003
<i>Menidia menidia</i>	0.028		0.003		
<i>Syngnathus fuscus</i>	0.163	0.13	0.457	0.131	0.06
<i>Cynoscion regalis</i>				0.006	0.005
<i>Leiostomus xanthurus</i>	0.001		0.001		
Gobiidae					
<i>Gobiosoma boscii</i>		0.022	0.022		0.001
<i>Gobiosoma ginsburgi</i>					
<i>Prionotus evolans</i>					
Larvae					
<i>Anguilla rostrata</i>	0.001	0.003	0.003		
<i>Anchoa mitchilli</i>	0.61	12.485	19.671	3.48	2.139
<i>Strongylura marina</i>			0.001		
Atherinidae	0.133	0.101	0.129	0.044	0.03
<i>Membras martinica</i>				0.004	0.004
<i>Menidia menidia</i>					
<i>Cynoscion regalis</i>		0.019		0.035	0.015
<i>Micropogon undulatus</i>					
Blenniidae	0.043	0.065	0.043	0.021	0.006
Gobiidae	0.84	1.113	2.256	0.479	0.424
<i>Trinectes maculatus</i>		0.026			
<i>Sphoeroides maculatus</i>	0.045		0.01		
<i>Scopthalmus aquosus</i>					
<i>Ammodytes</i> sp.					
<i>Pseudopleuronectes americanus</i>					
Eggs					
<i>Brevoortia tyrannus</i>					
<i>Anchoa mitchilli</i>	17.308	2.714	40.615	2.788	2.13
<i>Merluccius bilinearis</i>					
<i>Menidia</i> sp.					
<i>Tautoga onitis</i>	0.079		0.006		
<i>Tautoglabrus adspersus</i>	1.732				
<i>Prionotus</i> sp.					
<i>Ammodytes</i> sp.					
<i>Trinectes maculatus</i>	0.062	0.078	0.259	0.006	0.005
<i>Pseudopleuronectes americanus</i>					
Unidentified Fish			0.011		0.006
Totals					
Given Larvae & Juveniles	1.864	15.258	22.823	6.243	3.982
Given Eggs	19.18	2.791	40.89	2.794	2.14
Given Total (sum of two above)	21.044	18.049	63.713	9.037	6.122
Calculated Juveniles	0.193	1.448	0.71	2.18	1.365
Calculated Larvae	1.672	13.812	22.113	4.063	2.618
Calculated Eggs	19.181	2.792	40.891	2.794	2.141
Calculated Total	21.046	18.052	63.714	9.037	6.124
Difference	-0.002	-0.003	-0.001	0	-0.002

\* Location 7 is the condenser intake  
Location 11 is the condenser discharge.  
Location 13 is the dilution discharge.

\* OCGS did not operate from 14 May to 11 July 1977. When the plant was not operating, samples were taken in the dilution discharge rather than the condenser discharge

Monthly Day and Night Mean Densities (n/1000m<sup>3</sup>) of Macrozooplankton\* Collected at OCGS from Sept. 1975 through Aug. 1977\*\*

Month	September		October		November		December	
Time	Day	Night	Day	Night	Day	Night	Day	Night
Zoeae								
<i>Cragon septimspinosa</i>	17	8	0	126	1210	1599	51	193
<i>Palaemonetes</i> sp.	33	73	0	9	0	0	0	0
Megalopae								
<i>Callinectes sapidus</i>	56	1775	157	1438	0	0	0	0
Juveniles/Adults								
<i>Cragon septimspinosa</i>	0	29	0	22	0	0	0	149
<b>Total</b>	<b>106</b>	<b>1885</b>	<b>157</b>	<b>1595</b>	<b>1210</b>	<b>1599</b>	<b>51</b>	<b>342</b>

\* Only RIS macrozooplankton are recorded here; original table includes all collected macrozooplankton.

\*\* To keep years consistent, only 1976-77 data are presented here. 1975-76 data are presented with other data from that year.

Monthly Day and Night Mean Densities (n/1000m3) of Macrozooplankton\* Collected at OCGS from Sept. 1975 through Aug. 1977\*\*

Month	January		February		March		April	
Time	Day	Night	Day	Night	Day	Night	Day	Night
Zoeae								
<i>Cragon septimspinosa</i>	0	0	0	23	133	22	2071	9578
<i>Palaemonetes</i> sp.	0	0	0	0	0	0	0	0
Megalopae								
<i>Callinectes sapidus</i>	0	0	0	0	0	0	0	0
Juveniles/Adults								
<i>Cragon septimspinosa</i>	0	179	79	654	0	317	0	282
<b>Total</b>	<b>0</b>	<b>179</b>	<b>79</b>	<b>677</b>	<b>133</b>	<b>339</b>	<b>2071</b>	<b>9860</b>

\* Only RIS macrozooplankton are recorded here; original table includes all collected macrozooplankton.

\*\* To keep years consistent, only 1976-77 data are presented here. 1975-76 data are presented with other data from that year.

Monthly Day and Night Mean Densities (n/1000m<sup>3</sup>) of Macrozooplankton\* Collected at OCGS from Sept. 1975 through Aug. 1977\*\*

Month	May***		June***		July***		August	
Time	Day	Night	Day	Night	Day	Night	Day	Night
Zoeae								
<i>Cragon septimspinosa</i>	3324	12943	7194	10467	2067	3355	51	7
<i>Palaemonetes</i> sp.	0	11	1185	7600	2900	9233	243	859
Megalopae								
<i>Callinectes sapidus</i>	0	0	0	0	0	0	64	27
Juveniles/Adults								
<i>Cragon septimspinosa</i>	0	64	0	25	0	6	31	152
<b>Total</b>	<b>3324</b>	<b>13018</b>	<b>8379</b>	<b>18092</b>	<b>4967</b>	<b>12594</b>	<b>389</b>	<b>1045</b>

\* Only RIS macrozooplankton are recorded here; original table includes all collected macrozooplankton.

\*\* To keep years consistent, only 1976-77 data are presented here. 1975-76 data are presented with other data from that year.

\*\*\* OCGS did not operate from 14 May to 11 July 1977. When the plant was not in operation, samples were taken in the dilution discharge rather than the condenser discharge. Samples were collected both in the condensor intake and discharge (except as noted above) but the data are not separated to display this difference.

Monthly Mean Biomass (mg/m<sup>3</sup>) of Ichthyoplankton Collected at the OCGS for Sept. 1976 to Aug. 1977  
 (Table 17 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept 1976 - Aug.  
 1977: Vol. 2: Plankton)

Month*	September	
Time	24-hr	
Location**	7	11
Larvae		
<i>Anchoa mitchilli</i>	15.2	12.3
Eggs		
<i>Anchoa mitchilli</i>	0	
<b>Totals</b>		
<b>Given Larvae &amp; Juveniles</b>	15.2	12.3
<b>Given Eggs</b>	0	0
<b>Given Total (sum of two above)</b>	15.2	12.3
<b>Calculated Larvae</b>	15.2	12.3
<b>Calculated Eggs</b>	0	0
<b>Calculated Total</b>	15.2	12.3
<b>Difference</b>	0	0

\* All given biomass data are provided; no data were provided for other months.

\*\* Location 7 is the condenser intake.  
 Location 11 is the condenser discharge.  
 Location 13 is the dilution discharge.

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms.  
Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

		Month	September				
		Week	1	2	3	4	Monthly
		Dates	4-10	11-17	18-24	25-1	Total
		Year	1977	1977	1977	1977	
<i>Anguilla rostrata</i>	American eel	22	11	11	21	65	
<i>Alosa aestivalis</i>	Blueback herring	157	4	4	0	165	
<i>Alosa pseudoharengus</i>	Aelwife	4	11	0	193	208	
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0	
<i>Brevoortia tyrannus</i>	Atlantic menhaden	149	60	39	38	286	
<i>Anchoa mitchilli</i>	Bay anchovy	4940	2188	3209	1255	11592	
<i>Synodus foetens</i>	Inshore lizardfish	0	0	22	46	68	
<i>Opsanus tau</i>	Oyster toadfish	46	18	39	25	128	
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0	0	
<i>Merluccius bilinearis</i>	Silver hake	0	0	0	0	0	
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0	
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0	0	
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0	0	0	
<i>Membras martinica</i>	Rough silverside	32	95	96	110	333	
<i>Menidia menidia</i>	Atlantic silverside	11	4	18	11	44	
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0	0	
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0	0	
<i>Syngnathus fuscus</i>	Northern pipefish	54	4	4	14	76	
<i>Centropristis striata</i>	Black sea bass	0	0	0	0	0	
<i>Morone americana</i>	White perch	0	0	4	0	4	
<i>Pomatomus saltatrix</i>	Bluefish	53	46	50	40	189	
<i>Caranx hippos</i>	Crevalle jack	7	11	36	26	80	
<i>Selene vomer</i>	Lookdown	244	221	240	235	940	
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0	
<i>Bairdiella chrysura</i>	Silver perch	14	7	4	42	67	



Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

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		September				
Month						Monthly
Week		1	2	3	4	Total
Dates		4-10	11-17	18-24	25-1	
Year		1977	1977	1977	1977	
<i>Cynoscion regalis</i>	Weakfish	659	385	178	852	2074
<i>Leiostomus xanthurus</i>	Spot	84	70	74	107	335
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0	0	0
<i>Tautoga onitis</i>	Tautog	0	0	0	0	0
<i>Mugil curema</i>	White mullet	0	14	115	80	209
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	0	0	0	0	0
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0	0	0
<i>Pariprilius tricanthus</i>	Butterfish	0	0	0	4	4
<i>Prionotus carolinus</i>	Northern searobin	21	7	15	47	90
<i>Prionotus evolans</i>	Striped searobin	12	11	4	137	164
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	26	21	14	57	118
<i>Scophthalmus aquosus</i>	Windowpane	0	4	4	0	8
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	4	0	4
<i>Trinectes maculatus</i>	Hogchoker	11	14	14	22	61
<i>Sphoeroides maculatus</i>	Northern puffer	44	4	7	85	140
Total Given (including all impinged organisms, not just those for listed species)		6607	3269	4252	3531	17659
Total Calculated (using "Total Given")		6590	3210	4205	3447	17452
% represented by 100+ (Total Calculated/Total Given x 100)		99.74	98.20	98.89	97.62	98.83

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms.

Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

		Month	September				
		Week	1	2	3	4	Monthly
		Dates	4-10	11-17	18-24	25-1	Total
		Year	1977	1977	1977	1977	
<i>Aequorea</i> spp.	a hydromedusa	0	7	103	183	293	
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0	
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	
Polychaeta (class)	bristle worms	0	0	0	0	0	
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	0	
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0	
<i>Panaeus aztecus</i>	brown shrimp	4	7	32	45	88	
<i>Palaemonetes vulgaris</i>	grass shrimp	0	4	4	0	8	
<i>Crangon septemspinosa</i>	Sand shrimp	7	14	14	0	35	
<i>Cancer irroratus</i>	Rock crab	0	0	0	0	0	
<i>Ovalipes ocellatus</i>	lady crab	19	11	32	95	157	
<i>Portunus gibbesi</i>	a portunid crab	0	7	0	0	7	
<i>Callinectes sapidus</i>	Blue crab	4378	11606	12159	34529	62672	
<i>Callinectes similis</i>	Lesser blue crab	298	140	333	251	1022	
Nemertea (phylum)	ribbon worms	0	0	0	0	0	
Total Given (including all impinged organisms, not just those for		4720	11795	12705	35102	64322	
Total Calculated (using "Total Given")		4706	11796	12677	35103	64282	
% represented by 100+		99.70	100.01	99.78	100.00	99.94	
Grand Total given		11327	15064	16957	38633	81981	
Grand Total calculated		11296	15006	16882	38550	81734	
% represented by 100+		99.73	99.61	99.56	99.79	99.70	

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

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Month		October					November				
Week		1	2	3	4	Monthly	1	2	3	4	Monthly
Dates		2-8	9-15	16-22	23-29	Total	30-5	6-12	13-19	20-26	Total
Year		1977	1977	1977	1977		1977	1977	1977	1977	
<i>Anguilla rostrata</i>	American eel	0	0	0	0	0	0	21	4	4	29
<i>Alosa aestivalis</i>	Blueback herring	0	4	53	4	61	32	2632	2079	347	5090
<i>Alosa pseudoharengus</i>	Aelwife	18	28	130	39	215	340	214	1122	248	1924
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	21	470	18183	215	18889	1551	8551	4853	1071	16026
<i>Anchoa mitchilli</i>	Bay anchovy	3036	15576	7014	242	25868	4393	1152	391	338	6274
<i>Synodus foetens</i>	Inshore lizardfish	95	95	4	0	194	140	49	15	4	208
<i>Opsanus tau</i>	Oyster toadfish	42	56	42	46	186	60	56	84	21	221
<i>Rissola marginata</i>	Striped cuskeel	0	0	7	4	11	4	11	7	4	26
<i>Merluccius bilinearis</i>	Silver hake	0	0	0	0	0	0	0	42	0	42
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0	14	123	120	53	310
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	14	4	18	0	14	4	22	40
<i>Fundulus heteroclitus</i>	Mummichog	0	0	21	26	47	0	11	25	18	54
<i>Membras martinica</i>	Rough silverside	4	22	4	0	30	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	7	11	459	547	1024	942	1635	4744	3573	10894
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	8	8	4	4	158	18	184
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0	0	0	0	0	9	9
<i>Syngnathus fuscus</i>	Northern pipefish	70	1001	1103	505	2679	1271	497	1697	779	4244
<i>Centropomus striatus</i>	Black sea bass	0	4	46	0	50	0	18	7	7	32
<i>Morone americana</i>	White perch	14	14	18	9	55	42	28	78	78	226
<i>Pomatomus saltatrix</i>	Bluefish	35	598	343	13	989	28	70	106	0	204
<i>Caranx hippos</i>	Creville jack	25	141	0	12	178	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	140	264	14	39	457	56	39	0	9	104
<i>Stenotomus chrysops</i>	Scup	0	0	25	0	25	4	0	25	0	29
<i>Bairdiella chrysura</i>	Silver perch	4	182	980	125	1291	322	494	456	313	1585

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
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Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

	Month	October					November				
	Week	1	2	3	4	Monthly	1	2	3	4	Monthly
	Dates	2-8	9-15	16-22	23-29	Total	30-5	6-12	13-19	20-26	Total
	Year	1977	1977	1977	1977		1977	1977	1977	1977	
<i>Cynoscion regalis</i>	Weakfish	219	4000	5516	216	9951	718	1001	325	11	2055
<i>Leiostomus xanthurus</i>	Spot	95	749	13689	610	15143	1260	1327	31872	3284	37743
<i>Micropogon undulatus</i>	Atlantic croaker	4	0	4	0	8	25	137	65	18	245
<i>Tautoga onitis</i>	Tautog	0	7	46	40	93	35	343	95	301	774
<i>Mugil curema</i>	White mullet	4	21	81	0	106	4	4	23	7	38
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0	0	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	0	7	0	0	7	4	0	0	4	8
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0	0	0	34	21	55
<i>Hypsoblennius hentzi</i>	Feather blenny	0	25	56	15	96	84	39	116	73	312
<i>Pariprius tricanthus</i>	Butterfish	0	0	81	0	81	4	11	14	0	29
<i>Prionotus carolinus</i>	Northern searobin	28	21	21	0	70	35	18	18	7	78
<i>Prionotus evolans</i>	Striped searobin	278	2819	1838	123	5058	3511	634	505	120	4770
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0	0	0	0	0	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder	0	7	0	0	7	249	585	378	323	1535
<i>Paralichthys dentatus</i>	Summer flounder	0	394	147	8	549	168	28	39	11	246
<i>Scophthalmus aquosus</i>	Windowpane	193	11	98	4	306	56	7	15	7	85
<i>Pseudopleuronectes americanus</i>	Winter flounder	14	67	119	118	318	417	480	882	838	2617
<i>Trinectes maculatus</i>	Hogchoker	54	81	77	36	248	49	42	32	25	148
<i>Sphoeroides maculatus</i>	Northern puffer	88	28	7	0	123	0	112	136	73	321
Total Given (including all impinged organisms, not just those for listed species)		4604	26930	50460	3089	85083	15932	20521	50826	12055	99334
Total Calculated (using "Total Given")		4488	26703	50240	3008	84439	15822	20387	50566	12039	98814
% represented by 100+ (Total Calculated/Total Given x 100)		97.48	99.16	99.56	97.38	99.24	99.31	99.35	99.49	99.87	99.48

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
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		October					November				
Month	Week	1	2	3	4	Monthly	1	2	3	4	Monthly
Dates		2-8	9-15	16-22	23-29	Total	30-5	6-12	13-19	20-26	Total
Year		1977	1977	1977	1977		1977	1977	1977	1977	
<i>Aequorea</i> spp.	a hydromedusa	7	93	102	4	206	0	0	7	0	7
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0	0	0	0	0	0
<i>Cyanea capillata</i>	Lion's mane jellyfish	4	18	18	0	40	42	4	0	0	46
Polychaeta (class)	bristle worms	0	14	21	0	35	42	67	56	37	202
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	0	0	0	0	0	0
<i>Squilla empusa</i>	mantis shrimp	0	7	14	0	21	49	56	28	4	137
<i>Panaeus aztecus</i>	brown shrimp	46	383	109	159	697	791	2443	1337	16	4587
<i>Palaemonetes vulgaris</i>	grass shrimp	11	25	1785	117	1938	4893	23618	9212	13458	51181
<i>Crangon septemspinosa</i>	Sand shrimp	46	816	3248	120	4230	41696	35830	27052	64171	168749
<i>Cancer irroratus</i>	Rock crab	0	0	0	0	0	0	0	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	35	95	165	142	437	2051	1180	1487	655	5373
<i>Portunus gibbesi</i>	a portunid crab	0	81	14	32	127	581	165	133	0	879
<i>Callinectes sapidus</i>	Blue crab	8874	6043	5905	2612	23434	14378	92771	1180	148	108477
<i>Callinectes similis</i>	Lesser blue crab	60	87	56	5	208	133	105	14	0	252
Nemertea (phylum)	ribbon worms	0	60	4	4	68	42	60	25	44	171
Total Given (including all impinged organisms, not just those for		9086	7719	11438	3217	31460	64715	156321	40545	78564	340145
Total Calculated (using "Total Given")		9083	7722	11441	3195	31441	64698	156299	40531	78533	340061
% represented by 100+		99.97	100.04	100.03	99.32	99.94	99.97	99.99	99.97	99.96	99.98
Grand Total given		13690	34649	61898	6306	116543	80647	176841	91372	90589	439449
Grand Total calculated		13571	34425	61681	6203	115880	80520	176686	91097	90572	438875
% represented by 100+		99.13	99.35	99.65	98.37	99.43	99.84	99.91	99.70	99.98	99.87

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	Month	December						January					
		1	2	3	4	5	Monthly	1	2	3	4	Monthly	
		Week						Week					
		Dates					Total	Dates				Total	
		Year	1977	1977	1977	1977	1977	1978	1978	1978	1978	1978	
<i>Anguilla rostrata</i>	American eel		14	7	0	7	4	32	0	0	0	0	0
<i>Alosa aestivalis</i>	Blueback herring		1760	7712	274	771	23805	34322	1034	1184	36	0	2254
<i>Alosa pseudoharengus</i>	Aelwife		33	155	4	39	178	409	53	137	0	0	190
<i>Alosa sapidissima</i>	American shad		0	0	0	28	608	636	270	123	0	0	393
<i>Brevoortia tyrannus</i>	Atlantic menhaden		1406	2069	178	353	1542	5548	50	262	0	0	312
<i>Anchoa mitchilli</i>	Bay anchovy		820	297	61	7	54	1239	140	0	12	0	152
<i>Synodus foetens</i>	Inshore lizardfish		4	0	0	0	0	4	0	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish		14	4	4	0	4	26	0	0	0	0	0
<i>Rissola marginata</i>	Striped cuskeel		0	11	4	0	0	15	0	0	0	0	0
<i>Merluccius bilinearis</i>	Silver hake		90	290	28	14	43	465	46	12	0	0	58
<i>Urophycis chuss</i>	Red hake		85	695	86	77	131	1074	64	140	8	0	212
<i>Cyprinodon variegatus</i>	Sheepshead minnow		120	310	51	67	21	569	63	10	18	0	91
<i>Fundulus heteroclitus</i>	Mummichog		18	15	14	25	4	76	4	4	0	0	8
<i>Membras martinica</i>	Rough silverside		0	0	0	0	0	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside		3641	10101	5491	3519	13036	35788	3299	13226	614	119	17258
<i>Apeltes quadracus</i>	Fourspine stickleback		36	21	65	74	108	304	188	154	764	861	1967
<i>Gasterosteus aculeatus</i>	Threespine stickleback		0	21	0	14	322	357	155	118	51	21	345
<i>Syngnathus fuscus</i>	Northern pipefish		2571	1154	909	166	245	5045	205	109	54	21	389
<i>Centropristis striata</i>	Black sea bass		7	0	0	0	0	7	0	0	0	0	0
<i>Morone americana</i>	White perch		26	53	21	70	34	204	77	30	8	0	115
<i>Pomatomus saltatrix</i>	Bluefish		0	0	0	0	0	0	0	0	0	0	0
<i>Caranx hippos</i>	Crevalle jack		0	0	0	0	0	0	0	0	0	0	0
<i>Selene vomer</i>	Lookdown		0	0	0	0	0	0	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup		4	0	0	0	0	4	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch		288	177	0	0	0	465	0	0	0	0	0

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
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		December						January				
Month	Week	1	2	3	4	5	Monthly	1	2	3	4	Monthly
Dates		27-3	4-10	11-17	18-24	25-31	Total	1-7	8-14	15-21	22-28	Total
Year		1977	1977	1977	1977	1977		1978	1978	1978	1978	
<i>Cynoscion regalis</i>	Weakfish	105	43	0	0	0	148	0	0	0	0	0
<i>Leiostomus xanthurus</i>	Spot	358	979	88	269	11	1705	4	13	0	0	17
<i>Micropogon undulatus</i>	Atlantic croaker	4	33	52	21	18	128	56	7	4	0	67
<i>Tautoga onitis</i>	Tautog	63	91	77	35	22	288	0	7	0	7	14
<i>Mugil curema</i>	White mullet	0	0	0	0	0	0	0	5	0	0	5
<i>Ammodytes</i> sp.	Sand lance	0	7	0	0	4	11	4	10	15	7	36
<i>Gobiosoma boscii</i>	Naked goby	0	0	0	0	0	0	0	0	101	7	108
<i>Astroscopus guttatus</i>	Northern stargazer	7	0	0	0	0	7	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	4	0	0	0	0	4	0	0	7	0	7
<i>Parprilus tincanthis</i>	Butterfish	15	14	0	0	0	29	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	4	11	4	0	0	19	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	77	32	23	7	0	139	0	0	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	0	42	33	60	236	371	431	427	407	252	1517
<i>Etropus microstomus</i>	Smallmouth flounder	1271	2088	979	336	103	4777	14	67	0	0	81
<i>Paralichthys dentatus</i>	Summer flounder	7	4	0	58	0	69	0	0	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	18	32	7	7	4	68	7	7	4	0	18
<i>Pseudopleuronectes americanus</i>	Winter flounder	404	1980	506	2311	2103	7304	1741	7654	1251	462	11108
<i>Trinectes maculatus</i>	Hogchoker	21	4	0	0	0	25	0	0	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	0	0	0	0
Total Given (including all impinged organisms, not just those for listed species)		13325	28482	8965	8381	42691	101844	7910	23707	3353	1757	36727
Total Calculated (using "Total Given")		13295	28452	8959	8335	42640	101681	7905	23706	3354	1757	36722
% represented by 100+												
(Total Calculated/Total Given x 100)		99.77	99.89	99.93	99.45	99.88	99.84	99.94	100.00	100.03	100.00	99.99



Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

		December						January					
Month													
Week		1	2	3	4	5	Monthly	1	2	3	4	Monthly	
Dates		27-3	4-10	11-17	18-24	25-31	Total	1-7	8-14	15-21	22-28	Total	
Year		1977	1977	1977	1977	1977		1978	1978	1978	1978		
<i>Aequorea</i> spp.	a hydromedusa	0	4	0	0	0	4	0	0	0	0	0	0
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0	0	0	0	0	0	0
Polychaeta (class)	bristle worms	665	1668	424	1466	18	4241	18	70	74	28	190	
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	0	0	0	0	0	0	0	0
<i>Squilla empusa</i>	mantis shrimp	14	0	0	0	0	14	0	0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	4	11	0	0	0	15	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	55724	30970	4283	13071	7446	111494	21210	6200	6293	3073	36776	
<i>Crangon septemspinosa</i>	Sand shrimp	402129	591617	510590	149758	438769	2092863	296652	107016	227075	70175	700918	
<i>Cancer irroratus</i>	Rock crab	33	4	4	4	14	59	18	6	5	14	43	
<i>Ovalipes ocellatus</i>	lady crab	582	99	4	0	0	685	0	0	0	0	0	0
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0	0	0	0	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	64	7	0	7	4	82	4	0	14	0	18	
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea (phylum)	ribbon worms	431	96	11	28	4	570	7	7	0	0	14	
Total Given (including all impinged organisms, not just those for		459644	624473	515324	164338	446254	2210033	317909	113298	233476	73290	737973	
Total Calculated (using "Total Given")		459646	624476	515316	164334	446255	2210027	317909	113299	233461	73290	737959	
% represented by 100+		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.99	100.00	100.00	
Grand Total given		472969	652955	524289	172719	488946	2311878	325819	137006	236829	75047	774701	
Grand Total calculated		472941	652928	524275	172669	488895	2311708	325814	137005	236815	75047	774681	
% represented by 100+		99.99	100.00	100.00	99.97	99.99	99.99	100.00	100.00	99.99	100.00	100.00	

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

Month		February					March				
Week		1	2	3	4	Monthly	1	2	3	4	Monthly
Dates		29-4	5-11	12-18	19-25	Total	26-4	5-11	12-18	19-25	Total
Year		1978	1978	1978	1978		1978	1978	1978	1978	
<i>Anguilla rostrata</i>	American eel	5	4	0	7	16	4	7	4	4	19
<i>Alosa aestivalis</i>	Blueback herring	0	4	4	0	8	11	32	135	321	584
<i>Alosa pseudoharengus</i>	Aelwife	0	0	0	0	0	0	0	28	360	561
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0	0	0	0	0	24	0	24
<i>Anchoa mitchilli</i>	Bay anchovy	0	0	0	0	0	0	0	0	0	0
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0	0	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	4	0	0	0	4	4	4	0	0	12
<i>Rissola marginata</i>	Striped cuskeel	0	0	4	0	4	0	0	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	0	0	0	0	0	0	0	0	0
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0	0	7	7	4	18
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	12	0	12	4	4	0	21	29
<i>Fundulus heteroclitus</i>	Mummichog	0	4	7	11	22	0	11	7	85	124
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	134	49	205	392	780	317	588	1074	440	2625
<i>Apeltes quadracus</i>	Fourspine stickleback	435	89	179	98	801	7	53	137	443	916
<i>Gasterosteus aculeatus</i>	Threespine stickleback	8	28	23	21	80	57	326	363	259	1038
<i>Syngnathus fuscus</i>	Northern pipefish	9	4	21	7	41	11	4	14	70	383
<i>Centropristis striata</i>	Black sea bass	0	0	0	0	0	0	0	0	0	0
<i>Morone americana</i>	White perch	4	0	0	4	8	0	7	18	4	36
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0	0	0	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0	0	0	0	0

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

		Month	February					March					
		Week	1	2	3	4	Monthly	1	2	3	4	Monthly	
		Dates	29-4	5-11	12-18	19-25	Total	26-4	5-11	12-18	19-25	26-1	Total
		Year	1978	1978	1978	1978		1978	1978	1978	1978	1978	
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0	0	0	0	4	0	8	7	4	23
<i>Micropogon undulatus</i>	Atlantic croaker	0	7	0	4	11	4	0	17	0	0	0	21
<i>Tautoga onitis</i>	Tautog	0	0	0	0	0	0	7	0	0	0	4	11
<i>Mugil curema</i>	White mullet	0	0	0	0	0	0	14	17	0	0	0	31
<i>Ammodytes</i> sp.	Sand lance	0	0	0	4	4	0	4	7	0	0	0	11
<i>Gobiosoma bosc</i>	Naked goby	0	0	4	0	4	4	0	0	0	0	0	4
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0	0	0	0	0	0	0	0	0	0
<i>Perprilus tricanthus</i>	Butterfish	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0	0	0	0	0	0	0	0	0	0
<i>Myoxocephalus aenaeus</i>	Grubby	69	47	63	28	207	0	18	7	4	0	0	29
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0	315	0	0	315	0	0	0	18	4	0	22
<i>Pseudopleuronectes americanus</i>	Winter flounder	348	0	473	182	1003	123	151	520	114	128	0	1036
<i>Trinectes maculatus</i>	Hogchoker	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	0	0	0	0	0
Total Given (including all impinged organisms, not just those for listed species)		1014	550	1009	760	3333	550	1239	2393	2151	1249	0	7582
Total Calculated (using "Total Given")		1016	551	995	758	3320	550	1237	2387	2154	1229	0	7557
% represented by 100+ (Total Calculated/Total Given x 100)		100.20	100.18	98.61	99.74	99.61	100.00	99.84	99.75	100.14	98.40	0	99.67

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

		Month	February					March					
		Week	1	2	3	4	Monthly	1	2	3	4	5	Monthly
		Dates	29-4	5-11	12-18	19-25	Total	26-4	5-11	12-18	19-25	26-1	Total
		Year	1978	1978	1978	1978		1978	1978	1978	1978	1978	
Aequorea spp.	a hydromedusa	0	0	0	0	0	0	0	0	0	0	0	0
Rhopilema verrilli	a jellyfish	0	0	0	0	0	0	0	0	0	0	0	0
Cyanea capillata	Lion's mane jellyfish	0	0	0	0	0	0	0	0	0	0	0	0
Polychaeta (class)	bristle worms	50	0	23	7	80	8	0	239	166	258	671	671
Limulus polyphemus	horseshoe crab	0	0	0	0	0	0	0	0	0	0	0	0
Squilla empusa	mantis shrimp	0	0	0	0	0	0	0	0	0	0	0	0
Panaeus aztecus	brown shrimp	0	0	0	0	0	0	0	0	0	0	0	0
Palaemonetes vulgaris	grass shrimp	7719	5411	11886	1985	27001	1739	3000	3103	5491	5513	18846	18846
Crangon septemspinosa	Sand shrimp	71116	30713	37612	16751	156192	7865	18984	37063	8827	20196	92935	92935
Cancer irroratus	Rock crab	0	0	15	0	15	0	0	0	21	7	28	28
Ovalipes ocellatus	lady crab	0	0	0	0	0	0	0	0	4	7	11	11
Portunus gibbesi	a portunid crab	0	0	0	0	0	0	0	0	0	0	0	0
Callinectes sapidus	Blue crab	8	0	0	0	8	4	7	0	42	260	313	313
Callinectes similis	Lesser blue crab	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea (phylum)	ribbon worms	0	0	0	0	0	0	0	0	43	49	92	92
Total Given (including all impinged organisms, not just those for		78893	36124	49539	18746	183302	9619	21991	40409	14605	26289	112913	112913
Total Calculated (using "Total Given")		78893	36124	49536	18743	183296	9616	21991	40405	14594	26290	112896	112896
% represented by 100+		100.00	100.00	99.99	99.98	100.00	99.97	100.00	99.99	99.92	100.00	99.98	99.98
Grand Total given		79907	36673	50548	19506	186634	10169	23230	42802	16757	27539	120497	120497
Grand Total calculated		79909	36675	50531	19501	186616	10166	23228	42792	16748	27519	120453	120453
% represented by 100+		100.00	100.01	99.97	99.97	99.99	99.97	99.99	99.98	99.95	99.93	99.96	99.96

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

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	Month	April					May				
		1	2	3	4	Monthly	1	2	3	4	Monthly
		Dates	Dates	Dates	Dates	Total	Dates	Dates	Dates	Dates	Total
		2-8	9-15	16-22	23-29		30-6	7-13	14-20	21-27	
		1979	1979	1979	1979		1979	1979	1979	1979	
<i>Anguilla rostrata</i>	American eel	0	7	4	31	42	4	4	0	0	8
<i>Alosa aestivalis</i>	Blueback herring	46	7	7	193	253	156	32		4	192
<i>Alosa pseudoharengus</i>	Aelwife	35	42	39	88	204	39	61	11	49	160
<i>Alosa sapidissima</i>	American shad										
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	4	7	9	20	52	21	25	25	123
<i>Anchoa mitchilli</i>	Bay anchovy	0	4	42	6404	6450	29434	6581	5376	1159	42550
<i>Synodus foetens</i>	Inshore lizardfish										
<i>Opsanus tau</i>	Oyster toadfish	0	4	0	0	4	15	62	21	39	137
<i>Rissola marginata</i>	Striped cuskeel										
<i>Merluccius bilinearis</i>	Silver hake										
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0	16	0	0	0	16
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	7	7	4	18	0	4	0	0	4
<i>Fundulus heteroclitus</i>	Mummichog	7	11	49	4	71	8	4	7	4	23
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	105	74	298	547	1024	81	49	32	28	190
<i>Apeltes quadracus</i>	Fourspine stickleback	77	35	35	28	175	0	4	7	4	15
<i>Gasterosteus aculeatus</i>	Threespine stickleback	32	0	7	12	51	0	0	7	0	7
<i>Syngnathus fuscus</i>	Northern pipefish	942	872	889	374	3077	335	230	140	81	786
<i>Centropristis striata</i>	Black sea bass										
<i>Morone americana</i>	White perch	4	4	11	15	34	11	14	39	25	89
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0	0	0
<i>Caranx hippos</i>	Creville jack	0	0	0	0	0	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup										
<i>Bairdiella chrysura</i>	Silver perch										

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

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Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

		Month	April					May				
		Week	1	2	3	4	Monthly	1	2	3	4	Monthly
		Dates	2-8	9-15	16-22	23-29	Total	30-6	7-13	14-20	21-27	Total
		Year	1979	1979	1979	1979		1979	1979	1979	1979	
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	0	4	4	
<i>Leiostomus xanthurus</i>	Spot											
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0	0	0	0	0	0	0	0	
<i>Tautoga onitis</i>	Tautog	0	4	0	0	4	0	0	0	0	0	
<i>Mugil curema</i>	White mullet											
<i>Ammodytes</i> sp.	Sand lance	18	0	32	105	155	237	11	0	0	248	
<i>Gobiosoma bosc</i>	Naked goby											
<i>Astroscopus guttatus</i>	Northern stargazer											
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0	0	0	0	0	0	0	0	
<i>Perprilus tricanthus</i>	Butterfish											
<i>Prionotus carolinus</i>	Northern searobin											
<i>Prionotus evolans</i>	Striped searobin	0	0	0	15	15	8	4	4	4	20	
<i>Myoxocephalus aenaeus</i>	Grubby	0	0	4	7	11	11	0	0	0	11	
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	4	7	11	14	0	0	0	14	
<i>Paralichthys dentatus</i>	Summer flounder	7	0	14	40	61	100	25	18	4	147	
<i>Scophthalmus aquosus</i>	Windowpane	4	18	7	21	50	49	22	32	0	103	
<i>Pseudopleuronectes americanus</i>	Winter flounder	39	4	25	374	442	178	9	0	0	187	
<i>Trinectes maculatus</i>	Hogchoker	4	7	7	28	46	70	37	21	11	139	
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	42	39	81	
Total Given (including all impinged organisms, not just those for listed species)		1320	1103	1484	8348	12255	30833	7186	5796	1488	45303	
Total Calculated (using "Total Given")		1320	1104	1488	8306	12218	30818	7174	5782	1480	45254	
% represented by 100+ (Total Calculated/Total Given x 100)		100.00	100.09	100.27	99.50	99.70	99.95	99.83	99.76	99.46	99.89	



Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

		April					May				
Month	Week	1	2	3	4	Monthly	1	2	3	4	Monthly
Dates		2-8	9-15	16-22	23-29	Total	30-6	7-13	14-20	21-27	Total
Year		1979	1979	1979	1979		1979	1979	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa										
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0	372	77	795	333	1577
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0	0	0	0	0
Polychaeta (class)	bristle worms	7	0	4	34	45	39	0	0	0	39
<i>Limulus polyphemus</i>	horseshoe crab	7	7	4	5	23	4	0	25	56	85
<i>Squilla empusa</i>	mantis shrimp										
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	14466	8715	5621	15191	43993	3389	1857	1141	942	7329
<i>Crangon septemspinosa</i>	Sand shrimp	21333	7161	8726	150440	187660	63760	32514	5425	1915	103614
<i>Cancer irroratus</i>	Rock crab	4	4	32	61	101	21	19	25	18	83
<i>Ovalipes ocellatus</i>	lady crab	7	7	0	9	23	21	14	11	0	46
<i>Portunus gibbesi</i>	a portunid crab										
<i>Callinectes sapidus</i>	Blue crab	3220	17829	11176	5329	37554	3705	3778	2765	1110	11358
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	0	0
Nemertea (phylum)	ribbon worms	7	4	4	21	36	135	0	0	0	135
Total Given (including all impinged organisms, not just those for		39050	33730	25571	171088	269439	71455	38263	10203	4372	124293
Total Calculated (using "Total Given")		39051	33727	25567	171090	269435	71446	38259	10187	4374	124266
% represented by 100+		100.00	99.99	99.98	100.00	100.00	99.99	99.99	99.84	100.05	99.98
Grand Total given		40369	34832	27055	179437	281693	102287	45449	15999	5859	169594
Grand Total calculated		40371	34831	27055	179396	281653	102264	45433	15969	5854	169520
% represented by 100+		100.00	100.00	100.00	99.98	99.99	99.98	99.96	99.81	99.91	99.96



Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

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	Month	June					July				
		1	2	3	4	Monthly	1	2	3	4	Monthly
		Week	Week	Week	Week	Total	Week	Week	Week	Week	Total
		Dates	Dates	Dates	Dates		Dates	Dates	Dates	Dates	
		Year	Year	Year	Year		Year	Year	Year	Year	
<i>Anguilla rostrata</i>	American eel	7	4	0	0	11	7	18	11	18	54
<i>Alosa aestivalis</i>	Blueback herring	0	0	0	0	0	0	4	4	28	36
<i>Alosa pseudoharengus</i>	Aelwife	11	14	21	18	64	21	19	14	18	72
<i>Alosa sapidissima</i>	American shad										
<i>Brevoortia tyrannus</i>	Atlantic menhaden	11	11	4	0	26	0	18	35	84	137
<i>Anchoa mitchilli</i>	Bay anchovy	977	207	333	98	1615	156	620	1320	1744	3840
<i>Synodus foetens</i>	Inshore lizardfish										
<i>Opsanus tau</i>	Oyster toadfish	35	105	91	32	263	9	8	63	39	119
<i>Rissola marginata</i>	Striped cuskeel										
<i>Merluccius bilinearis</i>	Silver hake										
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0	0	0	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0	0	0	0	0	0	0
<i>Fundulus heteroclitus</i>	Mummichog	74	0	4	11	89	0	0	0	0	0
<i>Membras martinica</i>	Rough silverside	4	0	0	0	4	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	35	7	0	0	42	4	11	4	0	19
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0	0	0	0	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	4	0	0	0	4	0	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	123	119	210	42	494	21	86	141	74	322
<i>Centropristis striata</i>	Black sea bass										
<i>Morone americana</i>	White perch	35	14	4	4	57	0	0	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	0	0	25	35	60	86	185	102	63	436
<i>Caranx hippos</i>	Creville jack	0	0	0	0	0	0	4	4	4	12
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0	0	0	4	4
<i>Stenotomus chrysops</i>	Scup										
<i>Bairdiella chrysura</i>	Silver perch										

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

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		June					July				
Month											
Week		1	2	3	4	Monthly	1	2	3	4	Monthly
Dates		28-3	4-10	11-17	18-24	Total	25-1	2-8	9-15	16-22	Total
Year		1979	1979	1979	1979		1979	1979	1979	1979	
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	4	25	29
<i>Leiostomus xanthurus</i>	Spot										
<i>Micropogon undulatus</i>	Atlantic croaker	4	0	0	0	4	0	0	0	0	0
<i>Tautoga onitis</i>	Tautog	0	0	0	0	0	0	0	0	0	0
<i>Mugil curema</i>	White mullet										
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0	0	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby										
<i>Astroscopus guttatus</i>	Northern stargazer										
<i>Hypsoblennius hentzi</i>	Feather blenny	4	4	0	0	8	0	0	0	0	0
<i>Parprilus tricanthus</i>	Butterfish										
<i>Prionotus carolinus</i>	Northern searobin										
<i>Prionotus evolans</i>	Striped searobin	0	0	0	0	0	0	0	0	28	28
<i>Myoxocephalus aeneus</i>	Grubby	0	0	4	0	4	0	0	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder	0	4	4	0	8	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	4	4	0	0	8	0	7	7	0	14
<i>Scophthalmus aquosus</i>	Windowpane	4	0	7	0	11	0	20	21	0	41
<i>Pseudopleuronectes americanus</i>	Winter flounder	11	25	102	0	138	4	36	99	11	150
<i>Trinectes maculatus</i>	Hogchoker	14	18	14	4	50	25	55	51	35	166
<i>Sphaeroides maculatus</i>	Northern puffer	7	4	4	0	15	0	4	28723	1193	29920
Total Given (including all impinged organisms, not just those for listed species)		1372	539	840	245	2996	334	1120	30616	3386	35456
Total Calculated (using "Total Given")		1364	540	827	244	2975	333	1095	30603	3368	35399
% represented by 100+ (Total Calculated/Total Given x 100)		99.42	100.19	98.45	99.59	99.30	99.70	97.77	99.96	99.47	99.84

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

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Month		June					July				
Week		1	2	3	4	Monthly	1	2	3	4	Monthly
Dates		28-3	4-10	11-17	18-24	Total	25-1	2-8	9-15	16-22	Total
Year		1979	1979	1979	1979		1979	1979	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa										
<i>Rhopilema verrilli</i>	a jellyfish	396	0	0	0	396	0	171	57	42	270
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	183	7	0	0	190
Polychaeta (class)	bristle worms	35	0	4	0	39	4	4	0	0	8
<i>Limulus polyphemus</i>	horseshoe crab	42	56	49	70	217	30	11	4	7	52
<i>Squilla empusa</i>	mantis shrimp										
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	14725	13972	6923	518	36138	724	350	231	91	1396
<i>Crangon septemspinosa</i>	Sand shrimp	63662	27580	125048	46	216336	79	342	6725	88	7234
<i>Cancer irroratus</i>	Rock crab	7	21	14	0	42	7	4	0	7	18
<i>Ovalipes ocellatus</i>	lady crab	11	11	14	14	50	43	53	22	11	129
<i>Portunus gibbesi</i>	a portunid crab										
<i>Callinectes sapidus</i>	Blue crab	3535	6430	6174	3276	19415	6920	42005	184926	55216	289067
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	0	0
Nemertea (phylum)	ribbon worms	0	0	0	0	0	0	0	0	4	4
Total Given (including all impinged organisms, not just those for		82432	48094	138254	3945	272725	7998	42950	191984	55493	298425
Total Calculated (using "Total Given")		82413	48070	138226	3924	272633	7990	42947	191965	55466	298368
% represented by 100+		99.98	99.95	99.98	99.47	99.97	99.90	99.99	99.99	99.95	99.98
Grand Total given		83804	48633	139094	4190	275721	8332	44070	222600	58879	333881
Grand Total calculated		83777	48610	139053	4168	275608	8323	44042	222568	58834	333767
% represented by 100+		99.97	99.95	99.97	99.47	99.96	99.89	99.94	99.99	99.92	99.97

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
(Table 13 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug 1978)

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		Month	August					
		Week	1	2	3	4	5	Monthly
		Dates	23-29	30-5	13-19	20-26	27-2	Total
		Year	1979	1979	1979	1979	1979	
<i>Anguilla rostrata</i>	American eel	7	19	76	0	28	130	
<i>Alosa aestivalis</i>	Blueback herring	7	19	6	30	17	79	
<i>Alosa pseudoharengus</i>	Aelwife	21	31	37	58	18	165	
<i>Alosa sapidissima</i>	American shad							
<i>Brevoortia tyrannus</i>	Atlantic menhaden	42	131	47	16	26	262	
<i>Anchoa mitchilli</i>	Bay anchovy	1302	5604	425	468	537	8336	
<i>Synodus foetens</i>	Inshore lizardfish							
<i>Opsanus tau</i>	Oyster toadfish	56	275	318	228	236	1113	
<i>Rissola marginata</i>	Striped cuskeel							
<i>Merluccius bilinearis</i>	Silver hake							
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0	0	
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0	0	0	
<i>Fundulus heteroclitus</i>	Mummichog	0	0	21	0	0	21	
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0	0	
<i>Menidia menidia</i>	Atlantic silverside	0	24	0	0	4	28	
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0	0	0	
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0	0	0	
<i>Syngnathus fuscus</i>	Northern pipefish	84	523	38	40	9	694	
<i>Centropristis striata</i>	Black sea bass							
<i>Morone americana</i>	White perch	0	0	86	0	0	86	
<i>Pomatomus saltatrix</i>	Bluefish	175	702	21	0	0	898	
<i>Caranx hippos</i>	Crevalle jack	0	24	238	0	0	262	
<i>Selene vomer</i>	Lookdown	7	35	0	5	4	51	
<i>Stenotomus chrysops</i>	Scup							
<i>Bairdiella chrysura</i>	Silver perch							

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
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		Month	August					
		Week	1	2	3	4	5	Monthly
		Dates	23-29	30-5	13-19	20-26	27-2	Total
		Year	1979	1979	1979	1979	1979	
<i>Cynoscion regalis</i>	Weakfish	70	80	94	149	182	575	
<i>Leiostomus xanthurus</i>	Spot							
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0	0	0	0	
<i>Tautoga onitis</i>	Tautog	0	0	0	0	0	0	
<i>Mugil curema</i>	White mullet							
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0	0	0	
<i>Gobiosoma boscii</i>	Naked goby							
<i>Astroscopus guttatus</i>	Northern stargazer							
<i>Hypsoblennius hentzi</i>	Feather blenny	0	29	0	0	4	33	
<i>Perprilus tricanthus</i>	Butterfish							
<i>Prionotus carolinus</i>	Northern searobin							
<i>Prionotus evolans</i>	Striped searobin	7	111	0	7	40	165	
<i>Myoxocephalus aeneus</i>	Grubby	0	0	9	0	0	9	
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0	0	
<i>Paralichthys dentatus</i>	Summer flounder	0	10	9	0	0	19	
<i>Scophthalmus aquosus</i>	Windowpane	0	29	0	0	0	29	
<i>Pseudopleuronectes americanus</i>	Winter flounder	42	360	9	0	0	411	
<i>Trinectes maculatus</i>	Hogchoker	70	97	35	0	7	209	
<i>Sphoeroides maculatus</i>	Northern puffer	2436	18265	203	32	131	21067	
Total Given (including all impinged organisms, not just those for listed species)		4333	26429	1672	1033	1266	34733	
Total Calculated (using "Total Given")		4326	26368	1672	1033	1243	34642	
% represented by 100+ (Total Calculated/Total Given x 100)		99.84	99.77	100.00	100.00	98.18	99.74	

Weekly estimated fishes and macroinvertebrates with 100 or more specimens impinged\* at OCGS from Sept. 1977 to Sept. 1978  
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		Month	August				
		Week	1	2	3	4	5
		Dates	23-29	30-5	13-19	20-26	27-2
		Year	1979	1979	1979	1979	1979
							Monthly Total
<i>Aequorea</i> spp.	a hydromedusa						
<i>Rhopilema verrilli</i>	a jellyfish	7	0	0	0	0	7
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0
Polychaeta (class)	bristle worms	0	0	0	0	4	4
<i>Limulus polyphemus</i>	horseshoe crab	21	0	0	0	4	25
<i>Squilla empusa</i>	mantis shrimp						
<i>Paneaus aztecus</i>	brown shrimp	0	0	0	16	17	33
<i>Palaemonetes vulgaris</i>	grass shrimp	14	193	86	0	0	293
<i>Crangon septemspinosa</i>	Sand shrimp	14	25	50	0	7	96
<i>Cancer irroratus</i>	Rock crab	0	0	0	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	21	35	36	26	96	214
<i>Portunus gibbesi</i>	a portunid crab						
<i>Callinectes sapidus</i>	Blue crab	154175	294819	41065	11329	16145	517533
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	33	33
Nemertea (phylum)	ribbon worms	0	0	0	0	0	0
Total Given (including all impinged organisms, not just those for			154259	295096	41237	11378	16308
Total Calculated (using "Total Given")			154252	295072	41237	11371	16306
% represented by 100+			100.00	99.99	100.00	99.94	99.99
Grand Total given			158592	321525	42910	12410	17574
Grand Total calculated			158578	321440	42909	12404	17549
% represented by 100+			99.99	99.97	100.00	99.95	99.86

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

		September				
Month		1	2	3	4	Monthly
Week						
Dates		4-10	11-17	18-24	25-1	Total
Year		1977	1977	1977	1977	
<i>Anguilla rostrata</i>	American eel	1.673	1.379	1.41	2.811	7.273
<i>Alosa aestivalis</i>	Blueback herring	1.988	0.046	0.049	0	2.083
<i>Alosa pseudoharengus</i>	Aelwife	0.123	0.046	0	1.008	1.177
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	5.369	2.629	1.295	2.3	11.593
<i>Anchoa mitchilli</i>	Bay anchovy	13.02	6.234	4.872	3.803	27.929
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0.972	2.083	3.055
<i>Opsanus tau</i>	Oyster toadfish	5.352	2.436	8.222	4.121	20.131
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	0	0	0	0



Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

		September				
Month		1	2	3	4	Monthly
Week		1	2	3	4	Total
Dates		4-10	11-17	18-24	25-1	
Year		1977	1977	1977	1977	
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0.007	0.007
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0	0	0
<i>Membras martinica</i>	Rough silverside	0.133	0.427	0.234	0.462	1.256
<i>Menidia menidia</i>	Atlantic silverside	0.054	0.018	0.078	0.056	0.206
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	0.102	0.007	0.007	0.035	0.151
<i>Centropomus striata</i>	Black sea bass	0	0	0	0	0
<i>Morone americana</i>	White perch	0	0	1.061	0	1.061
<i>Pomatomus saltatrix</i>	Bluefish	1.666	2.685	1.299	3.224	8.874
<i>Caranx hippos</i>	Crevalle jack	0.018	0.011	0.308	0.026	0.363
<i>Selene vomer</i>	Lookdown	2.651	2.167	3.707	3.846	12.371
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0.063	0.063	0.028	0.557	0.711

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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	Month	September				Monthly Total
		1	2	3	4	
		4-10	11-17	18-24	25-1	
		1977	1977	1977	1977	
<i>Cynoscion regalis</i>	Weakfish	2.25	2.244	1.123	12.821	18.438
<i>Leiostomus xanthurus</i>	Spot	1.298	0.721	2.348	2.298	6.665
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0	0	0
<i>Tautoga onitis</i>	Tautog	0	0	0	0	0
<i>Mugil curema</i>	White mullet	0	0.382	2.959	1.682	5.023
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	0	0	0	0	0
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0	0	0
<i>Perprilus tricanthus</i>	Butterfish	0	0	0	0.007	0.007
<i>Prionotus carolinus</i>	Northern searobin	0.021	0.007	2.22	5.152	7.4
<i>Prionotus evolans</i>	Striped searobin	0.501	0.186	0.081	6.975	7.743
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	3.132	6.034	1.818	17.18	28.164
<i>Scophthalmus aquosus</i>	Windowpane	0	1.082	0.459	0	1.541
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0.229	0	0.229
<i>Trinectes maculatus</i>	Hogchoker	0.329	0.448	0.616	1.19	2.583
<i>Sphoeroides maculatus</i>	Northern puffer	2.692	0.088	2.115	5.01	9.905
Total Given (including all impinged organisms, not just those for listed species)		47.73	34.342	38.586	82.22	202.878
Total Calculated (using "Total Given")		42.435	29.34	37.51	76.654	185.939
% represented by 100+ (Total Calculated/Total Given x 100)		88.91	85.43	97.21	93.23	91.65

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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		September				
Month		1	2	3	4	Monthly
Week		4-10	11-17	18-24	25-1	Total
Dates		4-10	11-17	18-24	25-1	Total
Year		1977	1977	1977	1977	
<i>Aequorea</i> spp.	a hydromedusa	0	0.312	5.719	6.944	12.975
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0
Polychaeta (class)	bristle worms	0	0	0	0	0
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	0
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0.014	0.067	0.217	0.429	0.727
<i>Palaemonetes vulgaris</i>	grass shrimp	0	0.004	0.004	0	0.008
<i>Crangon septemspinosa</i>	Sand shrimp	0.007	0.014	0.011	0	0.032
<i>Cancer irroratus</i>	Rock crab	0	0	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	0.331	0.144	0.556	1.781	2.812
<i>Portunus gibbesi</i>	a portunid crab	0	0.011	0	0	0.011
<i>Callinectes sapidus</i>	Blue crab	235.362	205.051	259.985	341.916	1042.314
<i>Callinectes similis</i>	Lesser blue crab	4.091	1.6	3.836	3.726	13.253
Nemertea (phylum)	ribbon worms	0	0	0	0	0
Total Given (including all impinged organisms, not just those for listed species)		241.136	207.2	270.43	354.798	1073.564
Total Calculated (using "Total Given")		239.805	207.203	270.328	354.796	1072.132
% represented by 100+ (Total Calculated/Total Given x 100)		99.45	100.00	99.96	100.00	99.87
Grand Total given		288.866	241.542	309.016	437.017	1276.441
Grand Total calculated		282.24	236.543	307.838	431.45	1258.071
% represented by 100+		97.71	97.93	99.62	98.73	98.56

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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		Month		October				
		Week		1	2	3	4	Monthly
		Dates		2-8	9-15	16-22	23-29	Total
		Year		1977	1977	1977	1977	
<i>Anguilla rostrata</i>	American eel		0	0	0	0	0	0
<i>Alosa aestivalis</i>	Blueback herring		0	0.06	0.959	0.081	1.1	
<i>Alosa pseudoharengus</i>	Aelwife	0.081	0.308	2.786	0.446	3.621		
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0		
<i>Brevoortia tyrannus</i>	Atlantic menhaden	2.293	41.786	1822.429	7.941	1874.449		
<i>Anchoa mitchilli</i>	Bay anchovy	8.347	46.597	20.619	0.656	76.219		
<i>Synodus foetens</i>	Inshore lizardfish	6.022	4.591	0.154	0	10.767		
<i>Opsanus tau</i>	Oyster toadfish	10.934	2.909	16.665	9.246	39.754		
<i>Rissola marginata</i>	Striped cuskeel	0	0	0.41	0.34	0.75		
<i>Merluccius bilinearis</i>	Silver hake	0	0	0	0	0		

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
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		October				
Month		1	2	3	4	Monthly
Week		1	2	3	4	Total
Dates		2-8	9-15	16-22	23-29	
Year		1977	1977	1977	1977	
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0.053	0.007	0.06
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0.095	0.096	0.191
<i>Membras martinica</i>	Rough silverside	0.011	0.112	0.011	0	0.134
<i>Menidia menidia</i>	Atlantic silverside	0.021	0.06	1.575	2.042	3.698
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0.015	0.015
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	0.2	2.551	2.664	1.154	6.569
<i>Centropristis striata</i>	Black sea bass	0	0.011	1.964	0	1.975
<i>Morone americana</i>	White perch	0.242	2.443	2.73	1.144	6.559
<i>Pomatomus saltatrix</i>	Bluefish	2.178	51.304	26.289	0.812	80.583
<i>Caranx hippos</i>	Crevalle jack	0.735	4.789	0	0.361	5.885
<i>Selene vomer</i>	Lookdown	2.547	5.801	0.536	0.942	9.826
<i>Stenotomus chrysops</i>	Scup	0	0	3.455	0	3.455
<i>Bairdiella chrysura</i>	Silver perch	0.053	2.478	9.552	0.994	13.077

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
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		Month	October				
		Week	1	2	3	4	Monthly
		Dates	2-8	9-15	16-22	23-29	Total
		Year	1977	1977	1977	1977	
<i>Cynoscion regalis</i>	Weakfish	4.633	76.812	204.169	5.603	291.217	
<i>Leiostomus xanthurus</i>	Spot	3.035	23.804	513.149	14.638	554.626	
<i>Micropogon undulatus</i>	Atlantic croaker	0.399	0	0.007	0	0.406	
<i>Tautoga onitis</i>	Tautog	0	2.076	9.538	8.034	19.648	
<i>Mugil curema</i>	White mullet	0.126	0.966	2.548	0	3.64	
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0	0	
<i>Gobiosoma boscii</i>	Naked goby	0	0.021	0	0	0.021	
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0.151	0	0.151	
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0.28	0.434	0.088	0.802	
<i>Parprilus tricanthus</i>	Butterfish	0	0	5.457	0	5.457	
<i>Prionotus carolinus</i>	Northern searobin	4.417	3.528	2.951	0	10.896	
<i>Prionotus evolans</i>	Striped searobin	9.701	15.241	2.38	0.57	27.892	
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0	0	0	
<i>Etropus microstomus</i>	Smallmouth flounder	0	0.123	0	0	0.123	
<i>Paralichthys dentatus</i>	Summer flounder	34.007	96.732	66.28	1.609	198.628	
<i>Scophthalmus aquosus</i>	Windowpane	0.214	0.987	7.97	0.133	9.304	
<i>Pseudopleuronectes americanus</i>	Winter flounder	3.063	13.573	28.742	25.437	70.815	
<i>Trinectes maculatus</i>	Hogchoker	2.86	6.066	3.92	2.056	14.902	
<i>Sphoeroides maculatus</i>	Northern puffer	15.505	3.419	0.802	0	19.726	
Total Given (including all impinged organisms, not just those for listed species)		115.975	415.11	2769.981	87.603	3388.669	
Total Calculated (using "Total Given")		111.624	409.428	2761.444	84.445	3366.941	
% represented by 100+ (Total Calculated/Total Given x 100)		96.25	98.63	99.69	96.40	99.36	

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
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		Month	October				
		Week	1	2	3	4	Monthly
		Dates	2-8	9-15	16-22	23-29	Total
		Year	1977	1977	1977	1977	
<i>Aequorea</i> spp.	a hydromedusa	0.333	2.58	2.548	0.063	5.524	
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0	
<i>Cyanea capillata</i>	Lion's mane jellyfish	0.623	1.413	7.893	0	9.929	
<i>Polychaeta</i> (class)	bristle worms	0	0.018	0.035	0	0.053	
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	0	
<i>Squilla empusa</i>	mantis shrimp	0	0.088	0.154	0	0.242	
<i>Panaeus aztecus</i>	brown shrimp	0.489	4.331	1.439	1.323	7.582	
<i>Palaemonetes vulgaris</i>	grass shrimp	0.011	0.025	1.089	0.087	1.212	
<i>Crangon septemspinosa</i>	Sand shrimp	0.061	0.805	3.133	0.151	4.15	
<i>Cancer irroratus</i>	Rock crab	0	0	0	0	0	
<i>Ovalipes ocellatus</i>	lady crab	1.4	1.654	1.281	1.527	5.862	
<i>Portunus gibbesi</i>	a portunid crab	0	0.413	0.067	0.14	0.62	
<i>Callinectes sapidus</i>	Blue crab	216.467	463.514	414.54	97.977	1192.498	
<i>Callinectes similis</i>	Lesser blue crab	0.634	1.142	0.557	0.066	2.399	
Nemertea (phylum)	ribbon worms	0	0.224	0.011	0.025	0.26	
Total Given (including all impinged organisms, not just those for listed species)		220.141	476.228	433.188	103.07	1232.627	
Total Calculated (using "Total Given")		220.018	476.207	432.747	101.359	1230.331	
% represented by 100+ (Total Calculated/Total Given x 100)		99.94	100.00	99.90	98.34	99.81	
Grand Total given		336.116	891.338	3203.169	190.673	4621.296	
Grand Total calculated		331.642	885.635	3194.191	185.804	4597.272	
% represented by 100+		98.67	99.36	99.72	97.45	99.48	



Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
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		November				
Month						
Week		1	2	3	4	Monthly
Dates		30-5	6-12	13-19	20-26	Total
Year		1977	1977	1977	1977	
<i>Anguilla rostrata</i>	American eel	0	2.002	1.162	3.133	6.297
<i>Alosa aestivalis</i>	Blueback herring	0.973	9.163	8.513	1.416	20.065
<i>Alosa pseudoharengus</i>	Aelwife	9.856	5.677	24.271	4.14	43.944
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	62.108	168.473	211.289	77.493	519.363
<i>Anchoa mitchilli</i>	Bay anchovy	13.468	3.483	1.342	1.245	19.538
<i>Synodus foetens</i>	Inshore lizardfish	4.788	2.702	0.369	0.025	7.884
<i>Opsanus tau</i>	Oyster toadfish	9.041	4.263	9.531	0.291	23.126
<i>Rissola marginata</i>	Striped cuskeel	0.291	0.805	0.546	0.35	1.992
<i>Merluccius bilinearis</i>	Silver hake	0	0	0.368	0	0.368

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		Month		November			
		Week	1	2	3	4	Monthly
		Dates	30-5	6-12	13-19	20-26	Total
		Year	1977	1977	1977	1977	
<i>Urophycis chuss</i>	Red hake		0.091	0.777	0.677	1.017	2.562
<i>Cyprinodon variegatus</i>	Sheepshead minnow		0	0.049	0.004	0.051	0.104
<i>Fundulus heteroclitus</i>	Mummichog		0	0.063	0.165	0.066	0.294
<i>Membras martinica</i>	Rough silverside		0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside		3.759	7.812	20.096	15.024	46.691
<i>Apeltes quadracus</i>	Fourspine stickleback		0.004	0.007	0.186	0.042	0.239
<i>Gasterosteus aculeatus</i>	Threespine stickleback		0	0	0	0.027	0.027
<i>Syngnathus fuscus</i>	Northern pipefish		2.867	1.246	3.041	1.571	8.725
<i>Centropristis striata</i>	Black sea bass		0.067	0.056	0.021	0.049	0.193
<i>Morone americana</i>	White perch		4.604	0.402	6.231	2.858	14.095
<i>Pomatomus saltatrix</i>	Bluefish		2.114	9.041	13.786	0	24.941
<i>Caranx hippos</i>	Crevalle jack		0	0	0	0	0
<i>Selene vomer</i>	Lookdown		0.767	0.802	0	0.018	1.587
<i>Stenotomus chrysops</i>	Scup		0.76	0	0	0	0.76
<i>Bairdiella chrysura</i>	Silver perch		1.81	2.45	2.726	1.182	8.168

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
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	Month	November				
		1	2	3	4	Monthly
		Dates	Dates	Dates	Dates	Total
		30-5	6-12	13-19	20-26	
	Year	1977	1977	1977	1977	
<i>Cynoscion regalis</i>	Weakfish	8.953	10.675	20.549	0.161	40.338
<i>Leiostomus xanthurus</i>	Spot	27.178	26.24	777.854	132.975	964.247
<i>Micropogon undulatus</i>	Atlantic croaker	0.098	0.378	0.148	0.035	0.659
<i>Tautoga onitis</i>	Tautog	8.743	87.794	23.258	83.246	203.041
<i>Mugil curema</i>	White mullet	0.347	0.063	0.572	0.228	1.21
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	0.004	0	0	0.011	0.015
<i>Astroscopeus guttatus</i>	Northern stargazer	0.462	0	3.917	0	4.379
<i>Hypsoblennius hentzi</i>	Feather blenny	0.595	0.48	1.196	0.494	2.765
<i>Perprilus tricanthus</i>	Butterfish	0.004	1.075	0.914	0	1.993
<i>Prionotus carolinus</i>	Northern searobin	5.425	2.107	1.558	1.344	10.434
<i>Prionotus evolans</i>	Striped searobin	7.728	5.128	2.438	0.768	16.062
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder	0.844	1.379	0.917	1.48	4.62
<i>Paralichthys dentatus</i>	Summer flounder	26.866	3.346	3.952	1.012	35.176
<i>Scophthalmus aquosus</i>	Windowpane	4.529	0.725	1.074	0.714	7.042
<i>Pseudopleuronectes americanus</i>	Winter flounder	92.68	104.031	203.054	167.737	567.502
<i>Trinectes maculatus</i>	Hogchoker	1.873	2.968	3.458	2.664	10.963
<i>Sphaeroides maculatus</i>	Northern puffer	0	0.536	0.593	0.308	1.437
Total Given (including all impinged organisms, not just those for listed species)		304.812	473.83	1369.896	503.795	2652.333
Total Calculated (using "Total Given")		303.697	466.198	1349.776	503.175	2622.846
% represented by 100+						
(Total Calculated/Total Given x 100)		99.63	98.39	98.53	99.88	98.89

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

\*\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

		November				
Month		1	2	3	4	Monthly
Week		1	2	3	4	Total
Dates		30-5	6-12	13-19	20-26	
Year		1977	1977	1977	1977	
<i>Aequorea</i> spp.	a hydromedusa	0	0	0.077	0	0.077
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0
<i>Cyanea capillata</i>	Lion's mane jellyfish	3.178	0.991	0	0	4.169
Polychaeta (class)	bristle worms	0.199	0.214	0.224	0.17	0.807
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	0
<i>Squilla empusa</i>	mantis shrimp	1.544	0.987	0.704	0.042	3.277
<i>Panaeus aztecus</i>	brown shrimp	4.722	16.947	7.92	0.115	29.704
<i>Palaemonetes vulgaris</i>	grass shrimp	3.416	18.515	6.717	9.079	37.727
<i>Crangon septemspinosa</i>	Sand shrimp	38.749	44.447	25.556	68.369	177.121
<i>Cancer irroratus</i>	Rock crab	0	0	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	9.569	7.095	10.151	7.227	34.042
<i>Portunus gibbesi</i>	a portunid crab	2.412	0.819	0.375	0	3.606
<i>Callinectes sapidus</i>	Blue crab	285.205	466.75	44.311	16.514	812.78
<i>Callinectes similis</i>	Lesser blue crab	1.463	2.821	0.144	0	4.428
Nemertea (phylum)	ribbon worms	0.473	0.287	0.203	0.399	1.362
Total Given (including all impinged organisms, not just those for listed species)		350.858	560.63	97.295	101.915	1110.698
Total Calculated (using "Total Given")		350.93	559.873	96.382	101.915	1109.1
% represented by 100+						
(Total Calculated/Total Given x 100)		100.02	99.86	99.06	100.00	99.86
Grand Total given		655.669	1034.46	1467.191	605.71	3763.03
Grand Total calculated		654.627	1026.071	1446.158	605.09	3731.946
% represented by 100+		99.84	99.19	98.57	99.90	99.17

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

\*\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

		December					
Month							
Week		1	2	3	4	5	Monthly
Dates		27-3	4-10	11-17	18-24	25-31	Total
Year		1977	1977	1977	1977	1977	
<i>Anguilla rostrata</i>	American eel	0.098	0.788	0	1.348	0.245	2.479
<i>Alosa aestivalis</i>	Blueback herring	7.066	44.875	1.128	5.037	75.235	133.341
<i>Alosa pseudoharengus</i>	Aelwife	0.731	1.775	0.105	0.682	2.484	5.777
<i>Alosa sapidissima</i>	American shad	0	0	0	0.137	4.732	4.869
<i>Brevoortia tyrannus</i>	Atlantic menhaden	107.959	114.767	8.249	10.286	41.433	282.694
<i>Anchoa mitchilli</i>	Bay anchovy	2.787	0.904	0.219	0.028	0.169	4.107
<i>Synodus foetens</i>	Inshore lizardfish	0.011	0	0	0	0	0.011
<i>Opsanus tau</i>	Oyster toadfish	0.046	0.014	0.007	0	0.004	0.071
<i>Rissola marginata</i>	Striped cuskeel	0	0.949	0.14	0	0	1.089
<i>Merluccius bilinearis</i>	Silver hake	0.848	5.268	0.482	0.835	0.517	7.95

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

		December					
Month							Monthly Total
Week		1	2	3	4	5	
Dates		27-3	4-10	11-17	18-24	25-31	
Year		1977	1977	1977	1977	1977	
<i>Urophycis chuss</i>	Red hake	0.641	5.08	0.548	0.55	1.306	8.125
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0.276	0.554	0.116	0.158	0.043	1.147
<i>Fundulus heteroclitus</i>	Mummichog	0.053	0.048	0.049	0.07	0.014	0.234
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	16.279	45.82	24.647	15.071	58.91	160.727
<i>Apeltes quadracus</i>	Fourspine stickleback	0.101	0.035	0.092	0.089	0.154	0.471
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0.06	0	0.039	0.719	0.818
<i>Syngnathus fuscus</i>	Northern pipefish	4.971	2.556	1.299	0.279	0.433	9.538
<i>Centropristis striata</i>	Black sea bass	2.002	0	0	0	0	2.002
<i>Morone americana</i>	White perch	0.847	2.785	1.256	5.653	2.065	12.606
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup	0.833	0	0	0	0	0.833
<i>Bairdiella chrysura</i>	Silver perch	1.772	1	0	0	0	2.772

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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		December					
Month		1	2	3	4	5	Monthly
Week							
Dates		27-3	4-10	11-17	18-24	25-31	Total
Year		1977	1977	1977	1977	1977	
<i>Cynoscion regalis</i>	Weakfish	2.202	0.606	0	0	0	2.808
<i>Leiostomus xanthurus</i>	Spot	15.183	31.369	2.29	8.798	0.245	57.885
<i>Micropogon undulatus</i>	Atlantic croaker	0.007	0.076	0.084	0.025	0.018	0.21
<i>Tautoga onitis</i>	Tautog	20.034	16.863	19.299	6.54	3.937	66.673
<i>Mugil curema</i>	White mullet	0	0	0	0	0	0
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0	0.011	0.011
<i>Gobiosoma boscii</i>	Naked goby	0	0	0	0	0	0
<i>Astroscopus guttatus</i>	Northern stargazer	0.081	0.077	0	0	0	0.158
<i>Hypsoblennius hentzi</i>	Feather blenny	0.039	0	0	0	0	0.039
<i>Parprilus tricanthus</i>	Butterfish	1.036	0.893	0	0	0	1.929
<i>Prionotus carolinus</i>	Northern searobin	0.539	0.032	0.525	0	0	1.096
<i>Prionotus evolans</i>	Striped searobin	0.371	0.119	0.102	0.081	0	0.673
<i>Myoxocephalus aeneus</i>	Grubby	0	0.452	0.289	0.375	2.116	3.232
<i>Etropus microstomus</i>	Smallmouth flounder	4.161	4.408	1.585	0.543	0.141	10.838
<i>Paralichthys dentatus</i>	Summer flounder	0.487	0.147	0	0.069	0	0.703
<i>Scophthalmus aquosus</i>	Windowpane	2.664	3.052	0.98	0.781	1.121	8.598
<i>Pseudopleuronectes americanus</i>	Winter flounder	103.605	367.527	59.548	536.94	250.251	1317.871
<i>Trinectes maculatus</i>	Hogchoker	1.505	0.161	0	0	0	1.666
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0
Total Given (including all impinged organisms, not just those for listed species)		299.418	654.132	124.322	594.903	447.951	2120.726
Total Calculated (using "Total Given")		299.235	653.06	123.039	594.414	446.303	2116.051
% represented by 100+							
(Total Calculated/Total Given x 100)		99.94	99.84	98.97	99.92	99.63	99.78



Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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		December					
Month		1	2	3	4	5	Monthly
Week		1	2	3	4	5	Total
Dates		27-3	4-10	11-17	18-24	25-31	
Year		1977	1977	1977	1977	1977	
<i>Aequorea</i> spp.	a hydromedusa	0	0.07	0	0	0	0.07
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0	0
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0
Polychaeta (class)	bristle worms	2.619	12.909	1.696	5.805	0.151	23.18
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	0	0
<i>Squilla empusa</i>	mantis shrimp	0.137	0	0	0	0	0.137
<i>Panaeus aztecus</i>	brown shrimp	0.014	0.035	0	0	0	0.049
<i>Palaemonetes vulgaris</i>	grass shrimp	45.702	19.629	3.287	7.722	4.491	80.831
<i>Crangon septemspinosa</i>	Sand shrimp	427.396	603.971	621.672	162.5	432.603	2248.142
<i>Cancer irroratus</i>	Rock crab	0.904	0.067	0.088	0.102	0.833	1.994
<i>Ovalipes ocellatus</i>	lady crab	4.659	1.577	0.004	0	0	6.24
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	1.24	0.228	0	0.039	0.008	1.515
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0
Nemertea (phylum)	ribbon worms	3.199	0.571	0.06	0.214	0.035	4.079
<b>Total Given (including all impinged organisms, not just those for listed species)</b>		<b>485.869</b>	<b>639.056</b>	<b>627.056</b>	<b>176.495</b>	<b>438.121</b>	<b>2366.597</b>
<b>Total Calculated (using "Total Given")</b>		<b>485.87</b>	<b>639.057</b>	<b>626.807</b>	<b>176.382</b>	<b>438.121</b>	<b>2366.237</b>
<b>% represented by 100+</b>							
<b>(Total Calculated/Total Given x 100)</b>		<b>100.00</b>	<b>100.00</b>	<b>99.96</b>	<b>99.94</b>	<b>100.00</b>	<b>99.98</b>
<b>Grand Total given</b>		<b>785.287</b>	<b>1293.188</b>	<b>751.378</b>	<b>771.398</b>	<b>886.071</b>	<b>4487.322</b>
<b>Grand Total calculated</b>		<b>785.105</b>	<b>1292.117</b>	<b>749.846</b>	<b>770.796</b>	<b>884.424</b>	<b>4482.288</b>
<b>% represented by 100+</b>		<b>99.98</b>	<b>99.92</b>	<b>99.80</b>	<b>99.92</b>	<b>99.81</b>	<b>99.89</b>

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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		January				
Month		1	2	3	4	Monthly
Week		1	2	3	4	Total
Dates		1-7	8-14	15-21	22-28	
Year		1978	1978	1978	1978	
<i>Anguilla rostrata</i>	American eel	0	0	0	0	0
<i>Alosa aestivalis</i>	Blueback herring	5.352	4.049	0.105	0	9.506
<i>Alosa pseudoharengus</i>	Aelwife	1.334	1.596	0	0	2.93
<i>Alosa sapidissima</i>	American shad	2.212	1.101	0	0	3.313
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.956	6.956	0	0	7.912
<i>Anchoa mitchilli</i>	Bay anchovy	0.343	0	0.012	0	0.355
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	0	0	0	0	0
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0.427	0.084	0	0	0.511

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
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		January				
Month						Monthly
Week		1	2	3	4	
Dates		1-7	8-14	15-21	22-28	Total
Year		1978	1978	1978	1978	
<i>Urophycis chuss</i>	Red hake	0.544	1.644	0.053	0	2.241
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0.098	0.032	0.028	0	0.158
<i>Fundulus heteroclitus</i>	Mummichog	0.014	0.013	0	0	0.027
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	13.968	63.757	2.383	0.56	80.668
<i>Apeltes quadracus</i>	Fourspine stickleback	0.223	0.269	0.735	0.861	2.088
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.219	0.272	0.128	0.042	0.661
<i>Syngnathus fuscus</i>	Northern pipefish	0.387	0.198	0.081	0.049	0.715
<i>Centropomus striata</i>	Black sea bass	0	0	0	0	0
<i>Morone americana</i>	White perch	9.793	3.107	0.162	0	13.062
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0
<i>Sternotomus chrysops</i>	Scup	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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		January				
Month		1	2	3	4	Monthly
Week		1	2	3	4	Total
Dates		1-7	8-14	15-21	22-28	
Year		1978	1978	1978	1978	
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0.084	0.302	0	0	0.386
<i>Micropogon undulatus</i>	Atlantic croaker	0.056	0.007	0.004	0	0.067
<i>Tautoga onitis</i>	Tautog	0	1.089	0	0.763	1.852
<i>Mugil curema</i>	White mullet	0	0.574	0	0	0.574
<i>Ammodytes</i> sp.	Sand lance	0.011	0.049	0.039	0.028	0.127
<i>Gobiosoma boscii</i>	Naked goby	0	0	0.127	0.007	0.134
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0.063	0	0.063
<i>Pariprius tricanthus</i>	Butterfish	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	3.624	2.556	2.553	1.442	10.175
<i>Etropus microstomus</i>	Smallmouth flounder	1.061	0.081	0	0	1.142
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0.098	0.538	0.008	0	0.644
<i>Pseudopleuronectes americanus</i>	Winter flounder	245.977	1695.141	166.01	72.086	2179.214
<i>Trinectes maculatus</i>	Hogchoker	0	0	0	0	0
<i>Sphaeroides maculatus</i>	Northern puffer	0	0	0	0	0
<b>Total Given (including all impinged organisms, not just those for listed species)</b>		<b>287.098</b>	<b>1783.469</b>	<b>172.489</b>	<b>75.838</b>	<b>2318.894</b>
<b>Total Calculated (using "Total Given")</b>		<b>286.781</b>	<b>1783.415</b>	<b>172.491</b>	<b>75.838</b>	<b>2318.525</b>
<b>% represented by 100+</b>						
<b>(Total Calculated/Total Given x 100)</b>		<b>99.89</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>99.98</b>

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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		January				
Month		1	2	3	4	Monthly
Week		1	2	3	4	Total
Dates		1-7	8-14	15-21	22-28	
Year		1978	1978	1978	1978	
<i>Aequorea</i> spp.	a hydromedusa	0	0	0	0	0
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0
Polychaeta (class)	bristle worms	0.11	0.306	0.192	0.042	0.65
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	0
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	13.701	3.82	3.666	1.806	22.993
<i>Crangon septemspinosa</i>	Sand shrimp	337.458	117.47	228.129	81.2	764.257
<i>Cancer irroratus</i>	Rock crab	0.763	0.254	0.517	0.686	2.22
<i>Ovalipes ocellatus</i>	lady crab	0	0	0	0	0
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	0.438	0	0.084	0	0.522
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0
Nemertea (phylum)	ribbon worms	0.015	0.053	0	0	0.068
Total Given (including all impinged organisms, not just those for listed species)		352.485	121.902	228.129	83.734	786.25
Total Calculated (using "Total Given")		352.485	121.903	232.588	83.734	790.71
% represented by 100+						
(Total Calculated/Total Given x 100)		100.00	100.00	101.95	100.00	100.57
Grand Total given		639.588	1905.371	405.125	159.572	3109.656
Grand Total calculated		639.266	1905.318	405.079	159.572	3109.235
% represented by 100+		99.95	100.00	99.99	100.00	99.99

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

\*\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

		February				
Month		1	2	3	4	Monthly
Week		1	2	3	4	
Dates		29-4	5-11	12-18	19-25	Total
Year		1978	1978	1978	1978	
<i>Anguilla rostrata</i>	American eel	0.005	0.242	0	0.364	0.611
<i>Alosa aestivalis</i>	Blueback herring	0	0.011	0.018	0	0.029
<i>Alosa pseudoharengus</i>	Aelwife	0	0	0	0	0
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	0	0	0	0	0
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	0.014	0	0	0	0.014
<i>Rissola marginata</i>	Striped cuskeel	0	0	0.199	0	0.199
<i>Merluccius bilinearis</i>	Silver hake	0	0	0	0	0

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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		February				
Month						Monthly
Week		1	2	3	4	
Dates		29-4	5-11	12-18	19-25	Total
Year		1978	1978	1978	1978	
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0.055	0	0.055
<i>Fundulus heteroclitus</i>	Mummichog	0	0.018	0.021	0.028	0.067
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	0.453	0.175	0.959	1.729	3.316
<i>Apeltes quadracus</i>	Fourspine stickleback	0.406	0.085	0.197	0.151	0.839
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.025	0.077	0.058	0.046	0.206
<i>Syngnathus fuscus</i>	Northern pipefish	0.017	0.007	0.031	0.014	0.069
<i>Centropristis striata</i>	Black sea bass	0	0	0	0	0
<i>Morone americana</i>	White perch	0.753	0	0	0.196	0.949
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0
<i>Caranx hippos</i>	Crevale jack	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0



Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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	Month	February				Monthly Total
	Week	1	2	3	4	
	Dates	29-4	5-11	12-18	19-25	
	Year	1978	1978	1978	1978	
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0	0.007	0	0.004	0.011
<i>Tautoga onitis</i>	Tautog	0	0	0	0	0
<i>Mugil curema</i>	White mullet	0	0	0	0	0
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0.004	0.004
<i>Gobiosoma boscii</i>	Naked goby	0	0	0.008	0	0.008
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0	0	0
<i>Perprilus tricanthus</i>	Butterfish	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	0.938	0.154	0.463	0.095	1.65
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0	0	0	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	35.22	42.343	69.165	29.208	175.936
<i>Trinectes maculatus</i>	Hogchoker	0	0	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0
Total Given (including all impinged organisms, not just those for listed species)		37.831	43.117	71.223	31.857	184.028
Total Calculated (using "Total Given")		37.831	43.119	71.174	31.839	183.963
% represented by 100+ (Total Calculated/Total Given x 100)		100.00	100.00	99.93	99.94	99.96

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

		February				
Month		1	2	3	4	Monthly
Week						
Dates		29-4	5-11	12-18	19-25	Total
Year		1978	1978	1978	1978	
<i>Aequorea</i> spp.	a hydromedusa	0	0	0	0	0
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0
Polychaeta (class)	bristle worms	0.21	0	0.127	0.028	0.365
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	0
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	4.691	3.123	6.982	1.274	16.07
<i>Crangon septemspinosa</i>	Sand shrimp	79.718	35.572	43.241	19.397	177.928
<i>Cancer irroratus</i>	Rock crab	0	0	0.795	0	0.795
<i>Ovalipes ocellatus</i>	lady crab	0	0	0	0	0
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	0.042	0	0	0	0.042
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0
Nemertea (phylum)	ribbon worms	0	0	0	0	0
<b>Total Given (including all impinged organisms, not just those for listed species)</b>		<b>84.661</b>	<b>38.695</b>	<b>51.149</b>	<b>20.703</b>	<b>195.208</b>
<b>Total Calculated (using "Total Given")</b>		<b>84.661</b>	<b>38.695</b>	<b>51.145</b>	<b>20.699</b>	<b>195.2</b>
<b>% represented by 100+</b>						
<b>(Total Calculated/Total Given x 100)</b>		<b>100.00</b>	<b>100.00</b>	<b>99.99</b>	<b>99.98</b>	<b>100.00</b>
<b>Grand Total given</b>		<b>122.491</b>	<b>81.813</b>	<b>122.372</b>	<b>52.56</b>	<b>379.236</b>
<b>Grand Total calculated</b>		<b>122.492</b>	<b>81.814</b>	<b>122.319</b>	<b>52.538</b>	<b>379.163</b>
<b>% represented by 100+</b>		<b>100.00</b>	<b>100.00</b>	<b>99.96</b>	<b>99.96</b>	<b>99.98</b>

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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		March					
Month							
Week		1	2	3	4	5	Monthly
Dates		26-4	5-11	12-18	19-25	26-1	Total
Year		1978	1978	1978	1978	1978	
<i>Anguilla rostrata</i>	American eel	0.253	0.858	0.595	1.575	0	3.281
<i>Alosa aestivalis</i>	Blueback herring	0.042	0.088	0.423	1.334	0.44	2.327
<i>Alosa pseudoharengus</i>	Aelwife	0	0	4.948	4.457	1.684	11.089
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0.795	0	0	0.795
<i>Anchoa mitchilli</i>	Bay anchovy	0	0	0	0	0	0
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	0.004	0.007	0	0	0.007	0.018
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	0	0	0	0	0

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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		March					
Month							Monthly
Week		1	2	3	4	5	Total
Dates		26-4	5-11	12-18	19-25	26-1	
Year		1978	1978	1978	1978	1978	
<i>Urophycis chuss</i>	Red hake	0	0.046	0.042	0.049	0	0.137
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0.004	0.007	0	0.039	0	0.05
<i>Fundulus heteroclitus</i>	Mummichog	0	0.042	0.021	0.292	0.144	0.499
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	1.425	2.657	5.427	2.182	1.052	12.743
<i>Apeltes quadracus</i>	Fourspine stickleback	0.007	0.046	0.171	0.543	0.311	1.078
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.132	0.84	0.952	0.693	0.085	2.702
<i>Syngnathus fuscus</i>	Northern pipefish	0.014	0.004	0.022	0.183	0.698	0.921
<i>Centropomus striata</i>	Black sea bass	0	0	0	0	0	0
<i>Morone americana</i>	White perch	0	0.077	0.547	0.046	1.365	2.035
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0
<i>Caranx hippos</i>	Crevalee jack	0	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
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		March					
Month							Monthly
Week		1	2	3	4	5	Total
Dates		26-4	5-11	12-18	19-25	26-1	
Year		1978	1978	1978	1978	1978	
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0.074	0	0.191	0.158	0.053	0.476
<i>Micropogon undulatus</i>	Atlantic croaker	0.004	0	0.044	0	0	0.048
<i>Tautoga onitis</i>	Tautog	0	0.823	0	0	0.014	0.837
<i>Mugil curema</i>	White mullet	0	0.648	0.883	0	0	1.531
<i>Ammodytes</i> sp.	Sand lance	0	0.007	0.039	0	0	0.046
<i>Gobiosoma boscii</i>	Naked goby	0.004	0	0	0	0	0.004
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0	0	0	0
<i>Perprilus tricanthus</i>	Butterfish	0	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	0	0.067	0.039	0.031	0	0.137
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0	0	0	2.541	0.004	2.545
<i>Pseudopleuronectes americanus</i>	Winter flounder	21.356	25.197	124.708	15.763	28.26	215.284
<i>Trinectes maculatus</i>	Hogchoker	0	0	0	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0
Total Given (including all impinged organisms, not just those for listed species)		23.331	31.479	140.479	29.883	35.446	260.618
Total Calculated (using "Total Given")		23.319	31.414	139.847	29.886	34.117	258.583
% represented by 100+							
(Total Calculated/Total Given x 100)		99.95	99.79	99.55	100.01	96.25	99.22

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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rather than grams (as the original table)

	Month	March					Monthly		
		Week	1	2	3	4		5	
		Dates	26-4	5-11	12-18	19-25		26-1	Total
		Year	1978	1978	1978	1978		1978	
<i>Aequorea</i> spp.	a hydromedusa	0	0	0	0	0	0		
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0	0		
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0		
Polychaeta (class)	bristle worms	0.022	0	0.939	0.738	0.783	2.482		
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0	0	0	0		
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0	0		
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0		
<i>Palaemonetes vulgaris</i>	grass shrimp	0.992	1.617	1.806	3.652	3.129	11.196		
<i>Crangon septemspinosa</i>	Sand shrimp	10.043	19.012	32.699	8.325	20.971	91.05		
<i>Cancer irroratus</i>	Rock crab	0	0	0	1.177	0.473	1.65		
<i>Ovalipes ocellatus</i>	lady crab	0	0	0	0.077	0.028	0.105		
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0	0	0		
<i>Callinectes sapidus</i>	Blue crab	0.007	0.004	0	0.123	1.32	1.454		
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0		
Nemertea (phylum)	ribbon worms	0	0	0	0.293	0.389	0.682		
Total Given (including all impinged organisms, not just those for listed species)		11.069	20.633	35.486	14.42	27.092	108.7		
Total Calculated (using "Total Given")		11.064	20.633	35.444	14.385	27.093	108.619		
% represented by 100+									
(Total Calculated/Total Given x 100)		99.95	100.00	99.88	99.76	100.00	99.93		
Grand Total given		34.399	52.112	175.965	44.303	62.538	369.317		
Grand Total calculated		34.383	52.047	175.291	44.271	61.21	367.202		
% represented by 100+		99.95	99.88	99.62	99.93	97.88	99.43		

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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Month		April					May			
Week		1	2	3	4	Monthly	1	2	3	4
Dates		2-8	9-15	16-22	23-29	Total	30-6	7-13	14-20	21-27
Year		1978	1978	1978	1978		1978	1978	1978	1978
<i>Anguilla rostrata</i>	American eel	0	0.284	0.004	2.194	2.482	0.13	0.287	0	0
<i>Alosa aestivalis</i>	Blueback herring	0.592	0.252	0.298	9.711	10.853	6.434	2.435	0	0.014
<i>Alosa pseudoharengus</i>	Aelwife	1.701	5.366	3.476	10.796	21.339	3.29	9.422	1.614	5.992
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	1.404	3.059	3.586	8.049	10.741	5.194	2.996	2.972
<i>Anchoa mitchilli</i>	Bay anchovy	0	0.018	0.158	26.795	26.971	101.693	23.65	18.97	3.805
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	0	0.354	0	0	0.354	2.711	15.779	3.913	9.888
<i>Rissolia marginata</i>	Striped cuskeel	0	0	0	0	0	0	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	0	0	0	0	0	0	0	0



Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

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		April					May			
Month		1	2	3	4	Monthly	1	2	3	4
Week										
Dates		2-8	9-15	16-22	23-29	Total	30-6	7-13	14-20	21-27
Year		1978	1978	1978	1978		1978	1978	1978	1978
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0	0.057	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0.018	0.014	0.011	0.043	0	0.018	0	0
<i>Fundulus heteroclitus</i>	Mummichog	0.025	0.039	0.161	0.014	0.239	0.035	0.028	0.018	0.018
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	0.539	0.445	1.789	2.867	5.64	0.448	0.305	0.189	0.151
<i>Apeltes quadracus</i>	Fourspine stickleback	0.091	0.063	0.06	0.033	0.247	0	0.004	0.007	0.007
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.077	0	0.025	0.052	0.154	0	0	0.014	0
<i>Syngnathus fuscus</i>	Northern pipefish	2.209	1.925	2.083	0.856	7.073	0.872	0.612	0.406	0.287
<i>Centropristis striata</i>	Black sea bass	0	0	0	0	0	0	0	0	0
<i>Morone americana</i>	White perch	0.07	0.893	1.831	1.803	4.597	3.007	3.164	12.355	7.69
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0	0
<i>Caranx hippos</i>	Creville jack	0	0	0	0	0	0	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0	0	0	0

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
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		April					May			
Month		1	2	3	4	Monthly	1	2	3	4
Week		1	2	3	4	Total	1	2	3	4
Dates		2-8	9-15	16-22	23-29	Total	30-6	7-13	14-20	21-27
Year		1978	1978	1978	1978		1978	1978	1978	1978
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	0	3.182
<i>Leiostomus xanthurus</i>	Spot	0	0	0	0	0	0	0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0	0	0	0	0	0	0
<i>Tautoga onitis</i>	Tautog	0	0.494	0	0	0.494	0	0	0	0
<i>Mugil curema</i>	White mullet	0	0	0	0	0	0	0	0	0
<i>Ammodytes</i> sp.	Sand lance	0.056	0	0.287	0.84	1.183	1.616	0.07	0	0
<i>Gobiosoma boscii</i>	Naked goby	0	0	0	0	0	0	0	0	0
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0	0	0	0	0	0	0
<i>Perprilus tricanthus</i>	Butterfish	0	0	0	0	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0	0	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0	7.081	7.081	3.654	2.016	2.496	1.88
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0.004	0.043	0.047	0.077	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0.007	0.007	0.014	0.014	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0.788	0	2.02	7.244	10.052	35.058	7.225	6.125	2.748
<i>Scophthalmus aquosus</i>	Windowpane	0.571	0.931	0.028	0.194	1.724	2.833	0.666	0.207	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	9.779	0.109	4.169	94.941	108.998	44.642	1.345	0	0
<i>Trinectes maculatus</i>	Hogchoker	0.62	0.182	0.746	1.827	3.375	7.701	3.139	1.082	1.299
<i>Sphaeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	8.761	7.767
Total Given (including all impinged organisms, not just those for listed species)		17.126	12.782	20.213	171.479	221.6	225.369	77.314	60.949	48.475
Total Calculated (using "Total Given")		17.118	12.777	20.219	170.895	221.009	225.013	75.359	59.153	47.7
% represented by 100+										
(Total Calculated/Total Given x 100)		99.95	99.96	100.03	99.66	99.73	99.84	97.47	97.05	98.40

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
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		April					May			
Month		1	2	3	4	Monthly	1	2	3	4
Week		1	2	3	4	Total	1	2	3	4
Dates		2-8	9-15	16-22	23-29		30-6	7-13	14-20	21-27
Year		1978	1978	1978	1978		1978	1978	1978	1978
<i>Aequorea</i> spp.	a hydromedusa	0	0	0	0	0	0	0	0	0
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0	0	0	0	0
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	61.994	10.675	149.45	80.385
Polychaeta (class)	bristle worms	0.021	0	0.004	0.17	0.195	0.097	0	0	0
<i>Limulus polyphemus</i>	horseshoe crab	13.125	7.7	2.223	5.159	28.207	2.853	0	24.203	50.243
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	8.358	5.317	3.609	6.862	24.146	2.246	1.188	0.865	0.662
<i>Crangon septemspinosa</i>	Sand shrimp	24.931	7.543	9.366	186.642	228.482	71.342	33.052	5.282	2.072
<i>Cancer irroratus</i>	Rock crab	0.249	0.641	2.597	4.869	8.356	1.526	1.9	2.587	1.267
<i>Ovalipes ocellatus</i>	lady crab	0.049	0.182	0	0.047	0.278	0.089	0.084	0.193	0
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	9.328	51.622	47.971	46.134	155.055	28.954	42.604	12.803	22.554
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	0
Nemertea (phylum)	ribbon worms	0.063	0.018	0.021	0.145	0.247	0.899	0	0	0
Total Given (including all impinged organisms, not just those for listed species)		56.123	73.049	65.891	250.027	445.09	170.103	135.051	203.763	387.132
Total Calculated (using "Total Given")		56.124	73.023	65.791	250.028	444.966	170	89.503	195.383	157.183
% represented by 100+										
(Total Calculated/Total Given x 100)		100.00	99.96	99.85	100.00	99.97	99.94	66.27	95.89	40.60
Grand Total given		73.248	85.831	86.104	421.506	666.689	395.473	212.365	264.712	435.607
Grand Total calculated		73.242	85.8	86.01	420.923	665.975	395.013	164.862	254.536	204.883
% represented by 100+		99.99	99.96	99.89	99.86	99.89	99.88	77.63	96.16	47.03

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
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		Month	June					July			
		Week	Monthly	1	2	3	4	Monthly	1	2	3
		Dates	Total	28-3	4-10	11-17	18-24	Total	25-1	2-8	9-15
		Year		1978	1978	1978	1978		1978	1978	1978
<i>Anguilla rostrata</i>	American eel	0.417	1.236	0.609	0	0	1.845	0.186	0.635	3.262	
<i>Alosa aestivalis</i>	Blueback herring	8.883	0	0	0	0	0	0	0.018	0.605	
<i>Alosa pseudoharengus</i>	Aelwife	20.318	1.523	2.839	2.027	2.492	8.881	2.575	2.109	1.376	
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0	0	0	0	0	
<i>Brevoortia tyrannus</i>	Atlantic menhaden	21.903	0.851	0.714	0.319	0	1.884	0	0.028	2.046	
<i>Anchoa mitchilli</i>	Bay anchovy	148.118	2.93	0.676	0.847	0.186	4.639	0.411	1.622	3.789	
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0	0	0	0	0	
<i>Opsanus tau</i>	Oyster toadfish	32.291	2.72	32.603	8.176	6.741	50.24	0.07	1.089	8.452	
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0	0	0	0	0	0	
<i>Merluccius bilinearis</i>	Silver hake	0	0	0	0	0	0	0	0	0	

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
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		Month	June				July		
		Week	1	2	3	4	1	2	3
		Dates	28-3	4-10	11-17	18-24	25-1	2-8	9-15
		Year	1978	1978	1978	1978	1978	1978	1978
<i>Urophycis chuss</i>	Red hake	0.057	0	0	0	0	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0.018	0	0	0	0	0	0	0
<i>Fundulus heteroclitus</i>	Mummichog	0.099	0.203	0	0.011	0.028	0.242	0	0
<i>Membras martinica</i>	Rough silverside	0	0.021	0	0	0	0.021	0	0
<i>Menidia menidia</i>	Atlantic silverside	1.093	0.224	0.039	0	0	0.263	0.035	0.024
<i>Apeltes quadracus</i>	Fourspine stickleback	0.018	0	0	0	0	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.014	0.004	0	0	0	0.004	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	2.177	0.347	0.249	0.658	0.165	1.419	0.081	0.393
<i>Centropomus striata</i>	Black sea bass	0	0	0	0	0	0	0	0
<i>Morone americana</i>	White perch	26.216	7.697	3.465	0.497	0.763	12.422	0	0
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0.028	0.049	0.077	0.122	0.531
<i>Caranx hippos</i>	Creville jack	0	0	0	0	0	0	0.004	0.004
<i>Selene vomer</i>	Lookdown	0	0	0	0	0	0	0	0
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0	0	0

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	Month	Week	Dates	Year	Monthly	June				Monthly	July		
						1	2	3	4		1	2	3
						28-3	4-10	11-17	18-24		25-1	2-8	9-15
						1978	1978	1978	1978		1978	1978	1978
<i>Cynoscion regalis</i>	Weakfish				3.182	0	0	0	0	0	0	0	0.007
<i>Leiostomus xanthurus</i>	Spot				0	0	0	0	0	0	0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker				0	0.011	0	0	0	0.011	0	0	0
<i>Tautoga onitis</i>	Tautog				0	0	0	0	0	0	0	0	0
<i>Mugil curema</i>	White mullet				0	0	0	0	0	0	0	0	0
<i>Ammodytes</i> sp.	Sand lance				1.686	0	0	0	0	0	0	0	0
<i>Gobiosoma bosc</i>	Naked goby				0	0	0	0	0	0	0	0	0
<i>Astroscopus guttatus</i>	Northern stargazer				0	0	0	0	0	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny				0	0.025	0.098	0	0	0.123	0	0	0
<i>Perprilus tricanthus</i>	Butterfish				0	0	0	0	0	0	0	0	0
<i>Prionotus carolinus</i>	Northern searobin				0	0	0	0	0	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin				10.046	0	0	0	0	0	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby				0.077	0	0	0.032	0	0.032	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder				0.014	0	0.011	0.028	0	0.039	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder				51.156	0.9	1.208	0	0	2.108	0	5.835	2.461
<i>Scophthalmus aquosus</i>	Windowpane				3.706	0.084	0	0.224	0	0.308	0	1.137	2.937
<i>Pseudopleuronectes americanus</i>	Winter flounder				45.987	0.001	2.524	12.46	0	14.985	0.018	0.114	1.15
<i>Trinectes maculatus</i>	Hogchoker				13.221	0.676	0.588	0.193	0.112	1.569	0.931	0.609	0.597
<i>Spherooides maculatus</i>	Northern puffer				16.528	1.334	0.312	0.819	0	2.465	0	0.004	87.133
Total Given (including all impinged organisms, not just those for listed species)					412.107	21.119	46.078	28.109	10.189	105.495	4.435	14.851	114.975
Total Calculated (using "Total Given")					407.225	20.787	45.935	26.319	10.536	103.577	4.429	14.152	114.945
% represented by 100+													
(Total Calculated/Total Given x 100)					98.82	98.43	99.69	93.63	103.41	98.18	99.86	95.29	99.97

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		Year		1978	1978	1978	1978		1978	1978	1978
<i>Aequorea</i> spp.	a hydromedusa	0	0	0	0	0	0	0	0	0	0
<i>Rhopilema verrilli</i>	a jellyfish	0	0	0	0	0	0	0	0	46.307	17.732
<i>Cyanea capillata</i>	Lion's mane jellyfish	302.504	85.838	0.319	0	0	0	86.157	17.973	0.252	0
Polychaeta (class)	bristle worms	0.097	0.028	0	0.004	0	0	0.032	0.004	0.004	0
<i>Limulus polyphemus</i>	horseshoe crab	77.299	37.478	69.104	36.722	47.891	0	191.195	24.893	12.25	3.196
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0	0	0	0	0	0
<i>Paneaus aztecus</i>	brown shrimp	0	0	0	0	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	4.961	10.763	14.448	5.198	0.42	0	30.829	0.465	0.269	0.179
<i>Crangon septemspinosa</i>	Sand shrimp	111.748	44.265	26.324	77.711	0.042	0	148.342	0.065	0.275	5.401
<i>Cancer irroratus</i>	Rock crab	7.28	0.525	1.624	1.169	0	0	3.318	0.294	0.042	0
<i>Ovalipes ocellatus</i>	lady crab	0.366	0.091	0.252	0.081	0.14	0	0.564	0.655	0.471	0.33
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0	0	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	106.915	19.649	41.906	45.028	30.772	0	137.355	46.404	294.071	1379.333
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0	0	0	0	0	0
Nemertea (phylum)	ribbon worms	0.899	0	0	0	0	0	0	0	0	0
Total Given (including all impinged organisms, not just those for listed species)		896.049	223.157	161.326	168.319	80.717	0	633.519	91.309	366.074	1407.8
Total Calculated (using "Total Given")		612.069	198.637	153.977	165.913	79.265	0	597.792	90.753	353.941	1406.171
% represented by 100+ (Total Calculated/Total Given x 100)		68.31	89.01	95.44	98.57	98.20	0	94.36	99.39	96.69	99.88
Grand Total given		1308.157	244.276	207.403	196.427	90.906	0	739.012	95.744	380.925	1522.775
Grand Total calculated		1019.294	219.424	199.912	192.232	89.801	0	701.369	95.182	368.093	1521.116
% represented by 100+		77.92	89.83	96.39	97.86	98.78	0	94.91	99.41	96.63	99.89



Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

\*\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

		Month	
		Week	4
		Dates	16-22
		Year	1978
		Monthly	
		Total	
<i>Anguilla rostrata</i>	American eel	3.455	7.538
<i>Alosa aestivalis</i>	Blueback herring	2.507	3.13
<i>Alosa pseudoharengus</i>	Aelwife	1.932	7.992
<i>Alosa sapidissima</i>	American shad	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.368	2.442
<i>Anchoa mitchilli</i>	Bay anchovy	4.396	10.218
<i>Synodus foetens</i>	Inshore lizardfish	0	0
<i>Opsanus tau</i>	Oyster toadfish	1.86	11.471
<i>Rissola marginata</i>	Striped cuskeel	0	
<i>Merluccius bilinearis</i>	Silver hake	0	0

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

\*\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

Month			
Week		4	Monthly
Dates		16-22	Total
Year		1978	
<i>Urophycis chuss</i>	Red hake	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0
<i>Fundulus heteroclitus</i>	Mummichog	0	0
<i>Membras martinica</i>	Rough silverside	0	0
<i>Menidia menidia</i>	Atlantic silverside	0	0.063
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	0.259	1.309
<i>Centropristis striata</i>	Black sea bass	0	0
<i>Morone americana</i>	White perch	0	0
<i>Pomatomus saltatrix</i>	Bluefish	0.214	1.413
<i>Caranx hippos</i>	Crevalle jack	0.004	0.012
<i>Selene vomer</i>	Lookdown	0.007	0.007
<i>Stenotomus chrysops</i>	Scup	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

\*\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

		Month		
		Week	4	Monthly
		Dates	16-22	Total
		Year	1978	
<i>Cynoscion regalis</i>	Weakfish		0.088	0.095
<i>Leiostomus xanthurus</i>	Spot		0	0
<i>Micropogon undulatus</i>	Atlantic croaker		0	0
<i>Tautoga onitis</i>	Tautog		0	0
<i>Mugil curema</i>	White mullet		0	0
<i>Ammodytes</i> sp.	Sand lance		0	0
<i>Gobiosoma boscii</i>	Naked goby		0	
<i>Astroscopus guttatus</i>	Northern stargazer		0	
<i>Hypsoblennius hentzi</i>	Feather blenny		0	0
<i>Perprilus tricanthus</i>	Butterfish		0	
<i>Prionotus carolinus</i>	Northern searobin		0	
<i>Prionotus evolans</i>	Striped searobin		0.049	0.049
<i>Myoxocephalus aeneus</i>	Grubby		0	0
<i>Etropus microstomus</i>	Smallmouth flounder		0	0
<i>Paralichthys dentatus</i>	Summer flounder		0	8.296
<i>Scophthalmus aquosus</i>	Windowpane		0	4.074
<i>Pseudopleuronectes americanus</i>	Winter flounder		0.039	1.321
<i>Trinectes maculatus</i>	Hogchoker		1.266	3.403
<i>Sphoeroides maculatus</i>	Northern puffer		2.738	89.875
Total Given (including all impinged organisms, not just those for listed species)			19.282	153.543
Total Calculated (using "Total Given")			19.182	152.708
% represented by 100+				
(Total Calculated/Total Given x 100)			99.48	99.46

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

\*\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

Month			
Week		4	Monthly
Dates		16-22	Total
Year		1978	
<i>Aequorea</i> spp.	a hydromedusa	0	0
<i>Rhopilema verrilli</i>	a jellyfish	16.454	80.493
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	18.225
Polychaeta (class)	bristle worms	0	0.008
<i>Limulus polyphemus</i>	horseshoe crab	4.935	45.274
<i>Squilla empusa</i>	mantis shrimp	0	
<i>Panaeus aztecus</i>	brown shrimp	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	0.084	0.997
<i>Crangon septemspinosa</i>	Sand shrimp	0.077	5.818
<i>Cancer irroratus</i>	Rock crab	0.599	0.935
<i>Ovalipes ocellatus</i>	lady crab	0.119	1.575
<i>Portunus gibbesi</i>	a portunid crab	0	0
<i>Callinectes sapidus</i>	Blue crab	895.612	2615.42
<i>Callinectes similis</i>	Lesser blue crab	0	0
Nemertea (phylum)	ribbon worms	0.014	0.014
<b>Total Given (including all impinged organisms, not just those for listed species)</b>		<b>921.804</b>	<b>2786.987</b>
<b>Total Calculated (using "Total Given")</b>		<b>917.894</b>	<b>2768.759</b>
<b>% represented by 100+ (Total Calculated/Total Given x 100)</b>		<b>99.58</b>	<b>99.35</b>
<b>Grand Total given</b>		<b>941.085</b>	<b>2940.529</b>
<b>Grand Total calculated</b>		<b>937.076</b>	<b>2921.467</b>
<b>% represented by 100+</b>		<b>99.57</b>	<b>99.35</b>

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

\*\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

		Month	August					Monthly Total
		Week	1	2	3	4	5	
		Dates	23-29	30-5	13-19	20-26	27-2	
		Year	1978	1978	1978	1978	1978	
<i>Anguilla rostrata</i>	American eel	0.378	1.79	5.464	0	3.789	11.421	
<i>Alosa aestivalis</i>	Blueback herring	0.952	2.066	0.179	2.914	2.019	8.13	
<i>Alosa pseudoharengus</i>	Aelwife	2.212	1.585	1.44	5.361	1.244	11.842	
<i>Alosa sapidissima</i>	American shad	0	0	0	0	0	0	
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.042	0.213	3.045	1.716	4.848	9.864	
<i>Anchoa mitchilli</i>	Bay anchovy	3.332	13.94	1.328	1.467	1.425	21.492	
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0	0	0	
<i>Opsanus tau</i>	Oyster toadfish	5.376	4.503	3.016	2.531	0.799	16.225	
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0	0	0	
<i>Merluccius bilinearis</i>	Silver hake	0	0	0	0	0	0	

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

\*\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

	Month	August					Monthly Total
	Week	1	2	3	4	5	
	Dates	23-29	30-5	13-19	20-26	27-2	
	Year	1978	1978	1978	1978	1978	
<i>Urophycis chuss</i>	Red hake	0	0	0	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0	0	0
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0	0	0	0
<i>Membras martinica</i>	Rough silverside	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	0	0.024	0	0	0.011	0.035
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	0.322	1.301	0.147	0.068	0.009	1.847
<i>Centropristis striata</i>	Black sea bass	0	0	0	0	0	0
<i>Morone americana</i>	White perch	0	0	0	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	1.687	4.8	0.307	0	0	6.794
<i>Caranx hippos</i>	Crevalle jack	0	0.024	0.107	0	0	0.131
<i>Selene vomer</i>	Lookdown	0.014	0.123	0.126	0.042	0.011	0.316
<i>Stenotomus chrysops</i>	Scup	0	0	0	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0	0	0

Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

\*\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

rather than grams (as the original table)

		Month	August					
		Week	1	2	3	4	5	Monthly
		Dates	23-29	30-5	13-19	20-26	27-2	Total
		Year	1978	1978	1978	1978	1978	
<i>Cynoscion regalis</i>	Weakfish	0.322	0.681	0.445	0.282	0.454	2.184	
<i>Leiostomus xanthurus</i>	Spot	0	0	0	0	0	0	
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0	0	0	0	
<i>Tautoga onitis</i>	Tautog	0	0	0	0	0	0	
<i>Mugil curema</i>	White mullet	0	0	0	0	0	0	
<i>Ammodytes</i> sp.	Sand lance	0	0	0	0	0	0	
<i>Gobiosoma boscii</i>	Naked goby	0	0	0	0	0	0	
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0	0	0	
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0.114	0	0	0.032	0.146	
<i>Parpilus tricanthus</i>	Butterfish	0	0	0	0	0	0	
<i>Prionotus carolinus</i>	Northern searobin	0	0	0	0	0	0	
<i>Prionotus evolans</i>	Striped searobin	0.021	0.705	1.083	0.007	0.144	1.96	
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0	0	0	0	
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0	0	
<i>Paralichthys dentatus</i>	Summer flounder	0	8.568	5.956	0	0	14.524	
<i>Scophthalmus aquosus</i>	Windowpane	0	1.761	0	0	0	1.761	
<i>Pseudopleuronectes americanus</i>	Winter flounder	1.197	2.138	0.713	0	0	4.048	
<i>Trinectes maculatus</i>	Hogchoker	1.267	4.806	1.502	0	0.249	7.824	
<i>Sphaeroides maculatus</i>	Northern puffer	9.842	77.81	1.427	0.41	1.909	91.398	
Total Given (including all impinged organisms, not just those for listed species)		26.985	127.274	26.661	15.135	17.77	213.825	
Total Calculated (using "Total Given")		26.964	126.952	26.285	14.798	16.943	211.942	
% represented by 100+								
(Total Calculated/Total Given x 100)		99.92	99.75	98.59	97.77	95.35	99.12	



Weekly estimated weight (kg)\* of fishes and macroinvertebrates with 100 or more specimens impinged\*\* at OCGS from Sept. 1977 to Aug. 1978  
(Table 14 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977-Aug. 1978)

\*\* Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Shaded rows indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.

\*\* For consistency of data recording across years, this table has been changed to be reported in kilograms rather than grams (as the original table)

		August					
Month							Monthly
Week		1	2	3	4	5	Total
Dates		23-29	30-5	13-19	20-26	27-2	
Year		1978	1978	1978	1978	1978	
<i>Aequorea</i> spp.	a hydromedusa	0	0	0	0	0	0
<i>Rhopilema verrilli</i>	a jellyfish	1.806	0	0	0	0	1.806
<i>Cyanea capillata</i>	Lion's mane jellyfish	0	0	0	0	0	0
<i>Polychaeta</i> (class)	bristle worms	0	0	0	0	0.004	0.004
<i>Limulus polyphemus</i>	horseshoe crab	22.26	0	0	6.293	3.57	32.123
<i>Squilla empusa</i>	mantis shrimp	0	0	0	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0	0.026	0.128	0.154
<i>Palaemonetes vulgaris</i>	grass shrimp	0.014	0.135	0.048	0	0	0.197
<i>Crangon septemspinosa</i>	Sand shrimp	0.014	0.025	0.05	0	0.007	0.096
<i>Cancer irroratus</i>	Rock crab	0	0	0	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	0.21	0.837	0.043	0.026	0.095	1.211
<i>Portunus gibbesi</i>	a portunid crab	0	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	3230.129	9258.19	1894.38	645.89	958.724	15987.313
<i>Callinectes similis</i>	Lesser blue crab	0	0	0	0	0.082	0.082
<i>Nemertea</i> (phylum)	ribbon worms	0	0	0	0	0	0
<b>Total Given (including all impinged organisms, not just those for listed species)</b>		<b>3255.756</b>	<b>9261.664</b>	<b>1894.38</b>	<b>652.236</b>	<b>962.616</b>	<b>16026.652</b>
<b>Total Calculated (using "Total Given")</b>		<b>3254.433</b>	<b>9259.187</b>	<b>1894.521</b>	<b>652.235</b>	<b>962.61</b>	<b>16022.986</b>
<b>% represented by 100+ (Total Calculated/Total Given x 100)</b>		<b>99.96</b>	<b>99.97</b>	<b>100.01</b>	<b>100.00</b>	<b>100.00</b>	<b>99.98</b>
<b>Grand Total given</b>		<b>3282.741</b>	<b>9388.938</b>	<b>1921.041</b>	<b>667.371</b>	<b>980.385</b>	<b>16240.476</b>
<b>Grand Total calculated</b>		<b>3281.397</b>	<b>9386.139</b>	<b>1920.806</b>	<b>667.033</b>	<b>979.553</b>	<b>16234.928</b>
<b>% represented by 100+</b>		<b>99.96</b>	<b>99.97</b>	<b>99.99</b>	<b>99.95</b>	<b>99.92</b>	<b>99.97</b>

Monthly Mean Densities (n/1000m<sup>3</sup>) of Ichthyoplankton at the OCGS (Sta. 11) from Sept.1977 to Aug.1978  
(Table 113 in Ecological Studies for the Oyster Creek Generating Station: Progress Report for Sept. 1977 - Aug. 1978: Finfish, Shellfish, and Plankton)

Month	September	October	November	December	January	February	March	April	May	June	July	August
Location	11	11	11	11	11	11	11	11	11	11	11	11
Juveniles												
<i>Anguilla rostrata</i>											2.33	
<i>Anchoa mitchilli</i>	155.83	206.25	154.1		5.25					1.42	217.33	285.45
<i>Brevoortia tyrannus</i>			28.68									
<i>Membras martinica</i>	1.83											
<i>Menidia beryllina</i>											1.96	
<i>Menidia menidia</i>										4.88	5.54	
<i>Syngnathus fuscus</i>	27.5	14.45	5.53							132.17	124.67	10.8
<i>Cynoscion regalis</i>	3.54											3.75
<i>Gobiosoma boscii</i>			4.4									
<i>Gobiosoma ginsburgi</i>		4.15										
<i>Sphoeroides maculatus</i>										2.38		
<i>Micropogon undulatus</i>		2.2	2.8									
Larvae												
<i>Anguilla rostrata</i>						14.38	6.35	18.85	9.65	11.54		
<i>Anchoa mitchilli</i>	225.92									1195.75	1261.95	3910.67
Atherinidae									43.05	169.46	5.29	4.7
<i>Micropogon undulatus</i>	1.96	38.28			2.63							
Blenniidae	91.17	9.35						2.8			27.33	6.2
Gobiidae	351.75	6	3						15.65	717.13	576.17	58.05
<i>Sphoeroides maculatus</i>										23.96		
<i>Paralichthys dentatus</i>			0.98									
<i>Ammodytes</i> sp.				176.66	281.38	687.78	174.2	714.7	25.7			
<i>Pseudopleuronectes americanus</i>					2.88		3630.3	1865.47				
Eggs												
<i>Anchoa mitchilli</i>			3.2						133.43	15449.2	8403	10512.4
Labridae									74.2	137.75	12.33	
<i>Menidia menidia</i>									34.28	5.88		
<i>Ammodytes</i> sp.				1.63	19.38	17.45						
<i>Morone americana</i>								10.2				
<i>Trinectes maculatus</i>										15.71	21.25	
<i>Pseudopleuronectes americanus</i>					817.31	1022.4	989.15	28.05				
Unidentified Fish					92	272.43		34.18		10.17	160.5	
<b>Totals</b>												
<b>Given Larvae &amp; Juveniles</b>	859.5	280.68	199.48	176.66	292.13	702.15	3810.85	2601.82	94.05	2248.67	2222.57	4279.62
<b>Given Eggs</b>	0	0	3.2	1.63	928.69	1312.28	989.15	72.43	241.9	15618.7	8597.08	10512.4
<b>Given Total (sum of two above)</b>	859.5	280.68	202.68	178.29	1220.82	2014.43	4800	2674.25	335.95	17867.37	10819.65	14792.02
<b>Calculated Juveniles</b>	188.7	227.05	195.51	0	5.25	0	0	0	0	140.85	351.83	300
<b>Calculated Larvae</b>	670.8	53.63	3.98	176.66	286.89	702.16	3810.85	2601.82	94.05	2107.84	1870.74	3979.62
<b>Calculated Eggs</b>	0	0	3.2	1.63	928.69	1312.28	989.15	72.43	241.91	15618.71	8597.08	10512.4
<b>Calculated Total</b>	859.5	280.68	202.69	178.29	1220.83	2014.44	4800	2674.25	335.96	17867.4	10819.65	14792.02
<b>Difference</b>	0	0	-0.01	0	-0.01	-0.01	0	0	-0.01	-0.03	0	0

Mean Monthly Densities (n/1000m<sup>3</sup>) and Occurrence of macrozooplankton\* at OCGS (Sta. 11)  
for Sept. 1977 to Aug. 1978

(Table 110, Ecological Studies for the OC Generating Station: Progress Report,  
Sept. 1977-August 1978: Finfish, Shellfish, and Plankton)

Month	September		October		November	
Time	Day	Night	Day	Night	Day	Night
Zoeae						
<i>Crangon septimspinosa</i>			537	595.8	398.5	520.65
<i>Palaemonetes</i> sp.	0	68.5	0	0	0	0
<i>Callinectes sapidus</i>	0	0	0	0	0	0
Megalopae						
<i>Callinectes sapidus</i>	124	646.25	0	722.2	0	69.9
Juveniles						
<i>Callinectes sapidus</i>	52	7.83	0	0	0	0
No. Determ.						
<i>Crangon septimspinosa</i>	0	32.75	17.25	42.3	0	867.9
<i>Palaemonetes vulgaris</i>	0	5.08	0	21.9	0	21.3
<i>Palaemonetes</i> sp.	52	43.33	0	54	0	83.55
Gravid Fe.						
<i>Crangon septimspinosa</i>	0	0	0	0	0	0
<b>Total</b>	<b>228</b>	<b>803.74</b>	<b>554.25</b>	<b>1436.2</b>	<b>398.5</b>	<b>1563.3</b>

\*Only RIS macrozooplankton are recorded here; original table includes all collected macrozooplankton.

Mean Monthly Densities (n/1000m<sup>3</sup>) and Occurrence of macrozooplankton\* at OCGS (Sta. 11)  
for Sept. 1977 to Aug. 1978

(Table 110, Ecological Studies for the OC Generating Station: Progress Report,  
Sept. 1977-August 1978: Finfish, Shellfish, and Plankton)

Month	December		January		February	
Time	Day	Night	Day	Night	Day	Night
Zoeae						
<i>Crangon septimspinosa</i>	67.25	213.5	19.5	253.69	81	27.2
<i>Palaemonetes</i> sp.	0	0	0	0	0	0
<i>Callinectes sapidus</i>	0	0	0	0	0	0
Megalopae						
<i>Callinectes sapidus</i>	0	14.75	0	0	0	0
Juveniles						
<i>Callinectes sapidus</i>	0	0	0	0	0	0
No. Determ.						
<i>Crangon septimspinosa</i>	15.25	1672.44	61.5	1904.94	115	1495.55
<i>Palaemonetes vulgaris</i>	0	7.38	0	0	0	14.4
<i>Palaemonetes</i> sp.	30.75	81.94	21.25	49.88	40.5	41.95
Gravid Fe.						
<i>Crangon septimspinosa</i>	0	0	0	10.5	0	0
<b>Total</b>	<b>113.25</b>	<b>1990.01</b>	<b>102.25</b>	<b>2219.01</b>	<b>236.5</b>	<b>1579.1</b>

\*Only RIS macrozooplankton.

Mean Monthly Densities (n/1000m<sup>3</sup>) and Occurrence of macrozooplankton\* at OCGS (Sta. 11)  
for Sept. 1977 to Aug. 1978

(Table 110, Ecological Studies for the OC Generating Station: Progress Report,  
Sept. 1977-August 1978: Finfish, Shellfish, and Plankton)

Month	March		April		May	
Time	Day	Night	Day	Night	Day	Night
Zoeae						
<i>Crangon septimspinosa</i>	134.75	626.6	2497.25	3066.1	17510.7	25619.4
<i>Palaemonetes</i> sp.	0	0	38.5	23.6	0	67.8
<i>Callinectes sapidus</i>	0	0	0	0	0	0
Megalopae						
<i>Callinectes sapidus</i>	0	0	0	0	0	0
Juveniles						
<i>Callinectes sapidus</i>	0	0	0	0	0	14.1
No. Determ.						
<i>Crangon septimspinosa</i>	46	936.5	0	148.3	0	1068.1
<i>Palaemonetes vulgaris</i>	0	0	0	11	0	0
<i>Palaemonetes</i> sp.	23.25	112.1	0	36.7	0	141.4
Gravid Fe.						
<i>Crangon septimspinosa</i>	0	0	0	0	0	15.6
<b>Total</b>	<b>204</b>	<b>1675.2</b>	<b>2535.75</b>	<b>3285.7</b>	<b>17510.7</b>	<b>26926.4</b>

\*Only RIS macrozooplankton

Mean Monthly Densities (n/1000m<sup>3</sup>) and Occurrence of macrozooplankton\* at OCGS (Sta. 11)  
for Sept. 1977 to Aug. 1978

(Table 110, Ecological Studies for the OC Generating Station: Progress Report,  
Sept. 1977-August 1978: Finfish, Shellfish, and Plankton)

Month	June		July		August	
Time	Day	Night	Day	Night	Day	Night
Zoeae						
<i>Crangon septimspinosa</i>	9549.75	50422.83	1701.33	736.42	0	45.5
<i>Palaemonetes</i> sp.	881.75	1147.8	143.67	1019.58	16	524.88
<i>Callinectes sapidus</i>	0	63.08	0	37	0	21.75
Megalopae						
<i>Callinectes sapidus</i>	0	0	0	0	55.25	0
Juveniles						
<i>Callinectes sapidus</i>	0	3.08	14.33	8.58	0	0
No. Determ.						
<i>Crangon septimspinosa</i>	0	68.67	0	113.08	0	94.13
<i>Palaemonetes vulgaris</i>	0	10.67	0	3.92	0	29.38
<i>Palaemonetes</i> sp.	0	9	0	10.58	61.75	23.25
Gravid Fe.						
<i>Crangon septimspinosa</i>	0	0	0	0	0	0
<b>Total</b>	<b>10431.5</b>	<b>51725.13</b>	<b>1859.33</b>	<b>1929.16</b>	<b>133</b>	<b>738.89</b>

\*Only RIS macrozooplankton

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	September*			
		1	2	3	Monthly
		3-9	10-16	17-23	Total
		1978	1978	1978	
<i>Anguilla rostrata</i>	American eel	29	4	0	33
<i>Alosa aestivalis</i>	Blueback herring	33	45	14	92
<i>Alosa pseudoharengus</i>	Aelwife	11	4	0	15
<i>Alosa sapidissima</i>	American shad	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	21	19	0	40
<i>Anchoa mitchilli</i>	Bay anchovy	213	901	0	1114
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	146	113	7	266
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	14	0	14
<i>Merluccius bilinearis</i>	Silver hake	0	0	0	0
<i>Urophycis chuss</i>	Red hake	0	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	0	14	0	14
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	4	167	0	171
<i>Centropristis striata</i>	Black sea bass	0	0	0	0
<i>Morone americana</i>	White perch	0	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	11	22	7	40
<i>Caranx hippos</i>	Crevalle jack	7	96	0	103
<i>Selene vomer</i>	Lookdown	11	11	0	22
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	187	202	0	389
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0	0
<i>Tautoga onitis</i>	Tautog	0	0	0	0
<i>Mugil curema</i>	White mullet	0	14	0	14
<i>Ammodytes sp.</i>	Sand lance	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	0	0	0	0
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	4	0	4
<i>Perprilus tricanthus</i>	Butterfish	0	4	0	4
<i>Prionotus carolinus</i>	Northern searobin	0	0	0	0
<i>Prionotus evolans</i>	Striped searobin	7	65	7	79
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0	0	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0	0
<i>Trinectes maculatus</i>	Hogchoker	13	14	0	27
<i>Sphoeroides maculatus</i>	Northern puffer	31	88	0	119
Total given		721	1817	35	2573
Total calculated		724	1801	35	2560
% represented by 100+		100.42	99.12	100.00	99.49

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	September*			
	Week	1	2	3	Monthly
	Dates	3-9	10-16	17-23	Total
	Year	1978	1978	1978	
<i>Aequorea</i> spp.	a hydromedusa	23	0	0	23
Polychaeta (class)	bristle worms	0	0	0	0
<i>Limnus polyphemus</i>	Horseshoe crab	4	0	0	4
<i>Panæus aztecus</i>	brown shrimp	49	142	7	198
<i>Palaemonetes vulgaris</i>	grass shrimp	4	4	0	8
<i>Crangon septemspinosa</i>	Sand shrimp	4	0	0	4
<i>Cancer irroratus</i>	Rock crab	0	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	109	146	21	276
<i>Portunus gibbesi</i>	a portunid crab	7	0	0	7
<i>Callinectes sapidus</i>	Blue crab	12581	16562	1008	30151
<i>Callinectes similis</i>	Lesser blue crab	21	11	0	32
Nemertea (phylum)	ribbon worms	4	4	0	8
Total given		12814	16869	1036	30719
Total calculated		12806	16869	1036	30711
% represented by 100+		99.94	100.00	100.00	99.97
Grand Total given		13535	18686	1071	33292
Grand Total calculated		13530	18670	1071	33271
% represented by 100+		99.96	99.91	100.00	99.94
NOTES:					
1. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros.		*OCNGS did not operate from 19 September to 21 November 1978			
2. Data presented by Ecological Associates are not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection.					
3. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals					
4. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.					
5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.					
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.					



Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	November*
	Week	4
	Dates	19-25
	Year	1978
<i>Anguilla rostrata</i>	American eel	0
<i>Alosa aestivalis</i>	Blueback herring	0
<i>Alosa pseudoharengus</i>	Aelwife	0
<i>Alosa sapidissima</i>	American shad	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0
<i>Anchoa mitchilli</i>	Bay anchovy	0
<i>Synodus foetens</i>	Inshore lizardfish	0
<i>Opsanus tau</i>	Oyster toadfish	21
<i>Rissola marginata</i>	Striped cuskeel	0
<i>Strongylura marina</i>	Atlantic needlefish	0
<i>Merluccius bilinearis</i>	Silver hake	0
<i>Urophycis chuss</i>	Red hake	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0
<i>Fundulus heteroclitus</i>	Mummichog	0
<i>Menidia menidia</i>	Atlantic silverside	0
<i>Apeltes quadracus</i>	Fourspine stickleback	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0
<i>Syngnathus fuscus</i>	Northern pipefish	2275
<i>Centropristis striata</i>	Black sea bass	7
<i>Morone americana</i>	White perch	0
<i>Pomatomus saltatrix</i>	Bluefish	0
<i>Caranx hippos</i>	Crevalle jack	0
<i>Selene vomer</i>	Lookdown	0
<i>Bairdiella chrysura</i>	Silver perch	14
<i>Cynoscion regalis</i>	Weakfish	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0
<i>Leiostomus xanthurus</i>	Spot	0
<i>Micropogon undulatus</i>	Atlantic croaker	0
<i>Tautoga onitis</i>	Tautog	0
<i>Mugil curema</i>	White mullet	0
<i>Ammodytes sp.</i>	Sand lance	0
<i>Gobiosoma boscii</i>	Naked goby	0
<i>Astroscopus guttatus</i>	Northern stargazer	0
<i>Hypsoblennius hentzi</i>	Feather blenny	21
<i>Perprilus tricanthus</i>	Butterfish	0
<i>Prionotus carolinus</i>	Northern searobin	0
<i>Prionotus evolans</i>	Striped searobin	56
<i>Myoxocephalus aeneus</i>	Grubby	0
<i>Etropus microstomus</i>	Smallmouth flounder	0
<i>Paralichthys dentatus</i>	Summer flounder	0
<i>Scophthalmus aquosus</i>	Windowpane	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	0
<i>Trinectes maculatus</i>	Hogchoker	0
<i>Sphoeroides maculatus</i>	Northern puffer	0
Total given		2394
Total calculated		2394
% represented by 100+		100.00

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	November*
	Week	4
	Dates	19-25
	Year	1978
<i>Aequorea</i> spp.	a hydromedusa	0
Polychaeta (class)	bristle worms	0
<i>Limnus polyphemus</i>	Horseshoe crab	0
<i>Panaeus aztecus</i>	brown shrimp	0
<i>Palaemonetes vulgaris</i>	grass shrimp	7
<i>Crangon septemspinosa</i>	Sand shrimp	21
<i>Cancer irroratus</i>	Rock crab	0
<i>Ovalipes ocellatus</i>	lady crab	1470
<i>Portunus gibbesi</i>	a portunid crab	0
<i>Callinectes sapidus</i>	Blue crab	42
<i>Callinectes similis</i>	Lesser blue crab	0
Nemertea (phylum)	ribbon worms	0
Total given		1540
Total calculated		1540
% represented by 100+		100.00
Grand Total given		3934
Grand Total calculated		3934
% represented by 100+		100.00
NOTES:		
1. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros.		
2. Data presented by Ecological Associates are not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection.		
3. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals		
4. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.		
5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.		
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.		

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	December		
	Week	1	2	3
	Dates	26-2	3-9	10-16
	Year	1978	1978	1978
<i>Anguilla rostrata</i>	American eel	24	8	18
<i>Alosa aestivalis</i>	Blueback herring	14	123	12254
<i>Alosa pseudoharengus</i>	Aelwife	0	4	35
<i>Alosa sapidissima</i>	American shad	0	0	6
<i>Brevoortia tyrannus</i>	Atlantic menhaden	14	135	3195
<i>Anchoa mitchilli</i>	Bay anchovy	107	23	1667
<i>Synodus foetens</i>	Inshore lizardfish	7	0	0
<i>Opsanus tau</i>	Oyster toadfish	7	94	25
<i>Rissola marginata</i>	Striped cuskeel	28	4	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	0	91
<i>Urophycis chuss</i>	Red hake	0	0	14
<i>Cyprinodon variegatus</i>	Sheepshead minnow	14	4	28
<i>Fundulus heteroclitus</i>	Mummichog	68	49	11
<i>Menidia menidia</i>	Atlantic silverside	773	1364	52311
<i>Apeltes quadracus</i>	Fourspine stickleback	7	138	193
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	4	24
<i>Syngnathus fuscus</i>	Northern pipefish	3429	2396	2171
<i>Centropomus striata</i>	Black sea bass	28	4	41
<i>Morone americana</i>	White perch	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	21	17
<i>Cynoscion regalis</i>	Weakfish	0	9	97
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	11
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	48
<i>Tautoga onitis</i>	Tautog	175	119	940
<i>Mugil curema</i>	White mullet	0	0	0
<i>Ammodytes sp.</i>	Sand lance	0	0	5
<i>Gobiosoma boscii</i>	Naked goby	38	711	4886
<i>Astroscopus guttatus</i>	Northern stargazer	0	7	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	18	4
<i>Parprilus tricanthus</i>	Butterfish	0	0	86
<i>Prionotus carolinus</i>	Northern searobin	0	0	0
<i>Prionotus evolans</i>	Striped searobin	107	21	52
<i>Myoxocephalus aeneus</i>	Grubby	0	7	11
<i>Etropus microstomus</i>	Smallmouth flounder	891	211	1209
<i>Paralichthys dentatus</i>	Summer flounder	0	0	4
<i>Scophthalmus aquosus</i>	Windowpane	28	7	44
<i>Pseudopleuronectes americanus</i>	Winter flounder	72	115	2861
<i>Trinectes maculatus</i>	Hogchoker	0	37	4
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given		6116	5681	82433
Total calculated		5831	5633	82363
% represented by 100+		95.34	99.16	99.92

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	December		
	Week	1	2	3
	Dates	26-2	3-9	10-16
	Year	1978	1978	1978
<i>Aequorea</i> spp.	a hydromedusa	0	4	0
Polychaeta (class)	bristle worms	35	359	308
<i>Limnus polyphemus</i>	Horseshoe crab	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	794	3132	15911
<i>Crangon septemspinosa</i>	Sand shrimp	85972	92094	326578
<i>Cancer irroratus</i>	Rock crab	9	170	280
<i>Ovalipes ocellatus</i>	lady crab	166	1758	267
<i>Portunus gibbesi</i>	a portunid crab	0	0	0
<i>Callinectes sapidus</i>	Blue crab	7	284	11
<i>Callinectes similis</i>	Lesser blue crab	0	0	0
Nemertea (phylum)	ribbon worms	7	46	14
Total given		86990	97854	343374
Total calculated		86990	97847	343369
% represented by 100+		100.00	99.99	100.00
Grand Total given		93106	103534	425807
Grand Total calculated		92821	103480	425732
% represented by 100+		99.69	99.95	99.98
NOTES:				
1. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros.				
2. Data presented by Ecological Associates are not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection.				
3. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals				
4. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.				

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	December (cont'd)		
		4	5	Monthly
		17-23	24-30	Total
		1978	1978	
<i>Anguilla rostrata</i>	American eel	49	44	143
<i>Alosa aestivalis</i>	Blueback herring	7482	4648	24521
<i>Alosa pseudoharengus</i>	Aelwife	11	744	794
<i>Alosa sapidissima</i>	American shad	29	166	201
<i>Brevoortia tyrannus</i>	Atlantic menhaden	3096	376	6816
<i>Anchoa mitchilli</i>	Bay anchovy	135	214	2146
<i>Synodus foetens</i>	Inshore lizardfish	0	0	7
<i>Opsanus tau</i>	Oyster toadfish	67	67	260
<i>Rissola marginata</i>	Striped cuskeel	0	0	32
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	149	240
<i>Urophycis chuss</i>	Red hake	54	170	238
<i>Cyprinodon variegatus</i>	Sheepshead minnow	599	450	1095
<i>Fundulus heteroclitus</i>	Mummichog	77	77	282
<i>Menidia menidia</i>	Atlantic silverside	21895	8741	85084
<i>Apeltes quadracus</i>	Fourspine stickleback	817	1277	2432
<i>Gasterosteus aculeatus</i>	Threespine stickleback	17	17	62
<i>Syngnathus fuscus</i>	Northern pipefish	1766	1252	11014
<i>Centropristis striata</i>	Black sea bass	11	0	84
<i>Morone americana</i>	White perch	0	36	36
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Crevale jack	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	38
<i>Cynoscion regalis</i>	Weakfish	0	0	106
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	11
<i>Micropogon undulatus</i>	Atlantic croaker	26	13	87
<i>Tautoga onitis</i>	Tautog	740	400	2374
<i>Mugil curema</i>	White mullet	0	0	0
<i>Ammodytes sp.</i>	Sand lance	21	11	37
<i>Gobiosoma boscii</i>	Naked goby	1697	816	8148
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	7
<i>Hypsoblennius hentzi</i>	Feather blenny	0	24	46
<i>Perprilus tricanthus</i>	Butterfish	0	0	86
<i>Prionotus carolinus</i>	Northern searobin	8	8	16
<i>Prionotus evolans</i>	Striped searobin	27	27	234
<i>Myoxocephalus aeneus</i>	Grubby	47	61	126
<i>Etropus microstomus</i>	Smallmouth flounder	166	64	2541
<i>Paralichthys dentatus</i>	Summer flounder	0	0	4
<i>Scophthalmus aquosus</i>	Windowpane	44	11	134
<i>Pseudopleuronectes americanus</i>	Winter flounder	22713	8814	34575
<i>Trinectes maculatus</i>	Hogchoker	0	9	50
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given		61686	29008	184924
Total calculated		61594	28686	184107
% represented by 100+		99.85	98.89	99.56

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	December (cont'd)		
	Week	4	5	Monthly
	Dates	17-23	24-30	Total
	Year	1978	1978	
<i>Aequorea</i> spp.	a hydromedusa	8	10	22
Polychaeta (class)	bristle worms	880	614	2196
<i>Limulus polyphemus</i>	Horseshoe crab	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	19265	38306	77408
<i>Crangon septemspinosa</i>	Sand shrimp	491373	552112	1548129
<i>Cancer irroratus</i>	Rock crab	68	21	548
<i>Ovalipes ocellatus</i>	lady crab	7	0	2198
<i>Portunus gibbesi</i>	a portunid crab	0	0	0
<i>Callinectes sapidus</i>	Blue crab	0	42	344
<i>Callinectes similis</i>	Lesser blue crab	0	0	0
Nemertea (phylum)	ribbon worms	0	6	73
Total given		511681	591119	1631018
Total calculated		511601	591111	1630918
% represented by 100+		99.98	100.00	99.99
Grand Total given		573367	620126	1815940
Grand Total calculated		573195	619797	1815025
% represented by 100+		99.97	99.95	99.95
NOTES:				
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3. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals				
4. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.				

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	January	
	Week	1	2
	Dates	31-6	7-13
	Year	1979	1979
<i>Anguilla rostrata</i>	American eel	62	17
<i>Alosa aestivalis</i>	Blueback herring	44720	6904
<i>Alosa pseudoharengus</i>	Aelwife	464	119
<i>Alosa sapidissima</i>	American shad	410	35
<i>Brevoortia tyrannus</i>	Atlantic menhaden	147	4
<i>Anchoa mitchilli</i>	Bay anchovy	30	18
<i>Synodus foetens</i>	Inshore lizardfish	0	0
<i>Opsanus tau</i>	Oyster toadfish	21	10
<i>Rissola marginata</i>	Striped cuskeel	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0
<i>Merluccius bilinearis</i>	Silver hake	56	11
<i>Urophycis chuss</i>	Red hake	38	12
<i>Cyprinodon variegatus</i>	Sheepshead minnow	204	247
<i>Fundulus heteroclitus</i>	Mummichog	18	15
<i>Menidia menidia</i>	Atlantic silverside	12463	3139
<i>Apeltes quadracus</i>	Fourspine stickleback	797	189
<i>Gasterosteus aculeatus</i>	Threespine stickleback	8	30
<i>Syngnathus fuscus</i>	Northern pipefish	1564	134
<i>Centropristis striata</i>	Black sea bass	0	0
<i>Morone americana</i>	White perch	8	4
<i>Pomatomus saltatrix</i>	Bluefish	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0
<i>Selene vomer</i>	Lookdown	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	48	14
<i>Tautoga onitis</i>	Tautog	338	150
<i>Mugil curema</i>	White mullet	0	0
<i>Ammodytes sp.</i>	Sand lance	17	25
<i>Gobiosoma boscii</i>	Naked goby	69	104
<i>Astroscopus guttatus</i>	Northern stargazer	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	7
<i>Perprilus tricanthus</i>	Butterfish	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0
<i>Myoxocephalus aeneus</i>	Grubby	198	52
<i>Etropus microstomus</i>	Smallmouth flounder	65	39
<i>Paralichthys dentatus</i>	Summer flounder	0	0
<i>Scophthalmus aquosus</i>	Windowpane	71	8
<i>Pseudopleuronectes americanus</i>	Winter flounder	24594	3201
<i>Trinectes maculatus</i>	Hogchoker	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0
Total given		86513	14551
Total calculated		86410	14488
% represented by 100+		99.88	99.57

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	January	
	Week	1	2
	Dates	31-6	7-13
	Year	1979	1979
<i>Aequorea</i> spp.	a hydromedusa	0	0
Polychaeta (class)	bristle worms	339	873
<i>Limnus polyphemus</i>	Horseshoe crab	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	50516	13723
<i>Crangon septemspinosa</i>	Sand shrimp	338985	136330
<i>Cancer irroratus</i>	Rock crab	24	42
<i>Ovalipes ocellatus</i>	lady crab	0	0
<i>Portunus gibbesi</i>	a portunid crab	0	0
<i>Callinectes sapidus</i>	Blue crab	27	0
<i>Callinectes similis</i>	Lesser blue crab	0	0
Nemertea (phylum)	ribbon worms	0	0
Total given		389905	150975
Total calculated		389891	150968
% represented by 100+		100.00	100.00
Grand Total given		476420	165527
Grand Total calculated		476301	165456
% represented by 100+		99.98	99.96
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4. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.			
5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.			
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.			



Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	January (cont'd)		
	Week	3	4	Monthly
	Dates	14-20	21-27	Total
	Year	1979	1979	
<i>Anguilla rostrata</i>	American eel	30	0	109
<i>Alosa aestivalis</i>	Blueback herring	1012	2318	54954
<i>Alosa pseudoharengus</i>	Aelwife	22	450	1055
<i>Alosa sapidissima</i>	American shad	57	306	808
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	11	162
<i>Anchoa mitchilli</i>	Bay anchovy	18	0	66
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	48	51	130
<i>Rissola marginata</i>	Striped cuskeel	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	33	100
<i>Urophycis chuss</i>	Red hake	0	17	67
<i>Cyprinodon variegatus</i>	Sheepshead minnow	27	139	617
<i>Fundulus heteroclitus</i>	Mummichog	33	21	87
<i>Menidia menidia</i>	Atlantic silverside	1849	6056	23507
<i>Apeltes quadracus</i>	Fourspine stickleback	286	511	1783
<i>Gasterosteus aculeatus</i>	Threespine stickleback	28	1973	2039
<i>Syngnathus fuscus</i>	Northern pipefish	170	193	2061
<i>Centropristis striata</i>	Black sea bass	0	0	0
<i>Morone americana</i>	White perch	46	35	93
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	62
<i>Tautoga onitis</i>	Tautog	446	173	1107
<i>Mugil curema</i>	White mullet	0	0	0
<i>Ammodytes sp.</i>	Sand lance	34	131	207
<i>Gobiosoma boscii</i>	Naked goby	46	459	678
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	23	30
<i>Perprilus tricanthus</i>	Butterfish	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	0	43	293
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	104
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	17	32	128
<i>Pseudopleuronectes americanus</i>	Winter flounder	6649	16153	50597
<i>Trinectes maculatus</i>	Hogchoker	0	13	13
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given		10835	29193	141092
Total calculated		10818	29141	140857
% represented by 100+		99.84	99.82	99.83

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	January (cont'd)		
		3	4	Monthly
		14-20	21-27	Total
		1979	1979	
<i>Aequorea spp</i>	a hydromedusa	0	0	0
Polychaeta (class)	bristle worms	204	3882	5298
<i>Limnus polyphemus</i>	Horseshoe crab	0	0	0
<i>Panæus aztecus</i>	brown shrimp	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	9844	20459	94542
<i>Crangon septemspinosa</i>	Sand shrimp	237619	104006	816940
<i>Cancer irroratus</i>	Rock crab	13	16	95
<i>Ovalipes ocellatus</i>	lady crab	0	0	0
<i>Portunus gibbesi</i>	a portunid crab	0	0	0
<i>Callinectes sapidus</i>	Blue crab	0	0	27
<i>Callinectes similis</i>	Lesser blue crab	0	0	0
Nemertea (phylum)	ribbon worms	0	0	0
Total given		247690	128363	916933
Total calculated		247680	128363	916902
% represented by 100+		100.00	100.00	100.00
Grand Total given		258525	157556	1058028
Grand Total calculated		258498	157504	1057759
% represented by 100+		99.99	99.97	99.97
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Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	February	
		1	2
		Week	Week
		Dates	Dates
		28-3	4-10
	Year	1979	1979
<i>Anguilla rostrata</i>	American eel	28	15159
<i>Alosa aestivalis</i>	Blueback herring	3825	476
<i>Alosa pseudoharengus</i>	Aelwife	2353	138
<i>Alosa sapidissima</i>	American shad	69	23
<i>Brevoortia tyrannus</i>	Atlantic menhaden	33	0
<i>Anchoa mitchilli</i>	Bay anchovy	0	0
<i>Synodus foetens</i>	Inshore lizardfish	0	0
<i>Opsanus tau</i>	Oyster toadfish	21	56
<i>Rissola marginata</i>	Striped cuskeel	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0
<i>Merluccius bilinearis</i>	Silver hake	93	19
<i>Urophycis chuss</i>	Red hake	15	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	163	14
<i>Fundulus heteroclitus</i>	Mummichog	49	73
<i>Menidia menidia</i>	Atlantic silverside	10159	2779
<i>Apeltes quadracus</i>	Fourspine stickleback	502	1965
<i>Gasterosteus aculeatus</i>	Threespine stickleback	4605	411
<i>Syngnathus fuscus</i>	Northern pipefish	101	106
<i>Centropomus striata</i>	Black sea bass	0	0
<i>Morone americana</i>	White perch	21	19
<i>Pomatomus saltatrix</i>	Bluefish	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0
<i>Selene vomer</i>	Lookdown	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0	0
<i>Tautoga onitis</i>	Tautog	110	264
<i>Mugil curema</i>	White mullet	0	0
<i>Ammodytes sp.</i>	Sand lance	45	31
<i>Gobiosoma boscii</i>	Naked goby	58	151
<i>Astroscopus guffatus</i>	Northern stargazer	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	11	0
<i>Perprilus tricanthus</i>	Butterfish	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0
<i>Myoxocephalus aeneus</i>	Grubby	45	31
<i>Etropus microstomus</i>	Smallmouth flounder	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0
<i>Scophthalmus aquosus</i>	Windowpane	169	20
<i>Pseudopleuronectes americanus</i>	Winter flounder	13202	7203
<i>Trinectes maculatus</i>	Hogchoker	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0
Total given		35803	28992
Total calculated		35677	28938
% represented by 100+		99.65	99.81

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

		February	
		1	2
		28-3	4-10
		1979	1979
<i>Aequorea</i> spp.	a hydromedusa	0	0
Polychaeta (class)	bristle worms	888	143
<i>Limnus polyphemus</i>	Horseshoe crab	0	0
<i>Panæus aztecus</i>	brown shrimp	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	21910	18675
<i>Crangon septemspinosa</i>	Sand shrimp	183009	171337
<i>Cancer irroratus</i>	Rock crab	9	0
<i>Ovalipes ocellatus</i>	lady crab	0	0
<i>Portunus gibbesi</i>	a portunid crab	0	0
<i>Callinectes sapidus</i>	Blue crab	0	19
<i>Callinectes similis</i>	Lesser blue crab	0	0
Nemertea (phylum)	ribbon worms	0	0
Total given		205816	190278
Total calculated		205816	190174
% represented by 100+		100.00	99.95
Grand Total given		241619	219270
Grand Total calculated		241493	219112
% represented by 100+		99.95	99.93
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Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	February (cont'd)		
		3	4	Monthly
		11-17	18-24	Total
		1979	1979	
<i>Anguilla rostrata</i>	American eel	74	22	15283
<i>Alosa aestivalis</i>	Blueback herring	33	28	4362
<i>Alosa pseudoharengus</i>	Aelwife	4	7	2502
<i>Alosa sapidissima</i>	American shad	0	15	107
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	33
<i>Anchoa mitchilli</i>	Bay anchovy	0	0	0
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	47	28	152
<i>Rissola marginata</i>	Striped cuskeel	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	0	112
<i>Urophycis chuss</i>	Red hake	0	0	15
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	177
<i>Fundulus heteroclitus</i>	Mummichog	4	21	147
<i>Menidia menidia</i>	Atlantic silverside	112	334	13384
<i>Apeltes quadracus</i>	Fourspine stickleback	241	44	2752
<i>Gasterosteus aculeatus</i>	Threespine stickleback	17	51	5084
<i>Syngnathus fuscus</i>	Northern pipefish	0	15	222
<i>Centropristis striata</i>	Black sea bass	0	0	0
<i>Morone americana</i>	White perch	12	0	52
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Creville jack	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0	7	7
<i>Tautoga onitis</i>	Tautog	34	0	408
<i>Mugil curema</i>	White mullet	0	0	0
<i>Ammodytes sp.</i>	Sand lance	58	21	155
<i>Gobiosoma boscii</i>	Naked goby	41	7	257
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	11
<i>Perprilus tricanthus</i>	Butterfish	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	39	14	129
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0	0	189
<i>Pseudopleuronectes americanus</i>	Winter flounder	3321	419	24145
<i>Trinectes maculatus</i>	Hogchoker	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given		4058	1049	69902
Total calculated		4037	1033	69685
% represented by 100+		99.48	98.47	99.69

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	February (cont'd)		
	Week	3	4	Monthly
	Dates	11-17	18-24	Total
	Year	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa	0	0	0
Polychaeta (class)	bristle worms	112	29	1172
<i>Limnus polyphemus</i>	Horseshoe crab	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	129453	6626	176664
<i>Crangon septemspinosa</i>	Sand shrimp	280203	33357	667906
<i>Cancer irroratus</i>	Rock crab	4	35	48
<i>Ovalipes ocellatus</i>	lady crab	0	0	0
<i>Portunus gibbesi</i>	a portunid crab	0	0	0
<i>Callinectes sapidus</i>	Blue crab	4	0	23
<i>Callinectes similis</i>	Lesser blue crab	0	0	0
Nemertea (phylum)	ribbon worms	6	0	6
Total given		409821	40047	845962
Total calculated		409782	40047	845819
% represented by 100+		99.99	100.00	99.98
Grand Total given		413880	41096	915865
Grand Total calculated		413819	41080	915504
% represented by 100+		99.99	99.96	99.96
NOTES:				
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4. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.				

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	March		
	Week	1	2	3
	Dates	25-3	4-10	11-17
	Year	1979	1979	1979
<i>Anguilla rostrata</i>	American eel	0	76	4
<i>Alosa aestivalis</i>	Blueback herring	97	243	1778
<i>Alosa pseudoharengus</i>	Aelwife	57	272	1321
<i>Alosa sapidissima</i>	American shad	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	0	0	0
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	0	4	0
<i>Rissola marginata</i>	Striped cuskeel	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	0	0
<i>Urophycis chuss</i>	Red hake	0	5	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	34	83	55
<i>Fundulus heteroclitus</i>	Mummichog	12	615	327
<i>Menidia menidia</i>	Atlantic silverside	1083	2059	5707
<i>Apeltes quadracus</i>	Fourspine stickleback	93	602	518
<i>Gasterosteus aculeatus</i>	Threespine stickleback	1864	2962	4172
<i>Syngnathus fuscus</i>	Northern pipefish	7	21	252
<i>Centropristis striata</i>	Black sea bass	0	0	0
<i>Morone americana</i>	White perch	0	0	13
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Creville jack	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0
<i>Tautoga onitis</i>	Tautog	22	4	104
<i>Mugil curema</i>	White mullet	0	0	11
<i>Ammodytes sp.</i>	Sand lance	0	7	12
<i>Gobiosoma boscii</i>	Naked goby	0	4	0
<i>Astrosopus guttatus</i>	Northern stargazer	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	5	0
<i>Perprilus tricanthus</i>	Butterfish	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	8	16	26
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	5	9	12
<i>Pseudopleuronectes americanus</i>	Winter flounder	1170	1162	10202
<i>Trinectes maculatus</i>	Hogchoker	0	4	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given		4467	8187	24566
Total calculated		4452	8153	24514
% represented by 100+		99.66	99.58	99.79

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	March		
	Week	1	2	3
	Dates	25-3	4-10	11-17
	Year	1979	1979	1979
<i>Aequorea</i> spp.	a hydromedusa	0	0	0
Polychaeta (class)	bristle worms	46	2158	741
<i>Limnus polyphemus</i>	Horseshoe crab	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	8313	12884	10067
<i>Crangon septemspinosa</i>	Sand shrimp	28947	15634	104293
<i>Cancer irroratus</i>	Rock crab	8	138	36
<i>Ovalipes ocellatus</i>	lady crab	0	11	0
<i>Portunus gibbesi</i>	a portunid crab	0	0	0
<i>Callinectes sapidus</i>	Blue crab	7	75	0
<i>Callinectes similis</i>	Lesser blue crab	0	0	0
Nemertea (phylum)	ribbon worms	0	0	0
Total given		37324	30976	115228
Total calculated		37321	30900	115137
% represented by 100+		99.99	99.75	99.92
Grand Total given		41792	39163	139794
Grand Total calculated		41773	39053	139651
% represented by 100+		99.95	99.72	99.90
NOTES:				
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5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.				



Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	March (cont'd)		
	Week	4	5	Monthly
	Dates	18-24	25-31	Total
	Year	1979	1979	
<i>Anguilla rostrata</i>	American eel	18	28	126
<i>Alosa aestivalis</i>	Blueback herring	217	70	2405
<i>Alosa pseudoharengus</i>	Aelwife	269	56	1975
<i>Alosa sapidissima</i>	American shad	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	0	0	0
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	7	4	15
<i>Rissola marginata</i>	Striped cuskeel	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	0	0
<i>Urophycis chuss</i>	Red hake	0	0	5
<i>Cyprinodon variegatus</i>	Sheepshead minnow	14	4	190
<i>Fundulus heteroclitus</i>	Mummichog	304	105	1363
<i>Menidia menidia</i>	Atlantic silverside	468	441	9758
<i>Apeltes quadracus</i>	Fourspine stickleback	338	35	1586
<i>Gasterosteus aculeatus</i>	Threespine stickleback	591	203	9792
<i>Syngnathus fuscus</i>	Northern pipefish	1002	1117	2399
<i>Centropristis striata</i>	Black sea bass	0	0	0
<i>Morone americana</i>	White perch	7	0	20
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0
<i>Tautoga onitis</i>	Tautog	32	14	176
<i>Mugil curema</i>	White mullet	0	0	11
<i>Ammodytes sp.</i>	Sand lance	11	39	69
<i>Gobiosoma boscii</i>	Naked goby	0	0	4
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	5
<i>Perprilus tricanthus</i>	Butterfish	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	0	0	50
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	7	4	37
<i>Pseudopleuronectes americanus</i>	Winter flounder	170	28	12732
<i>Trinectes maculatus</i>	Hogchoker	7	0	11
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given		3493	2156	42869
Total calculated		3462	2148	42729
% represented by 100+		99.11	99.63	99.67

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	March (cont'd)		
	Week	4	5	Monthly
	Dates	18-24	25-31	Total
	Year	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa	0	0	0
Polychaeta (class)	bristle worms	364	14	3323
<i>Limnus polyphemus</i>	Horseshoe crab	4	0	4
<i>Panaeus aztecus</i>	brown shrimp	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	7402	4340	43006
<i>Crangon septemspinosa</i>	Sand shrimp	60583	27563	237020
<i>Cancer irroratus</i>	Rock crab	88	14	284
<i>Ovalipes ocellatus</i>	lady crab	155	25	191
<i>Portunus gibbesi</i>	a portunid crab	0	0	0
<i>Callinectes sapidus</i>	Blue crab	3428	224	3734
<i>Callinectes similis</i>	Lesser blue crab	0	0	0
Nemertea (phylum)	ribbon worms	4	21	25
Total given		72074	32200	287802
Total calculated		72028	32201	287587
% represented by 100+		99.94	100.00	99.93
Grand Total given		75566	34356	330671
Grand Total calculated		75490	34349	330316
% represented by 100+		99.90	99.98	99.89
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Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	April	
		1	2
		Week	Week
		Dates	Dates
		1-7	8-14
	Year	1979	1979
<i>Anguilla rostrata</i>	American eel	4	5
<i>Alosa aestivalis</i>	Blueback herring	252	966
<i>Alosa pseudoharengus</i>	Aelwife	87	368
<i>Alosa sapidissima</i>	American shad		
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	4	222
<i>Synodus foetens</i>	Inshore lizardfish		
<i>Opsanus tau</i>	Oyster toadfish	0	23
<i>Rissola marginata</i>	Striped cuskeel	4	9
<i>Strongylura marina</i>	Atlantic needlefish	0	0
<i>Merluccius bilinearis</i>	Silver hake		
<i>Urophycis chuss</i>	Red hake		
<i>Cyprinodon variegatus</i>	Sheepshead minnow		
<i>Fundulus heteroclitus</i>	Mummichog	42	86
<i>Menidia menidia</i>	Atlantic silverside	833	7466
<i>Apeltes quadracus</i>	Fourspine stickleback	67	289
<i>Gasterosteus aculeatus</i>	Threespine stickleback	144	900
<i>Syngnathus fuscus</i>	Northern pipefish	6920	5492
<i>Centropristis striata</i>	Black sea bass		
<i>Morone americana</i>	White perch		
<i>Pomatomus saltatrix</i>	Bluefish	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0
<i>Selene vomer</i>	Lookdown		
<i>Bairdiella chrysura</i>	Silver perch		
<i>Cynoscion regalis</i>	Weakfish	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0
<i>Leiostomus xanthurus</i>	Spot		
<i>Micropogon undulatus</i>	Atlantic croaker		
<i>Tautoga onitis</i>	Tautog	133	98
<i>Mugil curema</i>	White mullet		
<i>Ammodytes sp.</i>	Sand lance	65	67
<i>Gobiosoma boscii</i>	Naked goby		
<i>Astroscopus guttatus</i>	Northern stargazer		
<i>Hypsoblennius hentzi</i>	Feather blenny		
<i>Perprilus tricanthus</i>	Butterfish		
<i>Prionotus carolinus</i>	Northern searobin		
<i>Prionotus evolans</i>	Striped searobin		
<i>Myoxocephalus aeneus</i>	Grubby		
<i>Etropus microstomus</i>	Smallmouth flounder		
<i>Paralichthys dentatus</i>	Summer flounder	0	0
<i>Scophthalmus aquosus</i>	Windowpane	37	177
<i>Pseudopleuronectes americanus</i>	Winter flounder	200	84
<i>Trinectes maculatus</i>	Hogchoker	25	33
<i>Sphaeroides maculatus</i>	Northern puffer	0	0
Total given			
Total calculated		8817	16285
% represented by 100+			

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	April	
	Week	1	2
	Dates	1-7	8-14
	Year	1979	1979
<i>Aequorea</i> spp.	a hydromedusa		
Polychaeta (class)	bristle worms	49	51
<i>Limnus polyphemus</i>	Horseshoe crab	0	0
<i>Panaeus aztecus</i>	brown shrimp		
<i>Palaemonetes vulgaris</i>	grass shrimp	21788	9126
<i>Crangon septemspinosa</i>	Sand shrimp	92022	121532
<i>Cancer irroratus</i>	Rock crab	221	520
<i>Ovalipes ocellatus</i>	lady crab	32	74
<i>Portunus gibbesi</i>	a portunid crab		
<i>Callinectes sapidus</i>	Blue crab	3546	15827
<i>Callinectes similis</i>	Lesser blue crab		
Nemertea (phylum)	ribbon worms		
Total given			
Total calculated		117658	147130
% represented by 100+			
Grand Total given		126522	163513
Grand Total calculated		126475	163415
% represented by 100+		99.96	99.94
NOTES:			
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Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	April (cont'd)		
		3	4	Monthly
		15-21	22-28	Total
		1979	1979	
<i>Anguilla rostrata</i>	American eel	4	14	27
<i>Alosa aestivalis</i>	Blueback herring	32	483	1733
<i>Alosa pseudoharengus</i>	Aelwife	90	382	927
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	25	25
<i>Anchoa mitchilli</i>	Bay anchovy	704	28490	29420
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	28	67	118
<i>Rissola marginata</i>	Striped cuskeel	11	14	38
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	77	21	226
<i>Menidia menidia</i>	Atlantic silverside	672	476	9447
<i>Apeltes quadracus</i>	Fourspine stickleback	145	67	568
<i>Gasterosteus aculeatus</i>	Threespine stickleback	279	130	1453
<i>Syngnathus fuscus</i>	Northern pipefish	2650	3292	18354
<i>Centropomus striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Creville jack	0	0	0
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	23	18	272
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	110	4	246
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	0	4	4
<i>Scophthalmus aquosus</i>	Windowpane	42	511	767
<i>Pseudopleuronectes americanus</i>	Winter flounder	21	581	886
<i>Trinectes maculatus</i>	Hogchoker	16	168	242
<i>Sphaeroides maculatus</i>	Northern puffer	0	0	0
Total given				
Total calculated		4904	34747	64753
% represented by 100+				

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	April (cont'd)		
	Week	3	4	Monthly
	Dates	15-21	22-28	Total
	Year	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	0	46	146
<i>Limnus polyphemus</i>	Horseshoe crab	0	7	7
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	3989	12943	47846
<i>Crangon septemspinosa</i>	Sand shrimp	31278	565530	810362
<i>Cancer irroratus</i>	Rock crab	629	266	1636
<i>Ovalipes ocellatus</i>	lady crab	18	28	152
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	13398	18431	51202
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		49312	597251	911351
% represented by 100+				
Grand Total given		54277	632058	976370
Grand Total calculated		54216	631998	976104
% represented by 100+		99.89	99.99	99.97
NOTES:				
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2. Data presented by Ecological Associates are not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection.				
3. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals				
4. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.				

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	May		
	Week	1	2	3
	Dates	30-5	6-12	13-19
	Year	1979	1979	1979
<i>Anguilla rostrata</i>	American eel	5	7	7
<i>Alosa aestivalis</i>	Blueback herring	261	123	70
<i>Alosa pseudoharengus</i>	Aelwife	201	105	63
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	35	7	7
<i>Anchoa mitchilli</i>	Bay anchovy	9609	4417	2804
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	35	91	102
<i>Rissola marginata</i>	Striped cuskeel	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	4	4	0
<i>Menidia menidia</i>	Atlantic silverside	95	109	273
<i>Apeltes quadracus</i>	Fourspine stickleback	14	0	4
<i>Gasterosteus aculeatus</i>	Threespine stickleback	26	11	42
<i>Syngnathus fuscus</i>	Northern pipefish	1509	536	497
<i>Centropristis striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	0	0	11
<i>Caranx hippos</i>	Crevalle jack	0	0	0
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0	4	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	11	11	11
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0	0	0
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	33	7	7
<i>Pseudopleuronectes americanus</i>	Winter flounder	32	4	18
<i>Trinectes maculatus</i>	Hogchoker	110	42	116
<i>Sphoeroides maculatus</i>	Northern puffer	0	4	18
Total given				
Total calculated		11980	5482	4050
% represented by 100+				

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	May		
	Week	1	2	3
	Dates	30-5	6-12	13-19
	Year	1979	1979	1979
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	7	18	4
<i>Limnus polyphemus</i>	Horseshoe crab	14	1771	87
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	7000	67690	3630
<i>Crangon septemspinosa</i>	Sand shrimp	77669	4015	7406
<i>Cancer irroratus</i>	Rock crab	355	0	98
<i>Ovalipes ocellatus</i>	lady crab	70	133	14
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	8971	60	7308
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		94086	73687	18547
% represented by 100+				
Grand Total given		106110	79191	22628
Grand Total calculated		106066	79169	22597
% represented by 100+		99.96	99.97	99.86
NOTES:				
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4. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.				



Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	May (cont'd)		
	Week	4	5	Monthly
	Dates	20-26	27-2	Total
	Year	1979	1979	
<i>Anguilla rostrata</i>	American eel	11	4	34
<i>Alosa aestivalis</i>	Blueback herring	18	25	497
<i>Alosa pseudoharengus</i>	Aelwife	39	11	419
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	12	11	72
<i>Anchoa mitchilli</i>	Bay anchovy	3186	2700	22716
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	158	180	566
<i>Rissola marginata</i>	Striped cuskeel	14	0	14
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	7	4	19
<i>Menidia menidia</i>	Atlantic silverside	233	690	1400
<i>Apeltes quadracus</i>	Fourspine stickleback	4	0	22
<i>Gasterosteus aculeatus</i>	Threespine stickleback	22	53	154
<i>Syngnathus fuscus</i>	Northern pipefish	388	303	3233
<i>Centropristis striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	48	778	837
<i>Caranx hippos</i>	Crevalle jack	0	0	0
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0	0	4
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	0	25	58
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0	0	0
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	41	11	99
<i>Pseudopleuronectes americanus</i>	Winter flounder	7	64	125
<i>Trinectes maculatus</i>	Hogchoker	426	106	800
<i>Sphoeroides maculatus</i>	Northern puffer	14	7	43
Total given				
Total calculated		4628	4972	31112
% represented by 100+				

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	May (cont'd)		
	Week	4	5	Monthly
	Dates	20-26	27-2	Total
	Year	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	0	0	29
<i>Limnus polyphemus</i>	Horseshoe crab	33	165	2070
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	12604	5046	95970
<i>Crangon septemspinosa</i>	Sand shrimp	253532	23951	366573
<i>Cancer irroratus</i>	Rock crab	75	87	615
<i>Ovalipes ocellatus</i>	lady crab	202	64	483
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	7349	8049	31737
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		273795	37362	497477
% represented by 100+				
Grand Total given		278499	42395	528823
Grand Total calculated		278423	42334	528589
% represented by 100+		99.97	99.86	99.96
NOTES:				
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Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	June	
	Week	1	2
	Dates	3-9	10-16
	Year	1979	1979
<i>Anguilla rostrata</i>	American eel	28	7
<i>Alosa aestivalis</i>	Blueback herring	43	35
<i>Alosa pseudoharengus</i>	Aelwife	49	14
<i>Alosa sapidissima</i>	American shad		
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	14
<i>Anchoa mitchilli</i>	Bay anchovy	2405	2440
<i>Synodus foetens</i>	Inshore lizardfish		
<i>Opsanus tau</i>	Oyster toadfish	385	175
<i>Rissola marginata</i>	Striped cuskeel	0	14
<i>Strongylura marina</i>	Atlantic needlefish	0	0
<i>Merluccius bilinearis</i>	Silver hake		
<i>Urophycis chuss</i>	Red hake		
<i>Cyprinodon variegatus</i>	Sheepshead minnow		
<i>Fundulus heteroclitus</i>	Mummichog	7	0
<i>Menidia menidia</i>	Atlantic silverside	309	133
<i>Apeltes quadracus</i>	Fourspine stickleback	21	7
<i>Gasterosteus aculeatus</i>	Threespine stickleback	91	0
<i>Syngnathus fuscus</i>	Northern pipefish	846	389
<i>Centropristis striata</i>	Black sea bass		
<i>Morone americana</i>	White perch		
<i>Pomatomus saltatrix</i>	Bluefish	1914	2963
<i>Caranx hippos</i>	Creville jack	0	0
<i>Selene vomer</i>	Lookdown		
<i>Bairdiella chrysura</i>	Silver perch		
<i>Cynoscion regalis</i>	Weakfish	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0
<i>Leiostomus xanthurus</i>	Spot		
<i>Micropogon undulatus</i>	Atlantic croaker		
<i>Tautoga onitis</i>	Tautog	14	0
<i>Mugil curema</i>	White mullet		
<i>Ammodytes sp.</i>	Sand lance	0	0
<i>Gobiosoma boscii</i>	Naked goby		
<i>Astroscopus guttatus</i>	Northern stargazer		
<i>Hypsoblennius hentzi</i>	Feather blenny		
<i>Perprilus tricanthus</i>	Butterfish		
<i>Prionotus carolinus</i>	Northern searobin		
<i>Prionotus evolans</i>	Striped searobin		
<i>Myoxocephalus aeneus</i>	Grubby		
<i>Etropus microstomus</i>	Smallmouth flounder		
<i>Paralichthys dentatus</i>	Summer flounder	7	0
<i>Scophthalmus aquosus</i>	Windowpane	85	49
<i>Pseudopleuronectes americanus</i>	Winter flounder	84	154
<i>Trinectes maculatus</i>	Hogchoker	168	458
<i>Sphoeroides maculatus</i>	Northern puffer	49	7
Total given			
Total calculated		6505	6859
% represented by 100+			

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	June	
	Week	1	2
	Dates	3-9	10-16
	Year	1979	1979
<i>Aequorea</i> spp.	a hydromedusa		
Polychaeta (class)	bristle worms	0	7
<i>Limnus polyphemus</i>	Horseshoe crab	309	112
<i>Panaeus aztecus</i>	brown shrimp		
<i>Palaemonetes vulgaris</i>	grass shrimp	15427	2944
<i>Crangon septemspinosa</i>	Sand shrimp	26776	1139
<i>Cancer irroratus</i>	Rock crab	224	49
<i>Ovalipes ocellatus</i>	lady crab	77	42
<i>Portunus gibbesi</i>	a portunid crab		
<i>Callinectes sapidus</i>	Blue crab	8994	13467
<i>Callinectes similis</i>	Lesser blue crab		
Nemertea (phylum)	ribbon worms		
Total given			
Total calculated		51807	17760
% represented by 100+			
Grand Total given		58438	24715
Grand Total calculated		58312	24619
% represented by 100+		99.78	99.61
NOTES:			
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3. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals			
4. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.			
5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.			
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.			

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	June (cont'd)		
		3	4	Monthly
		17-23	24-30	Total
		1979	1979	
<i>Anguilla rostrata</i>	American eel	14	43	92
<i>Alosa aestivalis</i>	Blueback herring	42	14	134
<i>Alosa pseudoharengus</i>	Aelwife	0	57	120
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	108	122
<i>Anchoa mitchilli</i>	Bay anchovy	6356	17048	28249
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	96	312	968
<i>Rissola marginata</i>	Striped cuskeel	0	56	70
<i>Strongylura marina</i>	Atlantic needlefish	0	126	126
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	0	0	7
<i>Menidia menidia</i>	Atlantic silverside	112	29	583
<i>Apeltes quadracus</i>	Fourspine stickleback	0	14	42
<i>Gasterosteus aculeatus</i>	Threespine stickleback	21	0	112
<i>Syngnathus fuscus</i>	Northern pipefish	290	407	1932
<i>Centropomus striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	636	657	6170
<i>Caranx hippos</i>	Crevalle jack	0	29	29
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	0	0	14
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0	0	0
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	60	86	153
<i>Scophthalmus aquosus</i>	Windowpane	7	14	155
<i>Pseudopleuronectes americanus</i>	Winter flounder	177	35	450
<i>Trinectes maculatus</i>	Hogchoker	276	930	1832
<i>Sphaeroides maculatus</i>	Northern puffer	0	0	56
Total given				
Total calculated		8087	19965	41416
% represented by 100+				

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	June (cont'd)		
		3	4	Monthly
		17-23	24-30	Total
		1979	1979	
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	67	7	81
<i>Limnus polyphemus</i>	Horseshoe crab	325	118	864
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	2878	3245	24494
<i>Crangon septemspinosa</i>	Sand shrimp	1883	5778	35576
<i>Cancer irroratus</i>	Rock crab	18	14	305
<i>Ovalipes ocellatus</i>	lady crab	46	10	175
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	7073	14080	43614
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		12290	23252	105109
% represented by 100+				
Grand Total given		20595	43345	147093
Grand Total calculated		20377	43217	146525
% represented by 100+		98.94	99.70	99.61
NOTES:				
1. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros.				
2. Data presented by Ecological Associates are not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection.				
3. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals				
4. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.				

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	July	
		1	2
		1-7	8-14
		1979	1979
<i>Anguilla rostrata</i>	American eel	7	7
<i>Alosa aestivalis</i>	Blueback herring	66	57
<i>Alosa pseudoharengus</i>	Aelwife	35	95
<i>Alosa sapidissima</i>	American shad		
<i>Brevoortia tyrannus</i>	Atlantic menhaden	7	39
<i>Anchoa mitchilli</i>	Bay anchovy	5818	16439
<i>Synodus foetens</i>	Inshore lizardfish		
<i>Opsanus tau</i>	Oyster toadfish	273	365
<i>Rissola marginata</i>	Striped cuskeel	28	0
<i>Strongylura marina</i>	Atlantic needlefish	84	95
<i>Merluccius bilinearis</i>	Silver hake		
<i>Urophycis chuss</i>	Red hake		
<i>Cyprinodon variegatus</i>	Sheepshead minnow		
<i>Fundulus heteroclitus</i>	Mummichog	0	0
<i>Menidia menidia</i>	Atlantic silverside	21	0
<i>Apeltes quadracus</i>	Fourspine stickleback	15	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	196	208
<i>Centropristis striata</i>	Black sea bass		
<i>Morone americana</i>	White perch		
<i>Pomatomus saltatrix</i>	Bluefish	262	1165
<i>Caranx hippos</i>	Crevalle jack	53	55
<i>Selene vomer</i>	Lookdown		
<i>Bairdiella chrysura</i>	Silver perch		
<i>Cynoscion regalis</i>	Weakfish	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0
<i>Leiostomus xanthurus</i>	Spot		
<i>Micropogon undulatus</i>	Atlantic croaker		
<i>Tautoga onitis</i>	Tautog	7	11
<i>Mugil curema</i>	White mullet		
<i>Ammodytes sp.</i>	Sand lance	0	0
<i>Gobiosoma boscii</i>	Naked goby		
<i>Astroscopus guttatus</i>	Northern stargazer		
<i>Hypsoblennius hentzi</i>	Feather blenny		
<i>Parprilus tricanthus</i>	Butterfish		
<i>Prionotus carolinus</i>	Northern searobin		
<i>Prionotus evolans</i>	Striped searobin		
<i>Myoxocephalus aeneus</i>	Grubby		
<i>Etropus microstomus</i>	Smallmouth flounder		
<i>Paralichthys dentatus</i>	Summer flounder	150	714
<i>Scophthalmus aquosus</i>	Windowpane	28	57
<i>Pseudopleuronectes americanus</i>	Winter flounder	21	43
<i>Trinectes maculatus</i>	Hogchoker	84	157
<i>Sphaeroides maculatus</i>	Northern puffer	0	15
Total given			
Total calculated		7155	19522
% represented by 100+			

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND  
Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	July	
	Week	1	2
	Dates	1-7	8-14
	Year	1979	1979
<i>Aequorea</i> spp.	a hydromedusa		
Polychaeta (class)	bristle worms	0	0
<i>Limnus polyphemus</i>	Horseshoe crab	70	35
<i>Panaeus aztecus</i>	brown shrimp		
<i>Palaemonetes vulgaris</i>	grass shrimp	812	478
<i>Crangon septemspinosa</i>	Sand shrimp	168	616
<i>Cancer irroratus</i>	Rock crab	0	14
<i>Ovalipes ocellatus</i>	lady crab	14	0
<i>Portunus gibbesi</i>	a portunid crab		
<i>Callinectes sapidus</i>	Blue crab	10221	11118
<i>Callinectes similis</i>	Lesser blue crab		
Nemertea (phylum)	ribbon worms		
Total given			
Total calculated		11285	12261
% represented by 100+			
Grand Total given		18540	31927
Grand Total calculated		18440	31783
% represented by 100+		99.46	99.55
NOTES:			
1. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros.			
2. Data presented by Ecological Associates are not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection.			
3. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals			
4. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.			
5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.			
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.			



Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	July (cont'd)		
	Week	3	4	Monthly
	Dates	15-21	22-28	Total
	Year	1979	1979	
<i>Anguilla rostrata</i>	American eel	114	0	128
<i>Alosa aestivalis</i>	Blueback herring	83	69	275
<i>Alosa pseudoharengus</i>	Aelwife	0	0	130
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	42	66	154
<i>Anchoa mitchilli</i>	Bay anchovy	4854	3815	30926
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	14	97	749
<i>Rissola marginata</i>	Striped cuskeel	0	39	67
<i>Strongylura marina</i>	Atlantic needlefish	14	133	326
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	98	20	139
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	15
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	1405	884	2693
<i>Centropristis striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	129	145	1701
<i>Caranx hippos</i>	Crevalle jack	8	39	155
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	49	0	67
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0	0	0
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	0	28	892
<i>Scophthalmus aquosus</i>	Windowpane	0	0	85
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	256	320
<i>Trinectes maculatus</i>	Hogchoker	42	98	381
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	15
Total given				
Total calculated		6852	5689	39218
% represented by 100+				

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	July (cont'd)		
		3	4	Monthly
		15-21	22-28	Total
		1979	1979	
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	0	0	0
<i>Limnus polyphemus</i>	Horseshoe crab	28	0	133
<i>Panæus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	238	456	1984
<i>Crangon septemspinosa</i>	Sand shrimp	115	1193	2092
<i>Cancer irroratus</i>	Rock crab	0	0	14
<i>Ovalipes ocellatus</i>	lady crab	0	0	14
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	12135	21247	54721
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		12516	22896	58958
% represented by 100+				
Grand Total given		19443	28694	98604
Grand Total calculated		19368	28585	98176
% represented by 100+		99.61	99.62	99.57
NOTES:				
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Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	August		
		1	2	3
		Week	Week	Week
		Dates	Dates	Dates
		29-4	5-11	12-18
	Year	1979	1979	1979
<i>Anguilla rostrata</i>	American eel	0	0	0
<i>Alosa aestivalis</i>	Blueback herring	63	92	131
<i>Alosa pseudoharengus</i>	Aelwife	0	0	41
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	35	14	117
<i>Anchoa mitchilli</i>	Bay anchovy	1089	2072	4703
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	112	11	135
<i>Rissola marginata</i>	Striped cuskeel	0	0	14
<i>Strongylura marina</i>	Atlantic needlefish	119	7	28
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	0	30	35
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	1048	105	592
<i>Centropristis striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	362	18	239
<i>Caranx hippos</i>	Crevalle jack	28	0	57
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0	1673	422
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	21
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	0	7	0
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0	0	0
<i>Gobiosoma bosci</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	146	0	35
<i>Scophthalmus aquosus</i>	Windowpane	62	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0
<i>Trinectes maculatus</i>	Hogchoker	28	0	7
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given				
Total calculated		3092	4029	6577
% represented by 100+				

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	August		
	Week	1	2	3
	Dates	29-4	5-11	12-18
	Year	1979	1979	1979
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	0	0	14
<i>Limnus polyphemus</i>	Horseshoe crab	0	7	21
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	83	14	174
<i>Crangon septemspinosa</i>	Sand shrimp	27	0	0
<i>Cancer irroratus</i>	Rock crab	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	28	0	83
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	12869	6094	13919
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		13007	6115	14211
% represented by 100+				
Grand Total given		16213	10184	20934
Grand Total calculated		16099	10144	20788
% represented by 100+		99.30	99.61	99.30
NOTES:				
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2. Data presented by Ecological Associates are not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection.				
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Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	August (cont'd)		
	Week	4	5	Monthly
	Dates	19-25	26-31	Total
	Year	1979	1979	
<i>Anguilla rostrata</i>	American eel	0	0	0
<i>Alosa aestivalis</i>	Blueback herring	14	56	356
<i>Alosa pseudoharengus</i>	Aelwife	0	14	55
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	29	62	257
<i>Anchoa mitchilli</i>	Bay anchovy	3125	6617	17606
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	30	188	476
<i>Rissola marginata</i>	Striped cuskeel	29	0	43
<i>Strongylura marina</i>	Atlantic needlefish	35	0	189
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	14	11	90
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	44	42	1831
<i>Centropristis striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	0	14	633
<i>Caranx hippos</i>	Crevale jack	7		92
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	1100	1590	4785
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	21
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	0	0	7
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0	0	0
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	11	66	258
<i>Scophthalmus aquosus</i>	Windowpane	0	0	62
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0
<i>Trinectes maculatus</i>	Hogchoker	0	14	49
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given				
Total calculated		4438	8674	26810
% represented by 100+				

Estimated Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night During April and May 1979

	Month	August (cont'd)		
	Week	4	5	Monthly
	Dates	19-25	26-31	Total
	Year	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	0	0	14
<i>Limnus polyphemus</i>	Horseshoe crab	17	0	45
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	0	0	271
<i>Crangon septemspinosa</i>	Sand shrimp	14	0	41
<i>Cancer irroratus</i>	Rock crab	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	37	0	148
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	17098	19504	69484
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		17166	19504	70003
% represented by 100+				
Grand Total given		21710	28251	97292
Grand Total calculated		21604	28178	96813
% represented by 100+		99.51	99.74	99.51
NOTES:				
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4. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
5. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
6. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year between September 1976 and March 1979. This note applies only to data from September through March. Rows shaded in gray indicate these organisms. Blank cells should not be assumed to represent zeros. Zeros have been input when the quantity is actually zero.				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	September			
		1	2	3	Monthly
		3-9	10-16	17-23	Total
		1978	1978	1978	
<i>Anguilla rostrata</i>	American eel	3.018	0.938	0	3.956
<i>Alosa aestivalis</i>	Blueback herring	3.462	4.231	1.442	9.135
<i>Alosa pseudoharengus</i>	Aelwife	0.879	0.079	0	0.958
<i>Alosa sapidissima</i>	American shad	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	2.615	2.831	0	5.446
<i>Anchoa mitchilli</i>	Bay anchovy	0.615	2.617	0	3.232
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	2.493	5.472	0.028	7.993
<i>Rissola marginata</i>	Striped cuskeel	0	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0.133	0	0.133
<i>Merluccius bilinearis</i>	Silver hake	0	0	0	0
<i>Urophycis chuss</i>	Red hake	0	0	0	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0	0
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	0	0.063	0	0.063
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	0.011	0.401	0	0.412
<i>Centropristis striata</i>	Black sea bass	0	0	0	0
<i>Morone americana</i>	White perch	0	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	0.518	0.218	0.014	0.75
<i>Caranx hippos</i>	Creville jack	0.007	0.115	0	0.122
<i>Selene vomer</i>	Lookdown	0.035	0.102	0	0.137
<i>Bairdiella chrysura</i>	Silver perch	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0.571	2.251	0	2.822
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0	0
<i>Microgobius undulatus</i>	Atlantic croaker	0	0	0	0
<i>Tautoga onitis</i>	Tautog	0	0	0	0
<i>Mugil curema</i>	White mullet	0	0.159	0	0.159
<i>Ammodytes sp.</i>	Sand lance	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	0	0	0	0
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0.031	0	0.031
<i>Perprilus tricanthus</i>	Butterfish	0	0.004	0	0.004
<i>Prionotus carolinus</i>	Northern searobin	0	0	0.119	0.119
<i>Prionotus evolans</i>	Striped searobin	0.158	2.016	0	2.174
<i>Myoxocephalus aeneus</i>	Grubby	0	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0	0	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0	0
<i>Trinectes maculatus</i>	Hogchoker	0.057	0.186	0	0.243
<i>Sphoeroides maculatus</i>	Northern puffer	1.78	2.365	0	4.145
Total given		16.219	24.079	1.603	41.901
Total calculated		16.219	24.212	1.603	42.034
% represented by 100+		100.00	100.55	100.00	100.32

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and

Total for June-August 1979

	Month	September			
		1	2	3	Monthly
		Week	Week	Week	Total
		dates	10-16	17-23	Total
	Year	1978	1978	1978	
<i>Aequorea</i> spp.	a hydromedusa	0.559	0	0	0.559
Polychaeta (class)	bristle worms	0	0	0	0
<i>Limulus polyphemus</i>	horseshoe crab	3.234	0	0	3.234
<i>Panaeus aztecus</i>	brown shrimp	0.425	1.878	0.07	2.373
<i>Palaemonetes vulgaris</i>	grass shrimp	0.004	0.004	0	0.008
<i>Crangon septemspinosa</i>	Sand shrimp	0.004	0	0	0.004
<i>Cancer irroratus</i>	Rock crab	0	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	0.132	0.229	0.021	0.382
<i>Portunus gibbesi</i>	a portunid crab	0.014	0	0	0.014
<i>Callinectes sapidus</i>	Blue crab	819.455	830.969	42.364	1692.788
<i>Callinectes similis</i>	Lesser blue crab	0.077	0.065	0	0.142
Nemertea (phylum)	ribbon worms	0.018	0.039	0	0.057
Total given		820.688	833.184	42.455	1696.327
Total calculated		823.922	833.184	42.455	1699.561
% represented by 100+		100.39	100.00	100.00	100.19
Grand Total given		836.907	857.263	44.058	1738.228
Grand Total calculated		840.141	857.396	44.058	1741.595
% represented by 100+		100.39	100.02	100.00	100.19
NOTES:					
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms					
2. OCNCS did not operate from 19 September to 21 November 1978					
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.					
4. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros, but rather areas where data are lacking					
5. Data presented by Ecological Associates is not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection					
6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals					
7. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.					
8. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.					
9. The "Total Given" column includes all organisms impinged, not just the ones listed in the table. "Total Calculated" uses Excel to sum the given species. "%represented by 100+" is calculated by "total calculated" over "total given"					



Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	November
	Week	4
	dates	19-25
	Year	1978
<i>Anguilla rostrata</i>	American eel	0
<i>Alosa aestivalis</i>	Blueback herring	0
<i>Alosa pseudoharengus</i>	Aelwife	0
<i>Alosa sapidissima</i>	American shad	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0
<i>Anchoa mitchilli</i>	Bay anchovy	0
<i>Synodus foetens</i>	Inshore lizardfish	0
<i>Opsanus tau</i>	Oyster toadfish	1.505
<i>Rissola marginata</i>	Striped cuskeel	0
<i>Strongylura marina</i>	Atlantic needlefish	0
<i>Merluccius bilinearis</i>	Silver hake	0
<i>Urophycis chuss</i>	Red hake	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0
<i>Fundulus heteroclitus</i>	Mummichog	0
<i>Menidia menidia</i>	Atlantic silverside	0
<i>Apeltes quadracus</i>	Fourspine stickleback	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0
<i>Syngnathus fuscus</i>	Northern pipefish	4.543
<i>Centropristis striata</i>	Black sea bass	0.056
<i>Morone americana</i>	White perch	0
<i>Pomatomus saltatrix</i>	Bluefish	0
<i>Caranx hippos</i>	Creville jack	0
<i>Selene vomer</i>	Lookdown	0
<i>Bairdiella chrysura</i>	Silver perch	0.042
<i>Cynoscion regalis</i>	Weakfish	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0
<i>Leiostomus xanthurus</i>	Spot	0
<i>Micropogon undulatus</i>	Atlantic croaker	0
<i>Tautoga onitis</i>	Tautog	0
<i>Mugil curema</i>	White mullet	0
<i>Ammodytes sp.</i>	Sand lance	0
<i>Gobiosoma boscii</i>	Naked goby	0
<i>Astrosopus guttatus</i>	Northern stargazer	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0.21
<i>Perprilus tricanthus</i>	Butterfish	0
<i>Prionotus carolinus</i>	Northern searobin	0
<i>Prionotus evolans</i>	Striped searobin	0.28
<i>Myoxocephalus aeneus</i>	Grubby	0
<i>Etropus microstomus</i>	Smallmouth flounder	0
<i>Paralichthys dentatus</i>	Summer flounder	0
<i>Scophthalmus aquosus</i>	Windowpane	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	0
<i>Trinectes maculatus</i>	Hogchoker	0
<i>Sphoeroides maculatus</i>	Northern puffer	0
Total given		6.636
Total calculated		6.636
% represented by 100+		100.00

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND  
Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	November
	Week	4
	dates	19-25
	Year	1978
<i>Aequorea</i> spp.	a hydromedusa	0
Polychaeta (class)	bristle worms	0
<i>Limulus polyphemus</i>	horseshoe crab	0
<i>Panaeus aztecus</i>	brown shrimp	0
<i>Palaemonetes vulgaris</i>	grass shrimp	0.007
<i>Crangon septemspinosa</i>	Sand shrimp	0.021
<i>Cancer irroratus</i>	Rock crab	0
<i>Ovalipes ocellatus</i>	lady crab	7.399
<i>Portunus gibbesi</i>	a portunid crab	0
<i>Callinectes sapidus</i>	Blue crab	0.14
<i>Callinectes similis</i>	Lesser blue crab	0
Nemertea (phylum)	ribbon worms	0
<b>Total given</b>		<b>7.567</b>
<b>Total calculated</b>		<b>7.567</b>
<b>% represented by 100+</b>		<b>100.00</b>
<b>Grand Total given</b>		<b>14.203</b>
<b>Grand Total calculated</b>		<b>14.203</b>
<b>% represented by 100+</b>		<b>100.00</b>
<b>NOTES:</b>		
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms		
2. OCNBS did not operate from 19 September to 21 November 1978		
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.		
4. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros, but rather areas where data are lacking		
5. Data presented by Ecological Associates is not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection		
6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals		
7. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.		
8. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.		
9. The "Total Given" column includes all organisms impinged, not just the ones listed in the table. "Total Calculated" uses Excel to sum the given species. "%represented by 100+" is calculated by "total calculated" over "total given"		

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	December		
		1	2	3
		26-2	3-9	10-16
		1978	1978	1978
<i>Anguilla rostrata</i>	American eel	2.927	0.381	0.945
<i>Alosa aestivalis</i>	Blueback herring	0.112	0.326	35.031
<i>Alosa pseudoharengus</i>	Aelwife	0	0.032	0.585
<i>Alosa sapidissima</i>	American shad	0	0	0.084
<i>Brevoortia tyrannus</i>	Atlantic menhaden	1.834	11.045	315.006
<i>Anchoa mitchilli</i>	Bay anchovy	0.322	0.057	6.023
<i>Synodus foetens</i>	Inshore lizardfish	0.084	0	0
<i>Opsanus tau</i>	Oyster toadfish	0.014	0.398	0.78
<i>Rissola marginata</i>	Striped cuskeel	1.043	0.123	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	0	0.843
<i>Urophycis chuss</i>	Red hake	0	0	0.079
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0.014	0.004	0.045
<i>Fundulus heteroclitus</i>	Mummichog	0.453	0.216	0.048
<i>Menidia menidia</i>	Atlantic silverside	3.421	4.748	210.063
<i>Apeltes quadracus</i>	Fourspine stickleback	0.007	0.145	0.168
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0.004	0.032
<i>Syngnathus fuscus</i>	Northern pipefish	6.194	4.7	4.353
<i>Centropristis striata</i>	Black sea bass	0.189	0.018	8.241
<i>Morone americana</i>	White perch	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0.053	0.033
<i>Cynoscion regalis</i>	Weakfish	0	0.088	2.344
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0.299
<i>Micropogon undulatus</i>	Atlantic croaker	0	0.029	0.089
<i>Tautoga onitis</i>	Tautog	3.966	2.203	15.982
<i>Mugil curema</i>	White mullet	0	0	0
<i>Ammodytes sp.</i>	Sand lance	0	0	0.098
<i>Gobiosoma boscii</i>	Naked goby	0.019	0.366	5.079
<i>Astroscopus guttatus</i>	Northern stargazer	0	0.259	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0.2	0.007
<i>Perprilus tricanthus</i>	Butterfish	0	0	2.917
<i>Prionotus carolinus</i>	Northern searobin	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0.541	0.109	1.089
<i>Myoxocephalus aeneus</i>	Grubby	0	0.077	0.148
<i>Etropus microstomus</i>	Smallmouth flounder	8.371	1.523	8.79
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0.009
<i>Scophthalmus aquosus</i>	Windowpane	4.466	0.291	8.402
<i>Pseudopleuronectes americanus</i>	Winter flounder	1.054	11.603	163.012
<i>Trinectes maculatus</i>	Hogchoker	0	0.969	0.07
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given		35.031	39.967	790.694
Total calculated		35.031	39.967	790.694
% represented by 100+		100.00	100.00	100.00

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and

Total for June-August 1979

	Month	December		
		1	2	3
		Week	Week	Week
		dates	dates	dates
		Year	Year	Year
		26-2	3-9	10-16
		1978	1978	1978
<i>Aequorea</i> spp.	a hydromedusa	0	0.035	0
Polychaeta (class)	bristle worms	0.049	0.548	0.566
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	0.47	1.826	10.75
<i>Crangon septemspinosa</i>	Sand shrimp	137.948	95.296	354.92
<i>Cancer irroratus</i>	Rock crab	0.979	12.625	14.521
<i>Ovalipes ocellatus</i>	lady crab	1.661	7.339	1.507
<i>Portunus gibbesi</i>	a portunid crab	0	0	0
<i>Callinectes sapidus</i>	Blue crab	0.007	2.359	0.466
<i>Callinectes similis</i>	Lesser blue crab	0	0	0
Nemertea (phylum)	ribbon worms	0.084	0.651	0.115
Total given		141.198	120.679	382.845
Total calculated		141.198	120.679	382.845
% represented by 100+		100.00	100.00	100.00
Grand Total given		176.229	160.646	1173.539
Grand Total calculated		176.229	160.646	1173.539
% represented by 100+		100.00	100.00	100.00
NOTES:				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNBS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
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Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	December (cont'd)		
	Week	4	5	Monthly
	dates	17-23	24-30	Total
	Year	1978	1978	
<i>Anguilla rostrata</i>	American eel	20.012	5.494	29.759
<i>Alosa aestivalis</i>	Blueback herring	20.819	24.808	81.096
<i>Alosa pseudoharengus</i>	Aelwife	0.158	17.082	17.857
<i>Alosa sapidissima</i>	American shad	0.497	1.677	2.258
<i>Brevoortia tyrannus</i>	Atlantic menhaden	284.317	23.87	636.072
<i>Anchoa mitchilli</i>	Bay anchovy	0.412	0.729	7.543
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0.084
<i>Opsanus tau</i>	Oyster toadfish	0.501	0.66	2.353
<i>Rissola marginata</i>	Striped cuskeel	0	0	1.166
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	17.517	18.36
<i>Urophycis chuss</i>	Red hake	0.988	2.464	3.531
<i>Cyprinodon variegatus</i>	Sheepshead minnow	1.146	0.757	1.966
<i>Fundulus heteroclitus</i>	Mummichog	0.223	0.208	1.148
<i>Menidia menidia</i>	Atlantic silverside	8.437	32.017	258.686
<i>Apeltes quadracus</i>	Fourspine stickleback	0.838	1.152	2.31
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.023	0.027	0.086
<i>Syngnathus fuscus</i>	Northern pipefish	3.022	1.815	20.084
<i>Centropristis striata</i>	Black sea bass	0.011	0	8.459
<i>Morone americana</i>	White perch	1.032	8.459	9.491
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0.086
<i>Cynoscion regalis</i>	Weakfish	0	0	2.432
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0.299
<i>Micropogon undulatus</i>	Atlantic croaker	0.042	0.023	0.183
<i>Tautoga onitis</i>	Tautog	25.651	15.42	63.222
<i>Mugil curema</i>	White mullet	0	0	0
<i>Ammodytes sp.</i>	Sand lance	0.389	0.016	0.503
<i>Gobiosoma boscii</i>	Naked goby	1.681	0.789	7.934
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0.259
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0.193	0.4
<i>Perprilus tricanthus</i>	Butterfish	0	0	2.917
<i>Prionotus carolinus</i>	Northern searobin	0.008	0	0.008
<i>Prionotus evolans</i>	Striped searobin	0.227	0	1.966
<i>Myoxocephalus aeneus</i>	Grubby	1.808	0.913	2.946
<i>Etropus microstomus</i>	Smallmouth flounder	0.892	0.456	20.032
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0.009
<i>Scophthalmus aquosus</i>	Windowpane	8.584	0.033	21.776
<i>Pseudopleuronectes americanus</i>	Winter flounder	1622.103	648.256	2446.028
<i>Trinectes maculatus</i>	Hogchoker	0	0.469	1.508
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given		2003.821	805.304	3674.817
Total calculated		2003.821	805.304	3674.817
% represented by 100+		100.00	100.00	100.00

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	December (cont'd)		
	Week	4	5	Monthly
	dates	17-23	24-30	Total
	Year	1978	1978	
<i>Aequorea</i> spp.	a hydromedusa	0.539	0.094	0.688
Polychaeta (class)	bristle worms	1.814	0.967	3.944
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	10.552	16.414	40.012
<i>Crangon septemspinosa</i>	Sand shrimp	524.833	463.734	1576.731
<i>Cancer irroratus</i>	Rock crab	3.28	0.784	32.189
<i>Ovalipes ocellatus</i>	lady crab	0.029	0	10.536
<i>Portunus gibbesi</i>	a portunid crab	0	0	0
<i>Callinectes sapidus</i>	Blue crab	0	0.185	3.017
<i>Callinectes similis</i>	Lesser blue crab	0	0	0
Nemertea (phylum)	ribbon worms	0	0.018	0.868
Total given		541.047	482.196	1667.965
Total calculated		541.047	482.196	1667.965
% represented by 100+		100.00	100.00	100.00
Grand Total given		2544.868	1287.5	5342.782
Grand Total calculated		2544.868	1287.5	5342.782
% represented by 100+		100.00	100.00	100.00
NOTES:				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNGS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
4. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros, but rather areas where data are lacking				
5. Data presented by Ecological Associates is not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection				
6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals				
7. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
8. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
9. The "Total Given" column includes all organisms impinged, not just the ones listed in the table. "Total Calculated" uses Excel to sum the given species. "%represented by 100+" is calculated by "total calculated" over "total given"				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND  
Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	January	
	Week	1	2
	dates	31-6	7-13
	Year	1979	1979
<i>Anguilla rostrata</i>	American eel	54.063	4.621
<i>Alosa aestivalis</i>	Blueback herring	132.951	20.461
<i>Alosa pseudoharengus</i>	Aelwife	8.709	1.207
<i>Alosa sapidissima</i>	American shad	3.989	0.217
<i>Brevoortia tyrannus</i>	Atlantic menhaden	10.528	0.013
<i>Anchoa mitchilli</i>	Bay anchovy	0.134	0.051
<i>Synodus foetens</i>	Inshore lizardfish	0	0
<i>Opsanus tau</i>	Oyster toadfish	0.062	0.021
<i>Rissola marginata</i>	Striped cuskeel	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0
<i>Merluccius bilinearis</i>	Silver hake	12.058	1.208
<i>Urophycis chuss</i>	Red hake	0.828	0.15
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0.343	0.397
<i>Fundulus heteroclitus</i>	Mummichog	0.025	0.069
<i>Menidia menidia</i>	Atlantic silverside	53.953	12.715
<i>Apeltes quadracus</i>	Fourspine stickleback	0.752	0.229
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.008	0.047
<i>Syngnathus fuscus</i>	Northern pipefish	2.093	0.174
<i>Centropristis striata</i>	Black sea bass	0	0
<i>Morone americana</i>	White perch	1.008	1.466
<i>Pomatomus saltatrix</i>	Bluefish	0	0
<i>Caranx hippos</i>	Creville jack	0	0
<i>Selene vomer</i>	Lookdown	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0.048	0.014
<i>Tautoga onitis</i>	Tautog	2.974	2.178
<i>Mugil curema</i>	White mullet	0	0
<i>Ammodytes sp.</i>	Sand lance	0.094	0.071
<i>Gobiosoma boscii</i>	Naked goby	0.085	0.09
<i>Astroscopus guttatus</i>	Northern stargazer	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0.094
<i>Perprilus tricanthus</i>	Butterfish	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0
<i>Myoxocephalus aeneus</i>	Grubby	2.867	1.094
<i>Etropus microstomus</i>	Smallmouth flounder	0.171	0.147
<i>Paralichthys dentatus</i>	Summer flounder	0	0
<i>Scophthalmus aquosus</i>	Windowpane	4.282	0.613
<i>Pseudopleuronectes americanus</i>	Winter flounder	6157.765	193.185
<i>Trinectes maculatus</i>	Hogchoker	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0
Total given		6449.79	240.532
Total calculated		6449.79	240.532
% represented by 100+		100.00	100.00

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND  
Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	January	
	Week	1	2
	dates	31-6	7-13
	Year	1979	1979
<i>Aequorea spp.</i>	a hydromedusa	0	0
Polychaeta (class)	bristle worms	0.834	2.504
<i>Limulus polyphemus</i>	horseshoe crab	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	19.791	6.085
<i>Crangon septemspinosa</i>	Sand shrimp	294.721	123.492
<i>Cancer irroratus</i>	Rock crab	1.717	2.578
<i>Ovalipes ocellatus</i>	lady crab	0	0
<i>Portunus gibbesi</i>	a portunid crab	0	0
<i>Callinectes sapidus</i>	Blue crab	0.027	0
<i>Callinectes similis</i>	Lesser blue crab	0	0
Nemertea (phylum)	ribbon worms	0	0
Total given		317.09	134.659
Total calculated		317.09	134.659
% represented by 100+		100.00	100.00
Grand Total given		6766.88	375.191
Grand Total calculated		6766.88	375.191
% represented by 100+		100.00	100.00
<b>NOTES:</b>			
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms			
2. OCNBS did not operate from 19 September to 21 November 1978			
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.			
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6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals			
7. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.			
8. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.			
9. The "Total Given" column includes all organisms impinged, not just the ones listed in the table. "Total Calculated" uses Excel to sum the given species. "%represented by 100+" is calculated by "total calculated" over "total given"			



Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	January (cont'd)		
	Week	3	4	Monthly
	dates	14-20	21-27	Total
	Year	1979	1979	
<i>Anguilla rostrata</i>	American eel	2.708	0	61.392
<i>Alosa aestivalis</i>	Blueback herring	2.671	9.343	165.426
<i>Alosa pseudoharengus</i>	Aelwife	0.145	3.427	13.488
<i>Alosa sapidissima</i>	American shad	0.461	2.183	6.85
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0.14	10.681
<i>Anchoa mitchilli</i>	Bay anchovy	0.014	0	0.199
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	1.848	0.351	2.282
<i>Rissola marginata</i>	Striped cuskeel	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	5.061	18.327
<i>Urophycis chuss</i>	Red hake	0	0.275	1.253
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0.668	0.218	1.626
<i>Fundulus heteroclitus</i>	Mummichog	0.074	0.165	0.333
<i>Menidia menidia</i>	Atlantic silverside	6.193	24.412	97.273
<i>Apeltes quadracus</i>	Fourspine stickleback	1.05	0.595	2.626
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.056	4.946	5.057
<i>Syngnathus fuscus</i>	Northern pipefish	0.3	0.329	2.896
<i>Centropristis striata</i>	Black sea bass	0	0	0
<i>Morone americana</i>	White perch	17.635	2.998	23.107
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Creville jack	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0.062
<i>Tautoga onitis</i>	Tautog	69.372	5.355	79.879
<i>Mugil curema</i>	White mullet	0	0	0
<i>Ammodytes sp.</i>	Sand lance	0.075	0.188	0.428
<i>Gobiosoma boscii</i>	Naked goby	0.033	0.537	0.745
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0.152	0.246
<i>Perprilus tricanthus</i>	Butterfish	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	0	0.517	4.478
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0.318
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0.174	1.426	6.495
<i>Pseudopleuronectes americanus</i>	Winter flounder	1296.298	2782.394	10429.642
<i>Trinectes maculatus</i>	Hogchoker	0	0.313	0.313
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given		1399.775	2845.325	10935.422
Total calculated		1399.775	2845.325	10935.422
% represented by 100+		100.00	100.00	100.00

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND  
Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	January (cont'd)		
	Week	3	4	Monthly
	dates	14-20	21-27	Total
	Year	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa	0	0	0
Polychaeta (class)	bristle worms	0.304	16.338	19.98
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	5.379	10.333	41.588
<i>Crangon septemspinosa</i>	Sand shrimp	197.436	83.099	698.748
<i>Cancer irroratus</i>	Rock crab	0.74	1.236	6.271
<i>Ovalipes ocellatus</i>	lady crab	0	0	0
<i>Portunus gibbesi</i>	a portunid crab	0	0	0
<i>Callinectes sapidus</i>	Blue crab	0	0	0.027
<i>Callinectes similis</i>	Lesser blue crab	0	0	0
Nemertea (phylum)	ribbon worms	0	0	0
Total given		203.859	111.007	766.615
Total calculated		203.859	111.006	766.614
% represented by 100+		100.00	100.00	100.00
Grand Total given		1603.634	2956.332	11702.037
Grand Total calculated		1603.634	2956.331	11702.036
% represented by 100+		100.00	100.00	100.00
NOTES:				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNCS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
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Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND  
Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	February	
	Week	1	2
	dates	28-3	4-10
	Year	1979	1979
<i>Anguilla rostrata</i>	American eel	5.661	4.784
<i>Alosa aestivalis</i>	Blueback herring	23.536	1.166
<i>Alosa pseudoharengus</i>	Aelwife	29.836	0.947
<i>Alosa sapidissima</i>	American shad	0.543	0.307
<i>Brevoortia tyrannus</i>	Atlantic menhaden	1	0
<i>Anchoa mitchilli</i>	Bay anchovy	0	0
<i>Synodus foetens</i>	Inshore lizardfish	0	0
<i>Opsanus tau</i>	Oyster toadfish	0.041	0.103
<i>Rissola marginata</i>	Striped cuskeel	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0
<i>Merluccius bilinearis</i>	Silver hake	12.969	3.114
<i>Urophycis chuss</i>	Red hake	0.167	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0.204	0.014
<i>Fundulus heteroclitus</i>	Mummichog	0.042	0.154
<i>Menidia menidia</i>	Atlantic silverside	50.26	9.979
<i>Apeltes quadracus</i>	Fourspine stickleback	0.559	1.54
<i>Gasterosteus aculeatus</i>	Threespine stickleback	11.276	0.902
<i>Syngnathus fuscus</i>	Northern pipefish	0.156	0.179
<i>Centropomus striata</i>	Black sea bass	0	0
<i>Morone americana</i>	White perch	6.557	1.44
<i>Pomatomus saltatrix</i>	Bluefish	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0
<i>Selene vomer</i>	Lookdown	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0	0
<i>Tautoga onitis</i>	Tautog	1.473	5.329
<i>Mugil curema</i>	White mullet	0	0
<i>Ammodytes sp.</i>	Sand lance	0.244	0.078
<i>Gobiosoma boscii</i>	Naked goby	0.067	0.167
<i>Astroscopus guttatus</i>	Northern stargazer	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0.129	0
<i>Parprilus tricanthus</i>	Butterfish	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0
<i>Myoxocephalus aeneus</i>	Grubby	0.524	0.115
<i>Etropus microstomus</i>	Smallmouth flounder	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0
<i>Scophthalmus aquosus</i>	Windowpane	5.316	0.04
<i>Pseudopleuronectes americanus</i>	Winter flounder	2206.549	993.489
<i>Trinectes maculatus</i>	Hogchoker	0	0
<i>Sphaeroides maculatus</i>	Northern puffer	0	0
Total given		2357.109	1023.847
Total calculated		2357.109	1023.847
% represented by 100+		100.00	100.00

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and

Total for June-August 1979

	Month	February	
		1	2
		Week	Week
		dates	dates
	Year	1979	1979
<i>Aequorea</i> spp.	a hydromedusa	0	0
Polychaeta (class)	bristle worms	2.874	0.262
<i>Limulus polyphemus</i>	horseshoe crab	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	11.347	8.33
<i>Crangon septemspinosa</i>	Sand shrimp	140.451	138.906
<i>Cancer irroratus</i>	Rock crab	0.668	0
<i>Ovalipes ocellatus</i>	lady crab	0	0
<i>Portunus gibbesi</i>	a portunid crab	0	0
<i>Callinectes sapidus</i>	Blue crab	0	0.193
<i>Callinectes similis</i>	Lesser blue crab	0	0
Nemertea (phylum)	ribbon worms	0	0
Total given		155.34	147.691
Total calculated		155.34	147.691
% represented by 100+		100.00	100.00
Grand Total given		2512.449	1171.538
Grand Total calculated		2512.449	1171.538
% represented by 100+		100.00	100.00
NOTES:			
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms			
2. OCNBS did not operate from 19 September to 21 November 1978			
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.			
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Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	February (cont'd)		
		3	4	Monthly
		11-17	18-24	Total
		1979	1979	
<i>Anguilla rostrata</i>	American eel	0.028	0.022	10.495
<i>Alosa aestivalis</i>	Blueback herring	0.626	0.084	25.412
<i>Alosa pseudoharengus</i>	Aelwife	0.021	0.035	30.839
<i>Alosa sapidissima</i>	American shad	0	0.092	0.942
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	1
<i>Anchoa mitchilli</i>	Bay anchovy	0	0	0
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	0.13	0.308	0.582
<i>Rissola marginata</i>	Striped cuskeel	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	0	16.083
<i>Urophycis chuss</i>	Red hake	0	0	0.167
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0	0	0.218
<i>Fundulus heteroclitus</i>	Mummichog	0.004	0.175	0.375
<i>Menidia menidia</i>	Atlantic silverside	0.349	1.294	61.882
<i>Apeltes quadracus</i>	Fourspine stickleback	0.29	0.067	2.456
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.045	0.139	12.362
<i>Syngnathus fuscus</i>	Northern pipefish	0	0.022	0.357
<i>Centropomus striata</i>	Black sea bass	0	0	0
<i>Morone americana</i>	White perch	1.164	0	9.161
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0	0.007	0.007
<i>Tautoga onitis</i>	Tautog	0.421	0	7.223
<i>Mugil curema</i>	White mullet	0	0	0
<i>Ammodytes sp.</i>	Sand lance	0.222	0.063	0.607
<i>Gobiosoma boscii</i>	Naked goby	0.045	0.007	0.286
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0.129
<i>Perprilus tricanthus</i>	Butterfish	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	0.242	0.268	1.149
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0	0	5.356
<i>Pseudopleuronectes americanus</i>	Winter flounder	77.477	43.177	3320.692
<i>Trinectes maculatus</i>	Hogchoker	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given		81.064	45.76	3507.78
Total calculated		81.064	45.76	3507.78
% represented by 100+		100.00	100.00	100.00

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	February (cont'd)		
		3	4	Monthly
		11-17	18-24	Total
		1979	1979	
<i>Aequorea</i> spp.	a hydromedusa	0	0	0
Polychaeta (class)	bristle worms	0.256	0.071	3.463
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	48.924	2.49	71.091
<i>Crangon septemspinosa</i>	Sand shrimp	218.191	30.043	527.591
<i>Cancer irroratus</i>	Rock crab	0.2	3.094	3.962
<i>Ovalipes ocellatus</i>	lady crab	0	0	0
<i>Portunus gibbesi</i>	a portunid crab	0	0	0
<i>Callinectes sapidus</i>	Blue crab	0.004	0	0.197
<i>Callinectes similis</i>	Lesser blue crab	0	0	0
Nemertea (phylum)	ribbon worms	0.006	0	0.006
Total given		267.581	35.698	606.31
Total calculated		267.581	35.698	606.31
% represented by 100+		100.00	100.00	100.00
Grand Total given		348.645	81.458	414.09
Grand Total calculated		348.645	81.458	414.09
% represented by 100+		100.00	100.00	100.00
NOTES:				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNBS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
4. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros, but rather areas where data are lacking				
5. Data presented by Ecological Associates is not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection				
6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals				
7. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
8. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
9. The "Total Given" column includes all organisms impinged, not just the ones listed in the table. "Total Calculated" uses Excel to sum the given species. "%represented by 100+" is calculated by "total calculated" over "total given"				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

		Month	March		
		Week	1	2	3
		dates	25-3	4-10	11-17
		Year	1979	1979	1979
<i>Anguilla rostrata</i>	American eel		0	0.022	0.333
<i>Alosa aestivalis</i>	Blueback herring		0.282	2.479	37.694
<i>Alosa pseudoharengus</i>	Aelwife		0.346	1.863	21.51
<i>Alosa sapidissima</i>	American shad		0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden		0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy		0	0	0
<i>Synodus foetens</i>	Inshore lizardfish		0	0	0
<i>Opsanus tau</i>	Oyster toadfish		0	0.578	0
<i>Rissola marginata</i>	Striped cuskeel		0	0	0
<i>Strongylura marina</i>	Atlantic needlefish		0	0	0
<i>Merluccius bilinearis</i>	Silver hake		0	0	0
<i>Urophycis chuss</i>	Red hake		0	0.202	0
<i>Cyprinodon variegatus</i>	Sheepshead minnow		0.055	0.115	0.097
<i>Fundulus heteroclitus</i>	Mummichog		0.074	2.129	1.536
<i>Menidia menidia</i>	Atlantic silverside		5.373	11.191	31.267
<i>Apeltes quadracus</i>	Fourspine stickleback		0.115	0.631	0.565
<i>Gasterosteus aculeatus</i>	Threespine stickleback		4.987	8.118	10.73
<i>Syngnathus fuscus</i>	Northern pipefish		0.018	0.07	0.491
<i>Centropomus striata</i>	Black sea bass		0	0	0
<i>Morone americana</i>	White perch		0	0	2.074
<i>Pomatomus saltatrix</i>	Bluefish		0	0	0
<i>Caranx hippos</i>	Crevalle jack		0	0	0
<i>Selene vomer</i>	Lookdown		0	0	0
<i>Bairdiella chrysura</i>	Silver perch		0	0	0
<i>Cynoscion regalis</i>	Weakfish		0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish		0	0	0
<i>Leiostomus xanthurus</i>	Spot		0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker		0	0	0
<i>Tautoga onitis</i>	Tautog		0.322	0.04	7.778
<i>Mugil curema</i>	White mullet		0	0	0.092
<i>Ammodytes sp.</i>	Sand lance		0	0.018	0.024
<i>Gobiosoma boscii</i>	Naked goby		0	0.007	0
<i>Astroscopus guttatus</i>	Northern stargazer		0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny		0	0.028	0
<i>Perprilus tricanthus</i>	Butterfish		0	0	0
<i>Prionotus carolinus</i>	Northern searobin		0	0	0
<i>Prionotus evolans</i>	Striped searobin		0	0	0
<i>Myoxocephalus aeneus</i>	Grubby		0.097	0.266	0.848
<i>Etropus microstomus</i>	Smallmouth flounder		0	0	0
<i>Paralichthys dentatus</i>	Summer flounder		0	0	0
<i>Scophthalmus aquosus</i>	Windowpane		1.428	0.018	1.848
<i>Pseudopleuronectes americanus</i>	Winter flounder		114.163	151.648	345.815
<i>Trinectes maculatus</i>	Hogchoker		0	0.35	0
<i>Sphoeroides maculatus</i>	Northern puffer		0	0	0
Total given			127.26	179.773	462.702
Total calculated			127.26	179.773	462.702
% represented by 100+			100.00	100.00	100.00

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	March		
	Week	1	2	3
	dates	25-3	4-10	11-17
	Year	1979	1979	1979
<i>Aequorea</i> spp.	a hydromedusa	0	0	0
Polychaeta (class)	bristle worms	0.124	7.699	2.07
<i>Limulus polyphemus</i>	horseshoe crab	0	0	0
<i>Panaeus aztecus</i>	brown shrimp	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	4.07	6.049	4.337
<i>Crangon septemspinosa</i>	Sand shrimp	26.712	12.557	95.493
<i>Cancer irroratus</i>	Rock crab	0.666	10.936	3.05
<i>Ovalipes ocellatus</i>	lady crab	0	0.05	0
<i>Portunus gibbesi</i>	a portunid crab	0	0	0
<i>Callinectes sapidus</i>	Blue crab	0.007	0.514	0
<i>Callinectes similis</i>	Lesser blue crab	0	0	0
Nemertea (phylum)	ribbon worms	0	0	0
Total given		31.579	37.805	104.95
Total calculated		31.579	37.805	104.95
% represented by 100+		100.00	100.00	100.00
Grand Total given		158.839	217.578	567.652
Grand Total calculated		158.839	217.578	567.652
% represented by 100+		100.00	100.00	100.00
<b>NOTES:</b>				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNBS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
4. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros, but rather areas where data are lacking				
5. Data presented by Ecological Associates is not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection				
6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals				
7. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
8. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
9. The "Total Given" column includes all organisms impinged, not just the ones listed in the table. "Total Calculated" uses Excel to sum the given species. "%represented by 100+" is calculated by "total calculated" over "total given"				



Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	March (cont'd)		
		4	5	Monthly
		18-24	25-31	Total
		1979	1979	
<i>Anguilla rostrata</i>	American eel	1.85	1.071	3.276
<i>Alosa aestivalis</i>	Blueback herring	5.226	1.449	47.13
<i>Alosa pseudoharengus</i>	Aelwife	5.091	0.998	29.808
<i>Alosa sapidissima</i>	American shad	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	0	0	0
<i>Synodus foetens</i>	Inshore lizardfish	0	0	0
<i>Opsanus tau</i>	Oyster toadfish	0.014	0.175	0.767
<i>Rissola marginata</i>	Striped cuskeel	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake	0	0	0
<i>Urophycis chuss</i>	Red hake	0	0	0.202
<i>Cyprinodon variegatus</i>	Sheepshead minnow	0.021	0.011	0.299
<i>Fundulus heteroclitus</i>	Mummichog	1.112	0.763	5.614
<i>Menidia menidia</i>	Atlantic silverside	2.622	2.562	53.015
<i>Apeltes quadracus</i>	Fourspine stickleback	0.414	0.032	1.757
<i>Gasterosteus aculeatus</i>	Threespine stickleback	1.57	0.56	25.965
<i>Syngnathus fuscus</i>	Northern pipefish	2.479	2.807	5.865
<i>Centropomus striata</i>	Black sea bass	0	0	0
<i>Morone americana</i>	White perch	0.756	0	2.83
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0
<i>Selene vomer</i>	Lookdown	0	0	0
<i>Bairdiella chrysura</i>	Silver perch	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot	0	0	0
<i>Micropogon undulatus</i>	Atlantic croaker	0	0	0
<i>Tautoga onitis</i>	Tautog	0.244	0.091	8.475
<i>Mugil curema</i>	White mullet	0	0	0.092
<i>Ammodytes sp.</i>	Sand lance	0.042	0.273	0.357
<i>Gobiosoma boscii</i>	Naked goby	0	0	0.007
<i>Astroscopus guttatus</i>	Northern stargazer	0	0	0
<i>Hypsoblennius hentzi</i>	Feather blenny	0	0	0.028
<i>Perprilus tricanthus</i>	Butterfish	0	0	0
<i>Prionotus carolinus</i>	Northern searobin	0	0	0
<i>Prionotus evolans</i>	Striped searobin	0	0	0
<i>Myoxocephalus aeneus</i>	Grubby	0	0	1.211
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	1.876	1.012	6.182
<i>Pseudopleuronectes americanus</i>	Winter flounder	18.392	2.979	632.997
<i>Trinectes maculatus</i>	Hogchoker	0.109	0	0.459
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given		41.818	14.786	826.339
Total calculated		41.818	14.783	826.336
% represented by 100+		100.00	99.98	100.00

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	March (cont'd)		
	Week	4	5	Monthly
	dates	18-24	25-31	Total
	Year	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa	0	0	0
Polychaeta (class)	bristle worms	1.098	0.046	11.037
<i>Limulus polyphemus</i>	horseshoe crab	7	0	7
<i>Panæus aztecus</i>	brown shrimp	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	2.993	2.002	19.451
<i>Crangon septemspinosa</i>	Sand shrimp	47.175	27.01	208.947
<i>Cancer irroratus</i>	Rock crab	8.105	1.075	23.832
<i>Ovalipes ocellatus</i>	lady crab	0.745	0.056	0.851
<i>Portunus gibbesi</i>	a portunid crab	0	0	0
<i>Callinectes sapidus</i>	Blue crab	4.7	4.029	9.25
<i>Callinectes similis</i>	Lesser blue crab	0	0	0
Nemertea (phylum)	ribbon worms	0.114	0.105	0.219
Total given		64.93	34.323	273.587
Total calculated		71.93	34.323	280.587
% represented by 100+		110.78	100.00	102.56
Grand Total given		106.748	49.109	1099.926
Grand Total calculated		113.748	49.106	1106.923
% represented by 100+		106.56	99.99	100.64
<b>NOTES:</b>				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNBS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
4. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros, but rather areas where data are lacking				
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6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals				
7. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
8. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
9. The "Total Given" column includes all organisms impinged, not just the ones listed in the table. "Total Calculated" uses Excel to sum the given species. "%represented by 100+" is calculated by "total calculated" over "total given"				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	April	
	Week	1	2
	dates	1-7	8-14
	Year	1979	1979
<i>Anguilla rostrata</i>	American eel	0.42	0.71
<i>Alosa aestivalis</i>	Blueback herring	3.69	6.6
<i>Alosa pseudoharengus</i>	Aelwife	1.99	6.18
<i>Alosa sapidissima</i>	American shad		
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	0.01	0.51
<i>Synodus foetens</i>	Inshore lizardfish		
<i>Opsanus tau</i>	Oyster toadfish	0	0.13
<i>Rissola marginata</i>	Striped cuskeel	0.01	0.02
<i>Strongylura marina</i>	Atlantic needlefish	0	0
<i>Merluccius bilinearis</i>	Silver hake		
<i>Urophycis chuss</i>	Red hake		
<i>Cyprinodon variegatus</i>	Sheepshead minnow		
<i>Fundulus heteroclitus</i>	Mummichog	0.16	0.28
<i>Menidia menidia</i>	Atlantic silverside	2.5	31.2
<i>Apeltes quadracus</i>	Fourspine stickleback	0.03	0.21
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.21	1.65
<i>Syngnathus fuscus</i>	Northern pipefish	8.22	7.43
<i>Centropomus striata</i>	Black sea bass		
<i>Morone americana</i>	White perch		
<i>Pomatomus saltatrix</i>	Bluefish	0	0
<i>Caranx hippos</i>	Creville jack	0	0
<i>Selene vomer</i>	Lookdown		
<i>Bairdiella chrysura</i>	Silver perch		
<i>Cynoscion regalis</i>	Weakfish	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0
<i>Leiostomus xanthurus</i>	Spot		
<i>Micropogon undulatus</i>	Atlantic croaker		
<i>Tautoga onitis</i>	Tautog	0.52	0.55
<i>Mugil curema</i>	White mullet		
<i>Ammodytes sp.</i>	Sand lance	0.29	0.47
<i>Gobiosoma boscii</i>	Naked goby		
<i>Astroscopus guttatus</i>	Northern stargazer		
<i>Hypsoblennius hentzi</i>	Feather blenny		
<i>Parprilus tricanthus</i>	Butterfish		
<i>Prionotus carolinus</i>	Northern searobin		
<i>Prionotus evolans</i>	Striped searobin		
<i>Myoxocephalus aeneus</i>	Grubby		
<i>Etropus microstomus</i>	Smallmouth flounder		
<i>Paralichthys dentatus</i>	Summer flounder	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0.04	0.7
<i>Pseudopleuronectes americanus</i>	Winter flounder	15.21	3.01
<i>Trinectes maculatus</i>	Hogchoker	0.12	1.03
<i>Sphoeroides maculatus</i>	Northern puffer	0	0
Total given			
Total calculated		33.42	60.68
% represented by 100+			

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and

Total for June-August 1979

	Month	April	
	Week	1	2
	dates	1-7	8-14
	Year	1979	1979
<i>Aequorea</i> spp.	a hydromedusa		
Polychaeta (class)	bristle worms	0.07	0.07
<i>Limulus polyphemus</i>	horseshoe crab	0	0
<i>Panaeus aztecus</i>	brown shrimp		
<i>Palaemonetes vulgaris</i>	grass shrimp	4.48	2.46
<i>Crangon septemspinosa</i>	Sand shrimp	43.96	52.44
<i>Cancer irroratus</i>	Rock crab	8.41	28.26
<i>Ovalipes ocellatus</i>	lady crab	0.05	0.19
<i>Portunus gibbesi</i>	a portunid crab		
<i>Callinectes sapidus</i>	Blue crab	4.05	31.69
<i>Callinectes similis</i>	Lesser blue crab		
Nemertea (phylum)	ribbon worms		
Total given			
Total calculated		61.02	115.11
% represented by 100+			
Grand Total given		95.03	176.16
Grand Total calculated		94.44	175.79
% represented by 100+		99.38	99.79
NOTES:			
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms			
2. OCNGS did not operate from 19 September to 21 November 1978			
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.			
4. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros, but rather areas where data are lacking			
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6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals			
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Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	April (cont'd)		
		3	4	Monthly
		15-21	22-28	Total
		1979	1979	
<i>Anguilla rostrata</i>	American eel	0.6	0.19	1.92
<i>Alosa aestivalis</i>	Blueback herring	0.21	15.38	25.88
<i>Alosa pseudoharengus</i>	Aelwife	2.7	24.57	35.44
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	3.43	3.43
<i>Anchoa mitchilli</i>	Bay anchovy	1.23	66.16	67.91
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	0.52	8.65	9.3
<i>Rissola marginata</i>	Striped cuskeel	0.17	0.07	0.27
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	0.17	0.34	0.95
<i>Menidia menidia</i>	Atlantic silverside	1.66	2.39	37.75
<i>Apeltes quadracus</i>	Fourspine stickleback	0.06	0.07	0.37
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.36	0.27	2.49
<i>Syngnathus fuscus</i>	Northern pipefish	2.65	6.28	24.58
<i>Centropristis striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0
<i>Caranx hippos</i>	Crevalle jack	0	0	0
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	0.18	0.07	1.32
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0.4	0.03	1.19
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	0	0.2	0.2
<i>Scophthalmus aquosus</i>	Windowpane	0.48	2.83	4.05
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.85	35.89	54.96
<i>Trinectes maculatus</i>	Hogchoker	0.32	6.08	7.55
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given				
Total calculated		12.56	172.9	279.56
% represented by 100+				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	April (cont'd)		
	Week	3	4	Monthly
	dates	15-21	22-28	Total
	Year	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	0	0.04	0.18
<i>Limulus polyphemus</i>	horseshoe crab	0	2.45	2.45
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	0.85	4.5	12.29
<i>Crangon septemspinosa</i>	Sand shrimp	12.56	409.97	518.93
<i>Cancer irroratus</i>	Rock crab	29.73	15.79	82.19
<i>Ovalipes ocellatus</i>	lady crab	0.03	0.06	0.33
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	29.06	139.17	203.97
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		72.23	571.98	820.34
% represented by 100+				
Grand Total given		85.01	745.78	1101.98
Grand Total calculated		84.79	744.88	1099.9
% represented by 100+		99.74	99.88	99.81
NOTES:				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNCS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
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6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals				
7. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
8. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
9. The "Total Given" column includes all organisms impinged, not just the ones listed in the table. "Total Calculated" uses Excel to sum the given species. "%represented by 100+" is calculated by "total calculated" over "total given"				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND  
Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	May		
		1	2	3
		Week	Week	Week
		dates	dates	dates
		30-5	6-12	13-19
	Year	1979	1979	1979
<i>Anguilla rostrata</i>	American eel	0.51	0.16	0.71
<i>Alosa aestivalis</i>	Blueback herring	6.59	2.48	0.81
<i>Alosa pseudoharengus</i>	Aelwife	9.91	4.35	1.04
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	5.11	0.13	0.49
<i>Anchoa mitchilli</i>	Bay anchovy	18	6.57	4.78
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	1.7	9.29	5.38
<i>Rissola marginata</i>	Striped cuskeel	0	0	0
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	0	0.01	0
<i>Menidia menidia</i>	Atlantic silverside	0.38	0.33	0.6
<i>Apeltes quadracus</i>	Fourspine stickleback	0.01	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.06	0.01	0.05
<i>Syngnathus fuscus</i>	Northern pipefish	2.5	0.92	0.61
<i>Centropristis striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0.01
<i>Caranx hippos</i>	Creville jack	0	0	0
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0	1.47	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	0.05	0.16	0.06
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0	0	0
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0.08	0.03	0.27
<i>Pseudopleuronectes americanus</i>	Winter flounder	2.52	0.13	1.13
<i>Trinectes maculatus</i>	Hogchoker	3.45	0.57	1.23
<i>Sphoeroides maculatus</i>	Northern puffer	0	0.14	0.7
Total given				
Total calculated		50.87	26.75	17.87
% represented by 100+				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	May		
	Week	1	2	3
	dates	30-5	6-12	13-19
	Year	1979	1979	1979
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	0.01	0	0
<i>Limulus polyphemus</i>	horseshoe crab	7.93	8.46	35.23
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	2.71	0.34	1.02
<i>Crangon septemspinosa</i>	Sand shrimp	37.61	28.14	2.16
<i>Cancer irroratus</i>	Rock crab	17.25	5.63	3.66
<i>Ovalipes ocellatus</i>	lady crab	0.05	0.18	0.04
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	252.07	152.67	178.11
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		317.63	195.42	220.22
% represented by 100+				
Grand Total given		369.82	222.57	239.19
Grand Total calculated		368.5	222.17	238.09
% represented by 100+		99.64	99.82	99.54
NOTES:				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNCS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
4. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros, but rather areas where data are lacking				
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6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals				
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Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	May (cont'd)		
		4	5	Monthly
		20-26	27-2	Total
		1979	1979	
<i>Anguilla rostrata</i>	American eel	0.34	0.16	1.88
<i>Alosa aestivalis</i>	Blueback herring	0.07	0.34	10.29
<i>Alosa pseudoharengus</i>	Aelwife	0.85	0.22	16.37
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	1.04	0.6	7.37
<i>Anchoa mitchilli</i>	Bay anchovy	4.45	6.61	40.41
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	10.07	18.08	44.52
<i>Rissola marginata</i>	Striped cuskeel	0.05	0	0.05
<i>Strongylura marina</i>	Atlantic needlefish	0	0	0
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	0.01	0	0.02
<i>Menidia menidia</i>	Atlantic silverside	0.59	4.23	6.13
<i>Apeltes quadracus</i>	Fourspine stickleback	0.01	0	0.02
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.02	0.07	0.21
<i>Syngnathus fuscus</i>	Northern pipefish	0.58	0.67	5.28
<i>Centropomus striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	0.02	0.49	0.52
<i>Caranx hippos</i>	Creville jack	0	0	0
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0	0	1.47
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	0	0.58	0.85
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0	0	0
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0
<i>Scophthalmus aquosus</i>	Windowpane	0.28	0.22	0.88
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.11	1.24	5.13
<i>Trinectes maculatus</i>	Hogchoker	2.74	1.08	9.07
<i>Sphoeroides maculatus</i>	Northern puffer	1.29	0.55	2.68
Total given				
Total calculated		22.52	35.14	153.15
% represented by 100+				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	May (cont'd)		
	Week	4	5	Monthly
	dates	20-26	27-2	Total
	Year	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	0	0	0.01
<i>Limulus polyphemus</i>	horseshoe crab	12.9	304.49	369.01
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	3.1	2.24	9.41
<i>Crangon septemspinosa</i>	Sand shrimp	90.12	11.79	169.82
<i>Cancer irroratus</i>	Rock crab	2.59	3.86	32.99
<i>Ovalipes ocellatus</i>	lady crab	0.54	0.42	1.23
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	129.1	385.6	1097.55
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		238.35	708.4	1680.02
% represented by 100+				
Grand Total given		261.54	744.17	1837.29
Grand Total calculated		260.87	743.54	1833.17
% represented by 100+		99.74	99.92	99.78
NOTES:				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNGS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
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Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and

Total for June-August 1979

	Month	June	
		1	2
		3-9	10-16
		1979	1979
<i>Anguilla rostrata</i>	American eel	14.5	0.08
<i>Alosa aestivalis</i>	Blueback herring	0.3	0.26
<i>Alosa pseudoharengus</i>	Aelwife	14.93	0.36
<i>Alosa sapidissima</i>	American shad		
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	1.34
<i>Anchoa mitchilli</i>	Bay anchovy	9.46	5.83
<i>Synodus foetens</i>	Inshore lizardfish		
<i>Opsanus tau</i>	Oyster toadfish	42.89	15.49
<i>Rissola marginata</i>	Striped cuskeel	0	0.18
<i>Strongylura marina</i>	Atlantic needlefish	0	0
<i>Merluccius bilinearis</i>	Silver hake		
<i>Urophycis chuss</i>	Red hake		
<i>Cyprinodon variegatus</i>	Sheepshead minnow		
<i>Fundulus heteroclitus</i>	Mummichog	0.03	0
<i>Menidia menidia</i>	Atlantic silverside	3.03	0.71
<i>Apeltes quadracus</i>	Fourspine stickleback	0.09	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.25	0
<i>Syngnathus fuscus</i>	Northern pipefish	3.1	0.84
<i>Centropristis striata</i>	Black sea bass		
<i>Morone americana</i>	White perch		
<i>Pomatomus saltatrix</i>	Bluefish	2.49	3.29
<i>Caranx hippos</i>	Creville jack	0	0
<i>Selene vomer</i>	Lookdown		
<i>Bairdiella chrysura</i>	Silver perch		
<i>Cynoscion regalis</i>	Weakfish	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0
<i>Leiostomus xanthurus</i>	Spot		
<i>Micropogon undulatus</i>	Atlantic croaker		
<i>Tautoga onitis</i>	Tautog	1.03	0
<i>Mugil curema</i>	White mullet		
<i>Ammodytes sp.</i>	Sand lance	0	0
<i>Gobiosoma boscii</i>	Naked goby		
<i>Astroscopus guttatus</i>	Northern stargazer		
<i>Hypsoblennius hentzi</i>	Feather blenny		
<i>Parprilus tricanthus</i>	Butterfish		
<i>Prionotus carolinus</i>	Northern searobin		
<i>Prionotus evolans</i>	Striped searobin		
<i>Myoxocephalus aeneus</i>	Grubby		
<i>Etropus microstomus</i>	Smallmouth flounder		
<i>Paralichthys dentatus</i>	Summer flounder	1.76	0
<i>Scophthalmus aquosus</i>	Windowpane	4.2	1.44
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.15	0.16
<i>Trinectes maculatus</i>	Hogchoker	3.39	6.86
<i>Sphoeroides maculatus</i>	Northern puffer	8.76	0.11
Total given			
Total calculated		110.36	36.95
% represented by 100+			

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND  
Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	June	
	Week	1	2
	dates	3-9	10-16
	Year	1979	1979
<i>Aequorea</i> spp.	a hydromedusa		
Polychaeta (class)	bristle worms	0	0
<i>Limulus polyphemus</i>	horseshoe crab	461.62	73.33
<i>Panaeus aztecus</i>	brown shrimp		
<i>Palaemonetes vulgaris</i>	grass shrimp	10.19	1.81
<i>Crangon septemspinosa</i>	Sand shrimp	16.06	0.87
<i>Cancer irroratus</i>	Rock crab	25.65	4.41
<i>Ovalipes ocellatus</i>	lady crab	1.12	0.33
<i>Portunus gibbesi</i>	a portunid crab		
<i>Callinectes sapidus</i>	Blue crab	917.84	509.82
<i>Callinectes similis</i>	Lesser blue crab		
Nemertea (phylum)	ribbon worms		
Total given			
Total calculated		1432.48	590.57
% represented by 100+			
Grand Total given		1549	629.46
Grand Total calculated		1542.84	627.52
% represented by 100+		99.60	99.69
NOTES:			
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms			
2. OCNCS did not operate from 19 September to 21 November 1978			
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.			
4. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros, but rather areas where data are lacking			
5. Data presented by Ecological Associates is not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection			
6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals			
7. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.			
8. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.			
9. The "Total Given" column includes all organisms impinged, not just the ones listed in the table. "Total Calculated" uses Excel to sum the given species. "%represented by 100+" is calculated by "total calculated" over "total given"			

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	June (cont'd)		
	Week	3	4	Monthly
	dates	17-23	24-30	Total
	Year	1979	1979	
<i>Anguilla rostrata</i>	American eel	8.96	8.68	32.22
<i>Alosa aestivalis</i>	Blueback herring	0.54	0.16	1.26
<i>Alosa pseudoharengus</i>	Aelwife	0	3.46	18.75
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	1.79	3.13
<i>Anchoa mitchilli</i>	Bay anchovy	13.03	47.22	75.54
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	19	32.56	109.94
<i>Rissola marginata</i>	Striped cuskeel	0	1.16	1.34
<i>Strongylura marina</i>	Atlantic needlefish	0	0.42	0.42
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0.03
<i>Menidia menidia</i>	Atlantic silverside	0.1	0.06	3.9
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0.01	0.1
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0.02	0	0.27
<i>Syngnathus fuscus</i>	Northern pipefish	0.63	1.15	5.72
<i>Centropristis striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	1.08	1.39	8.25
<i>Caranx hippos</i>	Crevalle jack	0	0.03	0.03
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	0	0	1.03
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0	0	0
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	0.75	1.28	3.79
<i>Scophthalmus aquosus</i>	Windowpane	0.14	1.16	6.94
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.54	0.06	0.91
<i>Trinectes maculatus</i>	Hogchoker	5.28	16.77	32.3
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	8.87
Total given				
Total calculated		50.07	117.36	314.74
% represented by 100+				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	June (cont'd)		
	Week	3	4	Monthly
	dates	17-23	24-30	Total
	Year	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	0.07	0	0.07
<i>Limulus polyphemus</i>	horseshoe crab	587.7	87.4	1210.05
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	1.67	1.91	15.58
<i>Crangon septemspinosa</i>	Sand shrimp	1.08	3.31	21.32
<i>Cancer irroratus</i>	Rock crab	0.77	1.45	32.28
<i>Ovalipes ocellatus</i>	lady crab	0.3	0.06	1.81
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	306.36	493.79	2227.81
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		897.95	587.92	3508.92
% represented by 100+				
Grand Total given		961.36	712.32	3852.14
Grand Total calculated		948.02	705.28	3823.66
% represented by 100+		98.61	99.01	99.26
NOTES:				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNCS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
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5. Data presented by Ecological Associates is not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection				
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7. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
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9. The "Total Given" column includes all organisms impinged, not just the ones listed in the table. "Total Calculated" uses Excel to sum the given species. "%represented by 100+" is calculated by "total calculated" over "total given"				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and

Total for June-August 1979

	Month	July	
		1	2
		1-7	8-14
		1979	1979
<i>Anguilla rostrata</i>	American eel	2.52	0.79
<i>Alosa aestivalis</i>	Blueback herring	0.83	0.66
<i>Alosa pseudoharengus</i>	Aelwife	2.74	4.05
<i>Alosa sapidissima</i>	American shad		
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.52	0.06
<i>Anchoa mitchilli</i>	Bay anchovy	9.73	45.93
<i>Synodus foetens</i>	Inshore lizardfish		
<i>Opsanus tau</i>	Oyster toadfish	34.04	20.63
<i>Rissola marginata</i>	Striped cuskeel	0.78	0
<i>Strongylura marina</i>	Atlantic needlefish	0.06	0.06
<i>Merluccius bilinearis</i>	Silver hake		
<i>Urophycis chuss</i>	Red hake		
<i>Cyprinodon variegatus</i>	Sheepshead minnow		
<i>Fundulus heteroclitus</i>	Mummichog	0	0
<i>Menidia menidia</i>	Atlantic silverside	0.03	0
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	0.43	0.54
<i>Centropomus striata</i>	Black sea bass		
<i>Morone americana</i>	White perch		
<i>Pomatomus saltatrix</i>	Bluefish	0.87	3.74
<i>Caranx hippos</i>	Creville jack	0.04	0.05
<i>Selene vomer</i>	Lookdown		
<i>Bairdiella chrysura</i>	Silver perch		
<i>Cynoscion regalis</i>	Weakfish	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0
<i>Leiostomus xanthurus</i>	Spot		
<i>Micropogon undulatus</i>	Atlantic croaker		
<i>Tautoga onitis</i>	Tautog	4.9	0.14
<i>Mugil curema</i>	White mullet		
<i>Ammodytes sp.</i>	Sand lance	0	0
<i>Gobiosoma boscii</i>	Naked goby		
<i>Astroscopus guttatus</i>	Northern stargazer		
<i>Hypsoblennius hentzi</i>	Feather blenny		
<i>Perprilus tricanthus</i>	Butterfish		
<i>Prionotus carolinus</i>	Northern searobin		
<i>Prionotus evolans</i>	Striped searobin		
<i>Myoxocephalus aeneus</i>	Grubby		
<i>Etropus microstomus</i>	Smallmouth flounder		
<i>Paralichthys dentatus</i>	Summer flounder	3.32	15.96
<i>Scophthalmus aquosus</i>	Windowpane	2.11	3.34
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.03	2.24
<i>Trinectes maculatus</i>	Hogchoker	1.77	3.09
<i>Sphoeroides maculatus</i>	Northern puffer	0	0.7
Total given			
Total calculated		64.72	101.98
% represented by 100+			

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND  
Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	July	
	Week	1	2
	dates	1-7	8-14
	Year	1979	1979
<i>Aequorea</i> spp.	a hydromedusa		
Polychaeta (class)	bristle worms	0	0
<i>Limulus polyphemus</i>	horseshoe crab	54.21	21.23
<i>Panæus aztecus</i>	brown shrimp		
<i>Palaemonetes vulgaris</i>	grass shrimp	0.48	0.31
<i>Crangon septemspinosa</i>	Sand shrimp	0.07	0.47
<i>Cancer irroratus</i>	Rock crab	0	1.03
<i>Ovalipes ocellatus</i>	lady crab	0.1	0
<i>Portunus gibbesi</i>	a portunid crab		
<i>Callinectes sapidus</i>	Blue crab	401.04	560.21
<i>Callinectes similis</i>	Lesser blue crab		
Nemertea (phylum)	ribbon worms		
Total given			
Total calculated		455.9	583.25
% represented by 100+			
Grand Total given		523.39	688.05
Grand Total calculated		520.62	685.23
% represented by 100+		99.47	99.59
NOTES:			
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms			
2. OCNCS did not operate from 19 September to 21 November 1978			
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.			
4. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros, but rather areas where data are lacking			
5. Data presented by Ecological Associates is not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection			
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Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND  
Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	July (cont'd)		
		3	4	Monthly
		15-21	22-28	Total
		1979	1979	
<i>Anguilla rostrata</i>	American eel	47.64	0	50.95
<i>Alosa aestivalis</i>	Blueback herring	3.64	1.16	6.29
<i>Alosa pseudoharengus</i>	Aelwife	0	0	6.79
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.52	17.76	18.86
<i>Anchoa mitchilli</i>	Bay anchovy	20	15.91	91.57
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	0.15	20.62	75.44
<i>Rissola marginata</i>	Striped cuskeel	0	2.46	3.24
<i>Strongylura marina</i>	Atlantic needlefish	0.01	0.87	1
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	0.22	0.12	0.37
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	6.27	5.07	12.31
<i>Centropristis striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	1.59	0.66	6.86
<i>Caranx hippos</i>	Creville jack	0.01	0.08	0.18
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	5.59	0	10.63
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0	0	0
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	0	2.18	21.46
<i>Scophthalmus aquosus</i>	Windowpane	0	0	5.45
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	13.3	15.57
<i>Trinectes maculatus</i>	Hogchoker	1.3	5.3	11.46
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0.7
Total given				
Total calculated		86.94	85.49	339.13
% represented by 100+				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	July (cont'd)		
	Week	3	4	Monthly
	dates	15-21	22-28	Total
	Year	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	0	0	0
<i>Limulus polyphemus</i>	horseshoe crab	14.94	0	90.38
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	0.35	0.52	1.66
<i>Crangon septemspinosa</i>	Sand shrimp	0.21	1.34	2.09
<i>Cancer irroratus</i>	Rock crab	0	0	1.03
<i>Ovalipes ocellatus</i>	lady crab	0	0	0.1
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	1591.32	1543.04	4095.61
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		1606.82	1544.9	4190.87
% represented by 100+				
Grand Total given		1693.98	1636.77	4542.19
Grand Total calculated		1693.76	1630.39	4530
% represented by 100+		99.99	99.61	99.73
NOTES:				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNIS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
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Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND  
Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	August		
		1	2	3
		Week	Week	Week
		dates	dates	dates
		Year	Year	Year
		29-4	5-11	12-18
		1979	1979	1979
<i>Anguilla rostrata</i>	American eel	0	0	0
<i>Alosa aestivalis</i>	Blueback herring	2.37	2.06	1.99
<i>Alosa pseudoharengus</i>	Aelwife	0	0	1.27
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.77	1.64	9.66
<i>Anchoa mitchilli</i>	Bay anchovy	5.8	5.16	13.12
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	90.72	0.02	12.33
<i>Rissola marginata</i>	Striped cuskeel	0	0	0.08
<i>Strongylura marina</i>	Atlantic needlefish	0.69	0.01	0.08
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	0	0.04	0.08
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	3.36	0.24	1.1
<i>Centropristis striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	3.13	0.28	12.93
<i>Caranx hippos</i>	Creville jack	0.06	0	0.25
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0	10.53	0.97
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0.06
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	0	0.13	0
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0	0	0
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	15.16	0	2.93
<i>Scophthalmus aquosus</i>	Windowpane	9.06	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0
<i>Trinectes maculatus</i>	Hogchoker	1	0	0.24
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given				
Total calculated		132.12	20.11	57.09
% represented by 100+				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979  
AND  
Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	August		
	Week	1	2	3
	dates	29-4	5-11	12-18
	Year	1979	1979	1979
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	0	0	0.01
<i>Limulus polyphemus</i>	horseshoe crab	0	3.89	14.89
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	0.22	0.01	0.14
<i>Crangon septemspinosa</i>	Sand shrimp	0.05	0	0
<i>Cancer irroratus</i>	Rock crab	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	1.29	0	0.56
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	1812.48	351.74	898.57
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		1814.04	355.64	914.17
% represented by 100+				
Grand Total given		1958.89	376.38	985.33
Grand Total calculated		1946.16	375.75	971.26
% represented by 100+		99.35	99.83	98.57
NOTES:				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNCS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
4. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros, but rather areas where data are lacking				
5. Data presented by Ecological Associates is not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection				
6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals				
7. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
8. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
9. The "Total Given" column includes all organisms impinged, not just the ones listed in the table. "Total Calculated" uses Excel to sum the given species. "%represented by 100+" is calculated by "total calculated" over "total given"				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	August (cont'd)		
		4	5	Monthly
		19-25	26-31	Total
		1979	1979	
<i>Anguilla rostrata</i>	American eel	0	0	0
<i>Alosa aestivalis</i>	Blueback herring	0.12	1.4	7.94
<i>Alosa pseudoharengus</i>	Aelwife	0	0.24	1.51
<i>Alosa sapidissima</i>	American shad			
<i>Brevoortia tyrannus</i>	Atlantic menhaden	9.68	4.29	26.04
<i>Anchoa mitchilli</i>	Bay anchovy	10.06	19.71	53.85
<i>Synodus foetens</i>	Inshore lizardfish			
<i>Opsanus tau</i>	Oyster toadfish	7.81	1.01	111.89
<i>Rissola marginata</i>	Striped cuskeel	1.87	0	1.95
<i>Strongylura marina</i>	Atlantic needlefish	0.06		0.84
<i>Merluccius bilinearis</i>	Silver hake			
<i>Urophycis chuss</i>	Red hake			
<i>Cyprinodon variegatus</i>	Sheepshead minnow			
<i>Fundulus heteroclitus</i>	Mummichog	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	0.03	0.04	0.19
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0
<i>Gasterosteus aculeatus</i>	Threespine stickleback	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	0.04	0.04	4.78
<i>Centropristis striata</i>	Black sea bass			
<i>Morone americana</i>	White perch			
<i>Pomatomus saltatrix</i>	Bluefish	0.04	0.03	16.41
<i>Caranx hippos</i>	Creville jack	0	0	0.31
<i>Selene vomer</i>	Lookdown			
<i>Bairdiella chrysura</i>	Silver perch			
<i>Cynoscion regalis</i>	Weakfish	0.04	6.57	18.11
<i>Menticirrhus saxatilis</i>	Northern kingfish	3.99	0	4.05
<i>Leiostomus xanthurus</i>	Spot			
<i>Micropogon undulatus</i>	Atlantic croaker			
<i>Tautoga onitis</i>	Tautog	0	0	0.13
<i>Mugil curema</i>	White mullet			
<i>Ammodytes sp.</i>	Sand lance	0	0	0
<i>Gobiosoma boscii</i>	Naked goby			
<i>Astroscopus guttatus</i>	Northern stargazer			
<i>Hypsoblennius hentzi</i>	Feather blenny			
<i>Perprilus tricanthus</i>	Butterfish			
<i>Prionotus carolinus</i>	Northern searobin			
<i>Prionotus evolans</i>	Striped searobin			
<i>Myoxocephalus aeneus</i>	Grubby			
<i>Etropus microstomus</i>	Smallmouth flounder			
<i>Paralichthys dentatus</i>	Summer flounder	0	7.71	25.8
<i>Scophthalmus aquosus</i>	Windowpane	1.57	0	10.63
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0
<i>Trinectes maculatus</i>	Hogchoker	0	0.6	1.84
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0
Total given				
Total calculated		35.31	41.64	286.27
% represented by 100+				

Estimated Weight (kg) of Fishes and Macroinvertebrates Impinged by Week From 3 Sept 1978 to 31 Mar 1979

AND

Weekly Estimated Finfish and Macroinvertebrates Impinged at Night for April and May 1979 and  
Total for June-August 1979

	Month	August (cont'd)		
	Week	4	5	Monthly
	dates	19-25	26-31	Total
	Year	1979	1979	
<i>Aequorea</i> spp.	a hydromedusa			
Polychaeta (class)	bristle worms	0	0	0.01
<i>Limulus polyphemus</i>	horseshoe crab	13.72	0	32.5
<i>Panaeus aztecus</i>	brown shrimp			
<i>Palaemonetes vulgaris</i>	grass shrimp	0	0	0.37
<i>Crangon septemspinosa</i>	Sand shrimp	0.01	0	0.06
<i>Cancer irroratus</i>	Rock crab	0	0	0
<i>Ovalipes ocellatus</i>	lady crab	0.08	0	1.93
<i>Portunus gibbesi</i>	a portunid crab			
<i>Callinectes sapidus</i>	Blue crab	1537.58	1280.19	5880.56
<i>Callinectes similis</i>	Lesser blue crab			
Nemertea (phylum)	ribbon worms			
Total given				
Total calculated		1551.39	1280.19	5915.43
% represented by 100+				
Grand Total given		1587.58	1322.08	6230.26
Grand Total calculated		1586.7	1321.83	6201.7
% represented by 100+		99.94	99.98	99.54
NOTES:				
1. For consistency of data recording across years, sept-mar data has been changed from grams to kilograms				
2. OCNCS did not operate from 19 September to 21 November 1978				
3. Because not all the same species took more than 100 specimens each year, there were some discrepancies in representation. These have been filled in using the weekly tables for all collection (in the appendices), so the species represented here are those where 100 or more were taken in at least one year during sept-mar of 1976-1979. These rows have been shaded in gray.				
4. Due to discrepancies in data recording, zeros have been recorded when the quantity is known to be zero. Blank cells should not be assumed to represent zeros, but rather areas where data are lacking				
5. Data presented by Ecological Associates is not complete; that is, only some of the species collected are recorded in the data tables, but without any indication of how these data were chosen or what was left out. Species included by EA but not IA have been shaded yellow, and IA's data has been filled in from weekly tables for all collection				
6. Ecological Associates (apr-aug) did not provide separate vertebrate and invertebrate totals				
7. September-March data collected and analyzed by Ichthyological Associates. April-May data collected by Ichthyological Associates, analyzed by Ecological Associates. June-August data collected and analyzed by Ecological Associates.				
8. September-May impingement samples were all taken at night. Jun-Aug data include samples taken during the day and at night.				
9. The "Total Given" column includes all organisms impinged, not just the ones listed in the table. "Total Calculated" uses Excel to sum the given species. "%represented by 100+" is calculated by "total calculated" over "total given"				

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept  
1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month Time Location	September		
	Day	Night	24-hr
	11	11	11
Adults			
<i>Anchoa mitchilli</i>			
<i>Sygnathus fuscus</i>			
Juveniles			
<i>Anguilla rostrata</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>	1.975	19.988	10.981
<i>Hippocampus Erectus</i>			
<i>Membras martinica</i>			
<i>Menidia menidia</i>			
<i>Sygnathus fuscus</i>	6.550	0.000	3.275
<i>Cynoscion regalis</i>			
<i>Gobiosoma bosci</i>			
Glass			
<i>Anguilla rostrata</i>			
Larvae			
<i>Anguilla rostrata</i>			
<i>Pholis gunnellus</i>			
<i>Gadus morhua</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>	112.125	118.663	115.394
<i>Strongylura marina</i>			
<i>Atherinidae</i>			
<i>Membras martinica</i>			
<i>Menidia beryllina</i>			
<i>Apeltes quadracus</i>			
<i>Sygnathus fuscus</i>			
<i>Cynoscion regalis</i>			
<i>Blenniidae</i>	10.300	0.813	5.556
<i>Gobiidae</i>	1.125	0.950	1.038
<i>Gobiosoma bosci</i>			
<i>Trinectes maculatus</i>			
<i>Sphoeroides maculatus</i>			
<i>Myoxocephalus sp.</i>			
<i>Gasterosteus aculeatus</i>			
<i>Ammodytes sp.</i>			
<i>Paralichthys dentatus</i>			
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish			

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	September		
Time	Day	Night	24-hr
Location	11	11	11
Eggs			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>	5.075	6.413	5.744
<i>Menidia menidia</i>			
<i>Labridae</i>			
<i>Tautoga onitis</i>			
<i>Tautogolabrus adspersus</i>			
<i>Ammodytes sp.</i>			
<i>Trinectes maculatus</i>			
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish			
<b>Totals</b>			
<b>Given Total</b>			141.988
<b>Calculated Adults</b>	0.000	0.000	0.000
<b>Calculated Juveniles</b>	8.525	19.988	14.256
<b>Calculated Larvae</b>	123.550	120.426	121.988
<b>Calculated Eggs</b>	5.075	6.413	5.744
<b>Calculated Total</b>	137.150	146.827	141.988
<b>Difference</b>			0.000
<b>NOTES:</b>			
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).			
to no/100m3 for consistency of data reporting across the whole dataset.			
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles			
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes</i> sp). EA data have been recorded under <i>Ammodytes</i> sp.			
* Table 42 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station: September 1978-1979 Part One: Finfish, Shellfish, and Plankton			
** Table 5-2 through 5-6 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979			



Monthly Day and Night Densities (n/100m<sup>3</sup>) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept  
1978 to March 1979\*

AND

Mean Sample Density (n/100m<sup>3</sup>) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

	Month	December		
	Time	Day	Night	24-hr
	Location	11	11	11
Adults				
<i>Anchoa mitchilli</i>				
<i>Sygnathus fuscus</i>				
Juveniles				
<i>Anguilla rostrata</i>				
<i>Brevoortia tyrannus</i>		0.000	0.510	0.255
<i>Anchoa mitchilli</i>		0.000	3.820	1.910
<i>Hippocampus Erectus</i>				
<i>Membras martinica</i>				
<i>Menidia menidia</i>				
<i>Sygnathus fuscus</i>				
<i>Cynoscion regalis</i>				
<i>Gobiosoma bosci</i>				
Glass				
<i>Anguilla rostrata</i>				
Larvae				
<i>Anguilla rostrata</i>				
<i>Pholis gunnellus</i>				
<i>Gadus morhua</i>				
<i>Brevoortia tyrannus</i>				
<i>Anchoa mitchilli</i>				
<i>Strongylura marina</i>				
<i>Atherinidae</i>				
<i>Membras martinica</i>				
<i>Menidia beryllina</i>				
<i>Apeltes quadracus</i>				
<i>Sygnathus fuscus</i>				
<i>Cynoscion regalis</i>				
<i>Blenniidae</i>				
<i>Gobiidae</i>				
<i>Gobiosoma bosci</i>				
<i>Trinectes maculatus</i>				
<i>Sphoeroides maculatus</i>				
<i>Myoxocephalus sp.</i>				
<i>Gasterosteus aculeatus</i>				
<i>Ammodytes sp.</i>		32.950	894.380	463.665
<i>Paralichthys dentatus</i>				
<i>Pseudopleuronectes americanus</i>				
Unidentified Fish				

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	December		
Time	Day	Night	24-hr
Location	11	11	11
Eggs			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>			
<i>Menidia menidia</i>			
<i>Labridae</i>			
<i>Tautoga onitis</i>			
<i>Tautogolabrus adspersus</i>			
<i>Ammodytes sp.</i>			
<i>Trinectes maculatus</i>			
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish			
<b>Totals</b>			
<b>Given Total</b>			465.830
<b>Calculated Adults</b>	0.000	0.000	0.000
<b>Calculated Juveniles</b>	0.000	4.330	2.165
<b>Calculated Larvae</b>	32.950	894.380	463.665
<b>Calculated Eggs</b>	0.000	0.000	0.000
<b>Calculated Total</b>	32.950	898.710	465.830
<b>Difference</b>			0.000
<b>NOTES:</b>			
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).			
to no/100m3 for consistency of data reporting across the whole dataset.			
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles			
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes</i> sp). EA data have been recorded under <i>Ammodytes</i> sp.			
* Table 42 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station: September 1978-1979 Part One: Finfish, Shellfish, and Plankton			
** Table 5-2 through 5-6 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979			

Monthly Day and Night Densities (n/100m<sup>3</sup>) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m<sup>3</sup>) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	January		
	Day	Night	24-hr
Location	11	11	11
Adults			
<i>Anchoa mitchilli</i>			
<i>Sygnathus fuscus</i>			
Juveniles			
<i>Anguilla rostrata</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>			
<i>Hippocampus Erectus</i>			
<i>Membras martinica</i>			
<i>Menidia menidia</i>			
<i>Syngnathus fuscus</i>			
<i>Cynoscion regalis</i>			
<i>Gobiosoma bosci</i>			
Glass			
<i>Anguilla rostrata</i>			
Larvae			
<i>Anguilla rostrata</i>	1.750	5.393	3.567
<i>Pholis gunnellus</i>			
<i>Gadus morhua</i>	3.550	0.000	1.775
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>			
<i>Strongylura marina</i>			
<i>Atherinidae</i>			
<i>Membras martinica</i>			
<i>Menidia beryllina</i>			
<i>Apeltes quadracus</i>			
<i>Sygnathus fuscus</i>			
<i>Cynoscion regalis</i>			
<i>Blenniidae</i>			
<i>Gobiidae</i>			
<i>Gobiosoma bosci</i>			
<i>Trinectes maculatus</i>			
<i>Sphoeroides maculatus</i>			
<i>Myoxocephalus sp.</i>			
<i>Gasterosteus aculeatus</i>			
<i>Ammodytes sp.</i>	637.475	627.217	632.346
<i>Paralichthys dentatus</i>			
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish			

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	January		
Time	Day	Night	24-hr
Location	11	11	11
Eggs			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>			
<i>Menidia menidia</i>			
<i>Labridae</i>			
<i>Tautoga onitis</i>			
<i>Tautogolabrus adspersus</i>			
<i>Ammodytes sp.</i>	9.050	1.983	5.517
<i>Trinectes maculatus</i>			
<i>Pseudopleuronectes americanus</i>	208.325	25.950	117.138
Unidentified Fish			72.333
<b>Totals</b>			
<b>Given Total</b>			832.675
<b>Calculated Adults</b>	0.000	0.000	0.000
<b>Calculated Juveniles</b>	0.000	0.000	0.000
<b>Calculated Larvae</b>	642.775	632.610	637.688
<b>Calculated Eggs</b>	217.375	27.933	194.988
<b>Calculated Total</b>	860.150	660.543	832.676
<b>Difference</b>			-0.001
<b>NOTES:</b>			
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).			
to no/100m3 for consistency of data reporting across the whole dataset.			
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles			
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes</i> sp). EA data have been recorded under <i>Ammodytes</i> sp.			
* Table 42 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station: September 1978-1979 Part One: Finfish, Shellfish, and Plankton			
** Table 5-2 through 5-6 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979			

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

	Month	February		
	Time	Day	Night	24-hr
	Location	11	11	11
Adults				
<i>Anchoa mitchilli</i>				
<i>Sygnathus fuscus</i>				
Juveniles				
<i>Anguilla rostrata</i>				
<i>Brevoortia tyrannus</i>				
<i>Anchoa mitchilli</i>				
<i>Hippocampus Erectus</i>				
<i>Membras martinica</i>				
<i>Menidia menidia</i>				
<i>Sygnathus fuscus</i>				
<i>Cynoscion regalis</i>				
<i>Gobiosoma bosci</i>				
Glass				
<i>Anguilla rostrata</i>				
Larvae				
<i>Anguilla rostrata</i>		0.000	7.358	3.679
<i>Pholis gunnellus</i>		1.175	0.000	0.588
<i>Gadus morhua</i>				
<i>Brevoortia tyrannus</i>				
<i>Anchoa mitchilli</i>				
<i>Strongylura marina</i>				
<i>Atherinidae</i>				
<i>Membras martinica</i>				
<i>Menidia beryllina</i>				
<i>Apeltes quadracus</i>				
<i>Sygnathus fuscus</i>				
<i>Cynoscion regalis</i>				
<i>Blenniidae</i>				
<i>Gobiidae</i>				
<i>Gobiosoma bosci</i>				
<i>Trinectes maculatus</i>				
<i>Sphoeroides maculatus</i>				
<i>Myoxocephalus sp.</i>				
<i>Gasterosteus aculeatus</i>				
<i>Ammodytes sp.</i>		336.025	310.667	323.346
<i>Paralichthys dentatus</i>		0.000	0.000	0.000
<i>Pseudopleuronectes americanus</i>		3.450	1.550	2.500
Unidentified Fish		0.000	1.192	0.596

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	February		
Time	Day	Night	24-hr
Location	11	11	11
Eggs			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>			
<i>Menidia menidia</i>			
<i>Labridae</i>			
<i>Tautoga onitis</i>			
<i>Tautogolabrus adspersus</i>			
<i>Ammodytes sp.</i>	0.000	1.300	0.650
<i>Trinectes maculatus</i>			
<i>Pseudopleuronectes americanus</i>	31.800	1964.683	998.242
Unidentified Fish			42.925
<b>Totals</b>			
<b>Given Total</b>			1372.525
<b>Calculated Adults</b>	0.000	0.000	0.000
<b>Calculated Juveniles</b>	0.000	0.000	0.000
<b>Calculated Larvae</b>	340.650	320.767	330.709
<b>Calculated Eggs</b>	31.800	1965.983	1041.817
<b>Calculated Total</b>	372.450	2286.750	1372.526
<b>Difference</b>			-0.001
<b>NOTES:</b>			
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).			
to no/100m3 for consistency of data reporting across the whole dataset.			
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles			
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes</i> sp). EA data have been recorded under <i>Ammodytes</i> sp.			
* Table 42 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station: September 1978-1979 Part One: Finfish, Shellfish, and Plankton			
** Table 5-2 through 5-6 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979			

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

	Month	March		
	Time	Day	Night	24-hr
Location		11	11	11
Adults				
<i>Anchoa mitchilli</i>				
<i>Sygnathus fuscus</i>				
Juveniles				
<i>Anguilla rostrata</i>				
<i>Brevoortia tyrannus</i>				
<i>Anchoa mitchilli</i>				
<i>Hippocampus Erectus</i>				
<i>Membras martinica</i>				
<i>Menidia menidia</i>				
<i>Sygnathus fuscus</i>				
<i>Cynoscion regalis</i>				
<i>Gobiosoma boscii</i>				
Glass				
<i>Anguilla rostrata</i>				
Larvae				
<i>Anguilla rostrata</i>		0.000	17.990	8.995
<i>Pholis gunnellus</i>				
<i>Gadus morhua</i>				
<i>Brevoortia tyrannus</i>				
<i>Anchoa mitchilli</i>				
<i>Strongylura marina</i>				
<i>Atherinidae</i>				
<i>Membras martinica</i>				
<i>Menidia beryllina</i>				
<i>Apeltes quadracus</i>				
<i>Sygnathus fuscus</i>				
<i>Cynoscion regalis</i>				
<i>Blenniidae</i>				
<i>Gobiidae</i>				
<i>Gobiosoma boscii</i>				
<i>Trinectes maculatus</i>				
<i>Sphoeroides maculatus</i>				
<i>Myoxocephalus sp.</i>				
<i>Gasterosteus aculeatus</i>				
<i>Ammodytes sp.</i>		57.125	69.340	63.233
<i>Paralichthys dentatus</i>		0.000	0.380	0.190
<i>Pseudopleuronectes americanus</i>		64.775	1244.730	654.753
Unidentified Fish		0.000	0.000	0.000

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	March		
Time	Day	Night	24-hr
Location	11	11	11
Eggs			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>			
<i>Menidia menidia</i>			
<i>Labridae</i>			
<i>Tautoga onitis</i>			
<i>Tautogolabrus adspersus</i>			
<i>Ammodytes sp.</i>	0.000	1.220	0.610
<i>Trinectes maculatus</i>			
<i>Pseudopleuronectes americanus</i>	80.775	1381.600	731.188
Unidentified Fish			15.490
<b>Totals</b>			
<b>Given Total</b>			1474.458
<b>Calculated Adults</b>	0.000	0.000	0.000
<b>Calculated Juveniles</b>	0.000	0.000	0.000
<b>Calculated Larvae</b>	121.900	1332.440	727.171
<b>Calculated Eggs</b>	80.775	1382.820	747.288
<b>Calculated Total</b>	202.675	2715.260	1474.459
<b>Difference</b>			-0.001
<b>NOTES:</b>			
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).			
to no/100m3 for consistency of data reporting across the whole dataset.			
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles			
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes</i> sp). EA data have been recorded under <i>Ammodytes</i> sp.			
* Table 42 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station: September 1978-1979 Part One: Finfish, Shellfish, and Plankton			
** Table 5-2 through 5-6 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979			



Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

	Month	April	
	Time	Night	Day
	Location	Intake	Intake
Adults			
<i>Anchoa mitchilli</i>			
<i>Sygnathus fuscus</i>			
Juveniles			
<i>Anguilla rostrata</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>			
<i>Hippocampus Erectus</i>			
<i>Membras martinica</i>			
<i>Menidia menidia</i>			
<i>Sygnathus fuscus</i>			
<i>Cynoscion regalis</i>			
<i>Gobiosoma bosci</i>			
Glass			
<i>Anguilla rostrata</i>		4.93	0.70
Larvae			
<i>Anguilla rostrata</i>			
<i>Pholis gunnellus</i>			
<i>Gadus morhua</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>			
<i>Strongylura marina</i>			
<i>Atherinidae</i>			
<i>Membras martinica</i>		2.51	0.00
<i>Menidia beryllina</i>			
<i>Apeltes quadracus</i>		0.33	0.00
<i>Sygnathus fuscus</i>		0.23	0.00
<i>Cynoscion regalis</i>			
<i>Blenniidae</i>			
<i>Gobiidae</i>			
<i>Gobiosoma bosci</i>			
<i>Trinectes maculatus</i>			
<i>Sphoeroides maculatus</i>			
<i>Myoxocephalus sp.</i>		0.80	0.00
<i>Gasterosteus aculeatus</i>		0.00	0.62
<i>Ammodytes sp.</i>		77.34	47.35
<i>Paralichthys dentatus</i>		0.47	0.00
<i>Pseudopleuronectes americanus</i>		223.57	244.35
Unidentified Fish			

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	April	
Time	Night	Day
Location	Intake	Intake
Eggs		
<i>Brevoortia tyrannus</i>	2.07	0.00
<i>Anchoa mitchilli</i>		
<i>Menidia menidia</i>		
<i>Labridae</i>		
<i>Tautoga onitis</i>		
<i>Tautogolabrus adspersus</i>		
<i>Ammodytes sp.</i>		
<i>Trinectes maculatus</i>		
<i>Pseudopleuronectes americanus</i>		
Unidentified Fish	0.00	0.00
<b>Totals</b>		
<b>Given Total</b>	312.26	293.02
<b>Calculated Adults</b>	0.00	0.00
<b>Calculated Juveniles</b>	4.93	0.70
<b>Calculated Larvae</b>	305.250	292.320
<b>Calculated Eggs</b>	2.07	0.00
<b>Calculated Total</b>	312.25	293.02
<b>Difference</b>	0.01	0.00
<b>NOTES:</b>		
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).		
to no/100m3 for consistency of data reporting across the whole dataset.		
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles		
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes sp.</i> ). EA data have been recorded under <i>Ammodytes sp.</i>		
* Table 42 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station: September 1978-1979 Part One: Finfish, Shellfish, and Plankton		
** Table 5-2 through 5-6 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979		

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept  
1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

	Month	April (cont'd)		
	Time	Night	Day	24-hr
	Location	Discharge	Discharge	Combined
Adults				
<i>Anchoa mitchilli</i>				
<i>Sygnathus fuscus</i>				
Juveniles				
<i>Anguilla rostrata</i>				
<i>Brevoortia tyrannus</i>				
<i>Anchoa mitchilli</i>				
<i>Hippocampus Erectus</i>				
<i>Membras martinica</i>				
<i>Menidia menidia</i>				
<i>Syngnathus fuscus</i>				
<i>Cynoscion regalis</i>				
<i>Gobiosoma bosci</i>				
Glass				
<i>Anguilla rostrata</i>		5.85	0.00	4.07
Larvae				
<i>Anguilla rostrata</i>				
<i>Pholis gunnellus</i>				
<i>Gadus morhua</i>				
<i>Brevoortia tyrannus</i>				
<i>Anchoa mitchilli</i>				
<i>Strongylura marina</i>				
Atherinidae				
<i>Membras martinica</i>		0.00	0.00	0.97
<i>Menidia beryllina</i>				
<i>Apeltes quadracus</i>		0.44	4.50	0.86
<i>Sygnathus fuscus</i>		0.36	0.00	0.22
<i>Cynoscion regalis</i>				
Blenniidae				
Gobiidae				
<i>Gobiosoma bosci</i>				
<i>Trinectes maculatus</i>				
<i>Sphoeroides maculatus</i>				
<i>Myoxocephalus sp.</i>		0.00	0.00	0.31
<i>Gasterosteus aculeatus</i>		0.00	0.00	0.08
<i>Ammodytes sp.</i>		52.66	47.70	60.89
<i>Paralichthys dentatus</i>		1.56	0.00	0.74
<i>Pseudopleuronectes americanus</i>		184.43	151.13	203.02
Unidentified Fish				

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	April (cont'd)		
Time	Night	Day	24-hr
Location	Discharge	Discharge	Combined
Eggs			
<i>Brevoortia tyrannus</i>	0.00	0.00	0.80
<i>Anchoa mitchilli</i>			
<i>Menidia menidia</i>			
<i>Labridae</i>			
<i>Tautoga onitis</i>			
<i>Tautogolabrus adspersus</i>			
<i>Ammodytes sp.</i>			
<i>Trinectes maculatus</i>			
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish	0.60	0.00	0.21
<b>Totals</b>			
<b>Given Total</b>	245.90	203.32	272.17
<b>Calculated Adults</b>	0.00	0.00	0.00
<b>Calculated Juveniles</b>	5.85	0.00	4.07
<b>Calculated Larvae</b>	239.450	203.330	267.090
<b>Calculated Eggs</b>	0.60	0.00	1.01
<b>Calculated Total</b>	245.90	203.33	272.17
<b>Difference</b>	0.00	-0.01	0.00
<b>NOTES:</b>			
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).			
to no/100m3 for consistency of data reporting across the whole dataset.			
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles			
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes sp.</i> ). EA data have been recorded under <i>Ammodytes sp.</i>			
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Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Location	Month	May	
	Time	Night	Day
	Location	Intake	Intake
Adults			
<i>Anchoa mitchilli</i>		0.41	0.00
<i>Sygnathus fuscus</i>			
Juveniles			
<i>Anguilla rostrata</i>		0.35	0.00
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>			
<i>Hippocampus Erectus</i>			
<i>Membras martinica</i>			
<i>Menidia menidia</i>			
<i>Syngnathus fuscus</i>		1.10	0.00
<i>Cynoscion regalis</i>			
<i>Gobiosoma bosci</i>			
Glass			
<i>Anguilla rostrata</i>			
Larvae			
<i>Anguilla rostrata</i>			
<i>Pholis gunnellus</i>			
<i>Gadus morhua</i>			
<i>Brevoortia tyrannus</i>		0.00	21.20
<i>Anchoa mitchilli</i>		5.18	0.00
<i>Strongylura marina</i>		0.51	0.00
<i>Atherinidae</i>		0.28	0.87
<i>Membras martinica</i>			
<i>Menidia beryllina</i>		46.37	0.00
<i>Apeltes quadracus</i>			
<i>Sygnathus fuscus</i>			
<i>Cynoscion regalis</i>			
<i>Blenniidae</i>			
<i>Gobiidae</i>			
<i>Gobiosoma bosci</i>		0.42	0.00
<i>Trinectes maculatus</i>			
<i>Sphoeroides maculatus</i>			
<i>Myoxocephalus sp.</i>			
<i>Gasterosteus aculeatus</i>			
<i>Ammodytes sp.</i>		9.36	1.02
<i>Paralichthys dentatus</i>			
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish			

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	May	
Time	Night	Day
Location	Intake	Intake
Eggs		
<i>Brevoortia tyrannus</i>	0.00	2.92
<i>Anchoa mitchilli</i>	506.87	82.95
<i>Menidia menidia</i>	0.00	0.00
<i>Labridae</i>	0.00	0.00
<i>Tautoga onitis</i>	0.00	49.58
<i>Tautoglabrus adspersus</i>	0.00	0.00
<i>Ammodytes sp.</i>		
<i>Trinectes maculatus</i>		
<i>Pseudopleuronectes americanus</i>		
Unidentified Fish	0.42	0.00
<b>Totals</b>		
<b>Given Total</b>	571.27	158.55
<b>Calculated Adults</b>	0.41	0.00
<b>Calculated Juveniles</b>	1.45	0.00
<b>Calculated Larvae</b>	62.120	23.090
<b>Calculated Eggs</b>	507.29	135.45
<b>Calculated Total</b>	571.27	158.54
<b>Difference</b>	0.00	0.01
<b>NOTES:</b>		
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).		
to no/100m3 for consistency of data reporting across the whole dataset.		
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles		
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes</i> sp). EA data have been recorded under <i>Ammodytes</i> sp.		
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Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	May (cont'd)		
	Time	Night	Day
	Location	Discharge	Discharge
24-hr			
Combined			
Adults			
<i>Anchoa mitchilli</i>		0.00	0.00
<i>Sygnathus fuscus</i>			
Juveniles			
<i>Anguilla rostrata</i>		0.00	0.00
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>			
<i>Hippocampus Erectus</i>			
<i>Membras martinica</i>			
<i>Menidia menidia</i>			
<i>Sygnathus fuscus</i>		3.72	0.00
<i>Cynoscion regalis</i>			
<i>Gobiosoma bosci</i>			
Glass			
<i>Anguilla rostrata</i>			
Larvae			
<i>Anguilla rostrata</i>			
<i>Pholis gunnellus</i>			
<i>Gadus morhua</i>			
<i>Brevoortia tyrannus</i>		0.00	3.95
<i>Anchoa mitchilli</i>		8.45	0.00
<i>Strongylura marina</i>		0.00	0.00
<i>Atherinidae</i>		58.70	1.33
<i>Membras martinica</i>			
<i>Menidia beryllina</i>		0.00	0.00
<i>Apeltes quadracus</i>			
<i>Sygnathus fuscus</i>			
<i>Cynoscion regalis</i>			
<i>Blenniidae</i>			
<i>Gobiidae</i>			
<i>Gobiosoma bosci</i>		0.00	0.00
<i>Trinectes maculatus</i>			
<i>Sphoeroides maculatus</i>			
<i>Myoxocephalus sp.</i>			
<i>Gasterosteus aculeatus</i>			
<i>Ammodytes sp.</i>		0.45	0.00
<i>Paralichthys dentatus</i>			
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish			

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	May (cont'd)		
Time	Night	Day	24-hr
Location	Discharge	Discharge	Combined
Eggs			
<i>Brevoortia tyrannus</i>	0.39	4.20	1.16
<i>Anchoa mitchilli</i>	498.01	0.00	370.74
<i>Menidia menidia</i>	2.72	5.65	1.78
<i>Labridae</i>	0.78	50.55	7.50
<i>Tautoga onitis</i>	0.45	0.00	7.24
<i>Tautoglabrus adspersus</i>	0.40	0.00	0.14
<i>Ammodytes sp.</i>			
<i>Trinectes maculatus</i>			
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish	3.22	1.45	1.51
<b>Totals</b>			
<b>Given Total</b>	577.29	67.13	442.44
<b>Calculated Adults</b>	0.00	0.00	0.15
<b>Calculated Juveniles</b>	3.72	0.00	1.84
<b>Calculated Larvae</b>	67.600	5.280	50.380
<b>Calculated Eggs</b>	505.97	61.85	390.07
<b>Calculated Total</b>	577.29	67.13	442.44
<b>Difference</b>	0.00	0.00	0.00
<b>NOTES:</b>			
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).			
to no/100m3 for consistency of data reporting across the whole dataset.			
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles			
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes sp.</i> ). EA data have been recorded under <i>Ammodytes sp.</i>			
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Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Location	Month	June	
	Time	Night	Day
	Location	Intake	Intake
Adults			
<i>Anchoa mitchilli</i>		0.00	0.00
<i>Sygnathus fuscus</i>			
Juveniles			
<i>Anguilla rostrata</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>		0.70	0.00
<i>Hippocampus Erectus</i>			
<i>Membras martinica</i>			
<i>Menidia menidia</i>		0.00	0.00
<i>Syngnathus fuscus</i>		3.52	0.00
<i>Cynoscion regalis</i>			
<i>Gobiosoma bosci</i>			
Glass			
<i>Anguilla rostrata</i>			
Larvae			
<i>Anguilla rostrata</i>			
<i>Pholis gunnellus</i>			
<i>Gadus morhua</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>		5.69	11.25
<i>Strongylura marina</i>			
<i>Atherinidae</i>			
<i>Membras martinica</i>		0.00	0.00
<i>Menidia beryllina</i>		13.27	1.73
<i>Apeltes quadracus</i>			
<i>Sygnathus fuscus</i>		12.41	4.05
<i>Cynoscion regalis</i>			
<i>Blenniidae</i>		5.42	0.00
<i>Gobiidae</i>			
<i>Gobiosoma bosci</i>		25.23	26.05
<i>Trinectes maculatus</i>			
<i>Sphoeroides maculatus</i>		0.00	0.00
<i>Myoxocephalus sp.</i>			
<i>Gasterosteus aculeatus</i>			
<i>Ammodytes sp.</i>			
<i>Paralichthys dentatus</i>			
<i>Pseudopleuronectes americanus</i>		0.00	6.85
Unidentified Fish			

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	June	
Time	Night	Day
Location	Intake	Intake
Eggs		
<i>Brevoortia tyrannus</i>		
<i>Anchoa mitchilli</i>	1232.95	1070.15
<i>Menidia menidia</i>		
<i>Labridae</i>		
<i>Tautoga onitis</i>		
<i>Tautogolabrus adspersus</i>		
<i>Ammodytes sp.</i>		
<i>Trinectes maculatus</i>	0.81	0.00
<i>Pseudopleuronectes americanus</i>		
Unidentified Fish	1.05	0.00
<b>Totals</b>		
<b>Given Total</b>	1301.05	1120.07
<b>Calculated Adults</b>	0.00	0.00
<b>Calculated Juveniles</b>	4.22	0.00
<b>Calculated Larvae</b>	62.020	49.930
<b>Calculated Eggs</b>	1234.81	1070.15
<b>Calculated Total</b>	1301.05	1120.08
<b>Difference</b>	0.00	-0.01
<b>NOTES:</b>		
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).		
to no/100m3 for consistency of data reporting across the whole dataset.		
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles		
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes sp.</i> ). EA data have been recorded under <i>Ammodytes sp.</i>		
* Table 42 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station: September 1978-1979 Part One: Finfish, Shellfish, and Plankton		
** Table 5-2 through 5-6 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979		

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept  
1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month		June (cont'd)		
	Time	Night	Day	24-hr
	Location	Discharge	Discharge	Combined
Adults				
Anchoa mitchilli		3.11	0.00	1.11
Sygnathus fuscus				
Juveniles				
Anguilla rostrata				
Brevoortia tyrannus				
Anchoa mitchilli		0.00	0.00	0.25
Hippocampus Erectus				
Membras martinica				
Menidia menidia		3.11	0.00	1.11
Syngnathus fuscus		2.11	0.00	2.01
Cynoscion regalis				
Gobiosoma bosci				
Glass				
Anguilla rostrata				
Larvae				
Anguilla rostrata				
Pholis gunnellus				
Gadus morhua				
Brevoortia tyrannus				
Anchoa mitchilli		18.61	13.03	12.15
Strongylura marina				
Atherinidae				
Membras martinica		1.59	0.00	0.57
Menidia beryllina		21.12	0.00	12.53
Apeltes quadracus				
Sygnathus fuscus		12.76	3.75	10.10
Cynoscion regalis				
Blenniidae		0.00	0.00	1.94
Gobiidae				
Gobiosoma bosci		29.91	20.80	26.39
Trinectes maculatus				
Sphoeroides maculatus		1.51	1.85	0.80
Myoxocephalus sp.				
Gasterosteus aculeatus				
Ammodytes sp.				
Paralichthys dentatus				
Pseudopleuronectes americanus		0.00	0.00	0.98
Unidentified Fish				

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	June (cont'd)		
Time	Night	Day	24-hr
Location	Discharge	Discharge	Combined
Eggs			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>	1882.17	1029.90	1412.55
<i>Menidia menidia</i>			
<i>Labridae</i>			
<i>Tautoga onitis</i>			
<i>Tautogolabrus adspersus</i>			
<i>Ammodytes sp.</i>			
<i>Trinectes maculatus</i>	0.00	0.00	0.29
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish	0.00	0.00	0.37
<b>Totals</b>			
<b>Given Total</b>	1976.00	1069.33	1483.15
<b>Calculated Adults</b>	3.11	0.00	1.11
<b>Calculated Juveniles</b>	5.22	0.00	3.37
<b>Calculated Larvae</b>	85.500	39.430	65.460
<b>Calculated Eggs</b>	1882.17	1029.90	1413.21
<b>Calculated Total</b>	1976.00	1069.33	1483.15
<b>Difference</b>	0.00	0.00	0.00
<b>NOTES:</b>			
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).			
to no/100m3 for consistency of data reporting across the whole dataset.			
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles			
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes sp.</i> ). EA data have been recorded under <i>Ammodytes sp.</i>			
* Table 42 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station: September 1978-1979 Part One: Finfish, Shellfish, and Plankton			
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Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

	Month	July	
	Time	Night	Day
	Location	Intake	Intake
Adults			
<i>Anchoa mitchilli</i>			
<i>Sygnathus fuscus</i>		0.97	0.00
Juveniles			
<i>Anguilla rostrata</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>			
<i>Hippocampus Erectus</i>			
<i>Membras martinica</i>			
<i>Menidia menidia</i>			
<i>Sygnathus fuscus</i>		12.76	12.03
<i>Cynoscion regalis</i>		0.00	0.00
<i>Gobiosoma bosci</i>			
Glass			
<i>Anguilla rostrata</i>		0.82	0.00
Larvae			
<i>Anguilla rostrata</i>			
<i>Pholis gunnellus</i>			
<i>Gadus morhua</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>		772.16	911.53
<i>Strongylura marina</i>			
<i>Atherinidae</i>		12.12	0.00
<i>Membras martinica</i>			
<i>Menidia beryllina</i>			
<i>Apeltes quadracus</i>			
<i>Sygnathus fuscus</i>		0.00	0.00
<i>Cynoscion regalis</i>		0.00	0.00
<i>Blenniidae</i>		7.72	5.40
<i>Gobiidae</i>		18.56	7.48
<i>Gobiosoma bosci</i>		0.00	0.00
<i>Trinectes maculatus</i>		0.00	0.00
<i>Sphoeroides maculatus</i>		0.00	0.00
<i>Myoxocephalus sp.</i>			
<i>Gasterosteus aculeatus</i>			
<i>Ammodytes sp.</i>			
<i>Paralichthys dentatus</i>			
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish		0.00	0.00

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	July	
Time	Night	Day
Location	Intake	Intake
Eggs		
<i>Brevoortia tyrannus</i>	1.26	0.00
<i>Anchoa mitchilli</i>	873.77	5257.08
<i>Menidia menidia</i>		
<i>Labridae</i>	0.57	0.00
<i>Tautoga onitis</i>	0.00	0.00
<i>Tautogolabrus adspersus</i>		
<i>Ammodytes sp.</i>		
<i>Trinectes maculatus</i>	17.04	0.00
<i>Pseudopleuronectes americanus</i>		
Unidentified Fish	9.88	4.88
<b>Totals</b>		
<b>Given Total</b>	1727.65	6198.38
<b>Calculated Adults</b>	0.97	0.00
<b>Calculated Juveniles</b>	13.58	12.03
<b>Calculated Larvae</b>	810.560	924.410
<b>Calculated Eggs</b>	902.52	5261.96
<b>Calculated Total</b>	1727.63	6198.40
<b>Difference</b>	0.02	-0.02
<b>NOTES:</b>		
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).		
to no/100m3 for consistency of data reporting across the whole dataset.		
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles		
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes sp.</i> ). EA data have been recorded under <i>Ammodytes sp.</i>		
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Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept  
1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Location	Month	July (cont'd)		
	Time	Night	Day	24-hr
	Discharge	Discharge	Discharge	Combined
Adults				
<i>Anchoa mitchilli</i>				
<i>Syngnathus fuscus</i>	0.00	0.00	0.38	
Juveniles				
<i>Anguilla rostrata</i>				
<i>Brevoortia tyrannus</i>				
<i>Anchoa mitchilli</i>				
<i>Hippocampus Erectus</i>				
<i>Membras martinica</i>				
<i>Menidia menidia</i>				
<i>Syngnathus fuscus</i>	20.60	16.52	16.15	
<i>Cynoscion regalis</i>	1.06	0.00	0.41	
<i>Gobiosoma bosci</i>				
Glass				
<i>Anguilla rostrata</i>	0.00	0.00	0.32	
Larvae				
<i>Anguilla rostrata</i>				
<i>Pholis gunnellus</i>				
<i>Gadus morhua</i>				
<i>Brevoortia tyrannus</i>				
<i>Anchoa mitchilli</i>	1092.66	2595.25	1114.85	
<i>Strongylura marina</i>				
<i>Atherinidae</i>	19.95	0.00	12.47	
<i>Membras martinica</i>				
<i>Menidia beryllina</i>				
<i>Apeltes quadracus</i>				
<i>Syngnathus fuscus</i>	0.80	0.00	0.31	
<i>Cynoscion regalis</i>	0.89	0.00	0.34	
<i>Blenniidae</i>	3.56	3.92	5.42	
<i>Gobiidae</i>	82.62	15.15	41.86	
<i>Gobiosoma bosci</i>	0.00	8.27	0.92	
<i>Trinectes maculatus</i>	0.89	2.75	0.65	
<i>Sphoeroides maculatus</i>	1.91	0.00	0.74	
<i>Myoxocephalus sp.</i>				
<i>Gasterosteus aculeatus</i>				
<i>Ammodytes sp.</i>				
<i>Paralichthys dentatus</i>				
<i>Pseudopleuronectes americanus</i>				
Unidentified Fish	0.00	3.59	0.40	

Monthly Day and Night Densities (n/100m<sup>3</sup>) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m<sup>3</sup>) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	July (cont'd)		
Time	Night	Day	24-hr
Location	Discharge	Discharge	Combined
Eggs			
<i>Brevoortia tyrannus</i>	0.59	0.00	0.72
<i>Anchoa mitchilli</i>	982.71	5555.42	1923.36
<i>Menidia menidia</i>			
<i>Labridae</i>	2.49	0.00	1.19
<i>Tautoga onitis</i>	0.70	0.00	0.27
<i>Tautogolabrus adspersus</i>			
<i>Ammodytes sp.</i>			
<i>Trinectes maculatus</i>	7.65	0.00	9.60
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish	21.54	5.53	13.37
<b>Totals</b>			
<b>Given Total</b>	2240.62	8206.40	3143.75
<b>Calculated Adults</b>	0.00	0.00	0.38
<b>Calculated Juveniles</b>	21.66	16.52	16.88
<b>Calculated Larvae</b>	1203.280	2628.930	1177.960
<b>Calculated Eggs</b>	1015.68	5560.95	1948.51
<b>Calculated Total</b>	2240.62	8206.40	3143.73
<b>Difference</b>	0.00	0.00	0.02
<b>NOTES:</b>			
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).			
to no/100m <sup>3</sup> for consistency of data reporting across the whole dataset.			
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles			
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes sp.</i> ). EA data have been recorded under <i>Ammodytes sp.</i>			
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Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

	Month	August	
	Time	Night	Day
	Location	Intake	Intake
Adults			
<i>Anchoa mitchilli</i>		0.89	0.00
<i>Syngnathus fuscus</i>			
Juveniles			
<i>Anguilla rostrata</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>		564.93	0.00
<i>Hippocampus Erectus</i>		2.21	0.00
<i>Membras martinica</i>		2.66	0.00
<i>Menidia menidia</i>		0.89	0.00
<i>Syngnathus fuscus</i>		15.88	0.00
<i>Cynoscion regalis</i>			
<i>Gobiosoma bosci</i>		0.00	2.90
Glass			
<i>Anguilla rostrata</i>			
Larvae			
<i>Anguilla rostrata</i>			
<i>Pholis gunnellus</i>			
<i>Gadus morhua</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>		351.43	216.03
<i>Strongylura marina</i>			
<i>Atherinidae</i>		3.55	0.00
<i>Membras martinica</i>			
<i>Menidia beryllina</i>			
<i>Apeltes quadracus</i>			
<i>Syngnathus fuscus</i>			
<i>Cynoscion regalis</i>			
<i>Blenniidae</i>			
<i>Gobiidae</i>		12.08	22.05
<i>Gobiosoma bosci</i>			
<i>Trinectes maculatus</i>			
<i>Sphoeroides maculatus</i>			
<i>Myoxocephalus sp.</i>			
<i>Gasterosteus aculeatus</i>			
<i>Ammodytes sp.</i>			
<i>Paralichthys dentatus</i>			
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish			

Monthly Day and Night Densities (n/100m<sup>3</sup>) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m<sup>3</sup>) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	August	
Time	Night	Day
Location	Intake	Intake
Eggs		
<i>Brevoortia tyrannus</i>	0.00	0.00
<i>Anchoa mitchilli</i>	2.09	0.00
<i>Menidia menidia</i>		
<i>Labridae</i>		
<i>Tautoga onitis</i>		
<i>Tautoglabrus adspersus</i>		
<i>Ammodytes sp.</i>		
<i>Trinectes maculatus</i>		
<i>Pseudopleuronectes americanus</i>		
Unidentified Fish	0.89	0.00
<b>Totals</b>		
<b>Given Total</b>	957.51	240.98
<b>Calculated Adults</b>	0.89	0.00
<b>Calculated Juveniles</b>	586.57	2.90
<b>Calculated Larvae</b>	367.060	238.080
<b>Calculated Eggs</b>	2.98	0.00
<b>Calculated Total</b>	957.50	240.98
<b>Difference</b>	0.01	0.00
<b>NOTES:</b>		
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).		
to no/100m <sup>3</sup> for consistency of data reporting across the whole dataset.		
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles		
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes sp.</i> ). EA data have been recorded under <i>Ammodytes sp.</i>		
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AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	August (cont'd)		
	Time	Night	Day
	Location	Discharge	Discharge
24-hr Combined			
Adults			
<i>Anchoa mitchilli</i>		1.10	0.00
<i>Sygnathus fuscus</i>			
Juveniles			
<i>Anguilla rostrata</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>		367.57	6.20
<i>Hippocampus Erectus</i>		0.00	0.00
<i>Membras martinica</i>		0.00	3.05
<i>Menidia menidia</i>		0.00	0.00
<i>Sygnathus fuscus</i>		8.19	0.00
<i>Cynoscion regalis</i>			
<i>Gobiosoma bosci</i>		0.00	3.10
Glass			
<i>Anguilla rostrata</i>			
Larvae			
<i>Anguilla rostrata</i>			
<i>Pholis gunnellus</i>			
<i>Gadus morhua</i>			
<i>Brevoortia tyrannus</i>			
<i>Anchoa mitchilli</i>		329.73	163.45
<i>Strongylura marina</i>			
<i>Atherinidae</i>		3.42	0.00
<i>Membras martinica</i>			
<i>Menidia beryllina</i>			
<i>Apeltes quadracus</i>			
<i>Sygnathus fuscus</i>			
<i>Cynoscion regalis</i>			
<i>Blenniidae</i>			
<i>Gobiidae</i>		12.58	6.15
<i>Gobiosoma bosci</i>			
<i>Trinectes maculatus</i>			
<i>Sphoeroides maculatus</i>			
<i>Myoxocephalus sp.</i>			
<i>Gasterosteus aculeatus</i>			
<i>Ammodytes sp.</i>			
<i>Paralichthys dentatus</i>			
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish			

Monthly Day and Night Densities (n/100m3) of Ichthyoplankton Collected at the Discharge (Sta. 11) From Sept 1978 to March 1979\*

AND

Mean Sample Density (n/100m3) and Percent Composition of Ichthyoplankton, April-August 1979\*\*

Month	August (cont'd)		
Time	Night	Day	24-hr
Location	Discharge	Discharge	Combined
Eggs			
<i>Brevoortia tyrannus</i>	2.93	0.00	1.10
<i>Anchoa mitchilli</i>	2.61	0.00	1.76
<i>Menidia menidia</i>			
<i>Labridae</i>			
<i>Tautoga onitis</i>			
<i>Tautogolabrus adspersus</i>			
<i>Ammodytes sp.</i>			
<i>Trinectes maculatus</i>			
<i>Pseudopleuronectes americanus</i>			
Unidentified Fish	0.00	12.38	1.88
<b>Totals</b>			
<b>Given Total</b>	728.13	194.32	686.53
<b>Calculated Adults</b>	1.10	0.00	0.75
<b>Calculated Juveniles</b>	375.76	12.35	362.78
<b>Calculated Larvae</b>	345.730	169.600	318.260
<b>Calculated Eggs</b>	5.54	12.38	4.74
<b>Calculated Total</b>	728.13	194.33	686.53
<b>Difference</b>	0.00	-0.01	0.00
<b>NOTES:</b>			
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).			
to no/100m3 for consistency of data reporting across the whole dataset.			
3. EA (April-August data) reported <i>Anguilla rostrata</i> as "Juvenile" or "Glass" rather than "Juvenile" or "Larvae." In sums at the bottom, glass eel are included with Juveniles			
4. Larvae of the sand lance <i>Ammodytes americanus</i> were identified by Ecological Associates (apr-aug), but Ichthyological associates had only identified sand lance to genus ( <i>Ammodytes sp.</i> ). EA data have been recorded under <i>Ammodytes sp.</i>			
* Table 42 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station: September 1978-1979 Part One: Finfish, Shellfish, and Plankton			
** Table 5-2 through 5-6 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979			

Mean Monthly Densities (n/100m3) and Day/Night Occurrence Frequencies for Macrozooplankton at Discharge (Sta. 11), 5 Sept 1978 to 26 Mar 1979\*  
AND

Mean Sample Density (n/100m3) and Percent Composition of Macroinvertebrates in Discharge, Apr-Aug 1979\*\*

Month	September			December		
Time	Day	Night	24-hr	Day	Night	24-hr
Zoeae						
<i>Crangon septimspinosa</i>				77.025	186.310	131.668
<i>Palaemonetes</i> sp.	2.125	8.838	5.481			
Megalopae						
<i>Callinectes sapidus</i>	1.150	8.088	4.619			
Juveniles						
<i>Callinectes sapidus</i>	0.000	1.088	0.544			
No. Determ.						
<i>Crangon septimspinosa</i>	0.000	4.163	2.081	20.650	90.270	55.460
<i>Palaemonetes pugio</i>	1.000	0.000	0.500			
<i>Palaemonetes vulgaris</i>				23.950	15.570	19.760
<i>Palaemonetes</i> sp.	1.125	2.038	1.581			
<b>Total</b>	<b>5.400</b>	<b>24.215</b>	<b>14.806</b>	<b>121.625</b>	<b>292.150</b>	<b>206.888</b>
<b>NOTES:</b>						
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).						
2. IA data was originally reported in n/1000m3. It has been converted to n/100m3 for consistency of data reporting across the whole dataset.						
* Table 35 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station, September 1978-March 1979. Part One: Finfish, Shellfish, and Plankton						
** Tables 5-16 through 5-20 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979						

Mean Monthly Densities (n/100m3) and Day/Night Occurrence Frequencies for Macrozooplankton at Discharge (Sta. 11), 5 Sept 1978 to 26 Mar 1979\*  
AND  
Mean Sample Density (n/100m3) and Percent Composition of Macroinvertebrates in Discharge, Apr-Aug 1979\*\*

Month	January			February		
Time	Day	Night	24-hr	Day	Night	24-hr
Zoeae						
<i>Crangon septimspinosa</i>	225.800	193.167	209.483	58.550	79.950	69.250
<i>Palaemonetes</i> sp.						
Megalopae						
<i>Callinectes sapidus</i>						
Juveniles						
<i>Callinectes sapidus</i>						
No. Determ.						
<i>Crangon septimspinosa</i>	1.675	127.937	64.821	0.000	58.483	29.242
<i>Palaemonetes pugio</i>						
<i>Palaemonetes vulgaris</i>	0.000	4.143	2.175	0.000	9.500	4.750
<i>Palaemonetes</i> sp.				0.000	1.258	0.629
<b>Total</b>	<b>227.475</b>	<b>325.247</b>	<b>276.479</b>	<b>58.550</b>	<b>149.191</b>	<b>103.871</b>
<b>NOTES:</b>						
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).						
2. IA data was originally reported in n/1000m3. It has been converted to n/100m3 for consistency of data reporting across the whole dataset.						
* Table 35 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station, September 1978-March 1979. Part One: Finfish, Shellfish, and Plankton						
** Tables 5-16 through 5-20 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979						

Mean Monthly Densities (n/100m<sup>3</sup>) and Day/Night Occurrence Frequencies for Macrozooplankton at Discharge (Sta. 11), 5 Sept 1978 to 26 Mar 1979\*  
AND  
Mean Sample Density (n/100m<sup>3</sup>) and Percent Composition of Macroinvertebrates in Discharge, Apr-Aug 1979\*\*

Month	March			April		
Time	Day	Night	24-hr	Night	Day	24-hr
Zoeae						
<i>Crangon septimspinosa</i>	129.000	784.110	456.555	1939.36	0.00	1422.20
<i>Palaemonetes</i> sp.						
Megalopae						
<i>Callinectes sapidus</i>						
Juveniles						
<i>Callinectes sapidus</i>						
No. Determ.						
<i>Crangon septimspinosa</i>	1.675	130.140	65.908	256.87	417.60	299.73
<i>Palaemonetes pugio</i>						
<i>Palaemonetes vulgaris</i>	1.675	6.910	4.293			
<i>Palaemonetes</i> sp.						
<b>Total</b>	<b>132.350</b>	<b>921.160</b>	<b>526.756</b>	<b>2196.23</b>	<b>417.60</b>	<b>1721.93</b>
<b>NOTES:</b>						
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).						
2. IA data was originally reported in n/1000m <sup>3</sup> . It has been converted to n/100m <sup>3</sup> for consistency of data reporting across the whole dataset.						
* Table 35 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station, September 1978-March 1979. Part One: Finfish, Shellfish, and Plankton						
** Tables 5-16 through 5-20 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979						

Mean Monthly Densities (n/100m3) and Day/Night Occurrence Frequencies for Macrozooplankton at Discharge (Sta. 11), 5 Sept 1978 to 26 Mar 1979\*  
AND

Mean Sample Density (n/100m3) and Percent Composition of Macroinvertebrates in Discharge, Apr-Aug 1979\*\*

Month	May			June		
Time	Night	Day	24-hr	Night	Day	24-hr
Zoeae						
<i>Crangon septimspinosa</i>	3934.39	2250.58	3453.30	448.22	98.25	348.23
<i>Palaemonetes</i> sp.	17.04	1.45	12.59	147.17	0.00	105.12
Megalopae						
<i>Callinectes sapidus</i>						
Juveniles						
<i>Callinectes sapidus</i>						
No. Determ.						
<i>Crangon septimspinosa</i>	53.38	0.00	38.13			
<i>Palaemonetes pugio</i>						
<i>Palaemonetes vulgaris</i>						
<i>Palaemonetes</i> sp.						
<b>Total</b>	<b>4004.81</b>	<b>2252.03</b>	<b>3504.02</b>	<b>595.39</b>	<b>98.25</b>	<b>453.35</b>
<b>NOTES:</b>						
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).						
2. IA data was originally reported in n/1000m3. It has been converted to n/100m3 for consistency of data reporting across the whole dataset.						
* Table 35 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station, September 1978-March 1979. Part One: Finfish, Shellfish, and Plankton						
** Tables 5-16 through 5-20 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979						



Mean Monthly Densities (n/100m<sup>3</sup>) and Day/Night Occurrence Frequencies for Macrozooplankton at Discharge (Sta. 11), 5 Sept 1978 to 26 Mar 1979\*  
AND

Mean Sample Density (n/100m<sup>3</sup>) and Percent Composition of Macroinvertebrates in Discharge, Apr-Aug 1979\*\*

Month	July			August		
Time	Night	Day	24-hr	Night	Day	24-hr
Zoeae						
<i>Crangon septimspinosa</i>	31.13	30.13	30.91			
<i>Palaemonetes</i> sp.	109.46	43.23	94.74	41.51	6.15	32.67
Megalopae						
<i>Callinectes sapidus</i>						
Juveniles						
<i>Callinectes sapidus</i>						
No. Determ.						
<i>Crangon septimspinosa</i>	6.01	0.00	4.67	13.03	0.00	9.78
<i>Palaemonetes pugio</i>						
<i>Palaemonetes vulgaris</i>						
<i>Palaemonetes</i> sp.						
<b>Total</b>	<b>146.60</b>	<b>73.36</b>	<b>130.32</b>	<b>54.54</b>	<b>6.15</b>	<b>42.45</b>
<b>NOTES:</b>						
1. Data from Sept-Mar collected/reported by Ichthyological Associates (IA). Data from April-August collected/reported by Ecological Associates (EA).						
2. IA data was originally reported in n/1000m <sup>3</sup> . It has been converted to n/100m <sup>3</sup> for consistency of data reporting across the whole dataset.						
* Table 35 from Report of Data Collected for Ecological Studies for the Oyster Creek Generating Station, September 1978-March 1979. Part One: Finfish, Shellfish, and Plankton						
** Tables 5-16 through 5-20 from Progress Report of Ecological Studies at the Oyster Creek Nuclear Generating Station, April-August 1979						

Weekly Estimates of Selected Species Impinged, Sept 1979 - Aug 1980\*

	Month	September				October	
		1	2	3	4	1	2
		4	10	17	24	1	8
		Year	1979	1979	1979	1979	1979
<i>Alosa aestivalis</i>	Blueback herring	28	65	0	21	0	28
<i>Brevoortia tyrannus</i>	Atlantic menhaden	28	55	14	56	7	237
<i>Anchoa mitchilli</i>	Bay anchovy	2229	1541	0	4695	704	8779
<i>Menidia menidia</i>	Atlantic silverside	14	30	0	49	21	147
<i>Syngnathus fuscus</i>	Northern pipefish	35	85	0	245	67	286
<i>Pomatomus saltatrix</i>	Bluefish	120	7	0	168	34	399
<i>Cynoscion regalis</i>	Weakfish	1674	1912	339	10870	893	13633
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	100	14	133
<i>Paralichthys dentatus</i>	Summer flounder	0	16	7	487	28	1273
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0	21	0	14
<i>Sphoeroides maculatus</i>	Northern puffer	0	7	0	182	14	28
Total Calculated		4128	3718	360	16894	1782	24957
<i>Crangon septemspinosa</i>	Sand shrimp	0	0	0	70	0	2226
<i>Callinectes sapidus</i>	Blue crab	10260	15192	6870	13871	9155	10206
Total Calculated		10260	15192	6870	13941	9155	12432
Grand Total Given		14581	20067	7613	36565	11636	51131
Grand Total Calculated		14388	18910	7230	30835	10937	37389
% represented by Given Organisms		98.68	94.23	94.97	84.33	93.99	73.12
NOTES:							
1. "Total Given" represents total number of species impinged, including those not listed. "Total Calculated" includes only species listed in this table							
2. No data are given for weeks when OCGS did not operate.							
* Table 4-4, Ecological studies at oyster creek nuclear generating station Progress Report Sept 1979 - August 1980							

Weekly Estimates of Selected Species Impinged, Sept 1979 - Aug 1980\*

	Month	October (cont'd)			November			
	Week	3	4	5	1	2	3	4
	Dates	15	22	29	5	12	19	26
	Year	1979	1979	1979	1979	1979	1979	1979
<i>Alosa aestivalis</i>	Blueback herring	355	47	56	21	149	650	1643
<i>Brevoortia tyrannus</i>	Atlantic menhaden	835	14	85	78	134	393	362
<i>Anchoa mitchilli</i>	Bay anchovy	10257	3921	529	471	1852	84	1052
<i>Menidia menidia</i>	Atlantic silverside	1699	88	568	2124	940	4087	1899
<i>Syngnathus fuscus</i>	Northern pipefish	1081	124	448	2579	9433	3150	837
<i>Pomatomus saltatrix</i>	Bluefish	151	21	28	35	51	28	29
<i>Cynoscion regalis</i>	Weakfish	2516	713	693	395	1655	119	797
<i>Menticirrhus saxatilis</i>	Northern kingfish	21	0	14	7	14	0	0
<i>Paralichthys dentatus</i>	Summer flounder	1666	21	302	242	814	63	318
<i>Pseudopleuronectes americanus</i>	Winter flounder	28	0	7	50	838	169	3586
<i>Sphoeroides maculatus</i>	Northern puffer	43	0	0	7	0	14	0
<b>Total Calculated</b>		<b>18652</b>	<b>4949</b>	<b>2730</b>	<b>6009</b>	<b>15880</b>	<b>8757</b>	<b>10523</b>
<i>Crangon septemspinosa</i>	Sand shrimp	1093	1437	286	380	49133	95666	610969
<i>Callinectes sapidus</i>	Blue crab	3580	13118	851	1137	5177	219	31713
<b>Total Calculated</b>		<b>4673</b>	<b>14555</b>	<b>1137</b>	<b>1517</b>	<b>54310</b>	<b>95885</b>	<b>642682</b>
<b>Grand Total Given</b>		<b>30032</b>	<b>21032</b>	<b>5099</b>	<b>9189</b>	<b>88521</b>	<b>112300</b>	<b>720536</b>
<b>Grand Total Calculated</b>		<b>23325</b>	<b>19504</b>	<b>3867</b>	<b>7526</b>	<b>70190</b>	<b>104642</b>	<b>653205</b>
<b>% represented by Given Organisms</b>		<b>77.67</b>	<b>92.73</b>	<b>75.84</b>	<b>81.90</b>	<b>79.29</b>	<b>93.18</b>	<b>90.66</b>
<b>NOTES:</b>								
1. "Total Given" represents total number of species impinged, including those not listed. "Total Calculated" includes only species listed in this table								
2. No data are given for weeks when OCGS did not operate.								
* Table 4-4, Ecological studies at oyster creek nuclear generating station Progress Report Sept 1979 - August 1980								

Weekly Estimates of Selected Species Impinged, Sept 1979 - Aug 1980\*

	Month	December				January		May
	Week	1	2	3	4	1	2	4
	Dates	3	10	18	26	2	9	27
	Year	1979	1979	1979	1979	1980	1980	1980
<i>Alosa aestivalis</i>	Blueback herring	283	42	1100	22763	2767	84	21
<i>Brevoortia tyrannus</i>	Atlantic menhaden	416	113	140	174	37	56	0
<i>Anchoa mitchilli</i>	Bay anchovy	5102	302	1092	451	168	28	133
<i>Menidia menidia</i>	Atlantic silverside	70146	10261	44508	3546	363	203	126
<i>Syngnathus fuscus</i>	Northern pipefish	1619	1114	3860	386	42	391	161
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	738
<i>Cynoscion regalis</i>	Weakfish	79	0	28	14	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	251	28	80	16	14	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	1477	1093	2304	2196	1382	867	21
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	35
<b>Total Calculated</b>		<b>79373</b>	<b>12953</b>	<b>53112</b>	<b>29546</b>	<b>4773</b>	<b>1629</b>	<b>1235</b>
<i>Crangon septemspinosa</i>	Sand shrimp	309048	452727	747372	230564	121166	447139	2729
<i>Callinectes sapidus</i>	Blue crab	116	21	76	28	27	0	10750
<b>Total Calculated</b>		<b>309164</b>	<b>452748</b>	<b>747448</b>	<b>230592</b>	<b>121193</b>	<b>447139</b>	<b>13479</b>
<b>Grand Total Given</b>		<b>401687</b>	<b>482290</b>	<b>834428</b>	<b>270661</b>	<b>129955</b>	<b>450783</b>	<b>15744</b>
<b>Grand Total Calculated</b>		<b>388537</b>	<b>465701</b>	<b>800560</b>	<b>260138</b>	<b>125966</b>	<b>448768</b>	<b>14714</b>
<b>% represented by Given Organisms</b>		<b>96.73</b>	<b>96.56</b>	<b>95.94</b>	<b>96.11</b>	<b>96.93</b>	<b>99.55</b>	<b>93.46</b>
<b>NOTES:</b>								
1. "Total Given" represents total number of species impinged, including those not listed. "Total Calculated" includes only species listed in this table								
2. No data are given for weeks when OCGS did not operate.								
* Table 4-4, Ecological studies at oyster creek nuclear generating station Progress Report Sept 1979 - August 1980								

Weekly Estimates of Selected Species Impinged, Sept 1979 - Aug 1980\*

	Month	June					July	
		1	2	3	4	5	1	2
		2	9	16	23	30	7	14
		1980	1980	1980	1980	1980	1980	1980
<i>Alosa aestivalis</i>	Blueback herring	21	21	28	134	14	35	430
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0	11	14	0	79
<i>Anchoa mitchilli</i>	Bay anchovy	60	42	266	277	42	94	2045
<i>Menidia menidia</i>	Atlantic silverside	21	14	28	0	0	14	14
<i>Syngnathus fuscus</i>	Northern pipefish	214	42	231	194	249	194	253
<i>Pomatomus saltatrix</i>	Bluefish	63	21	84	49	14	14	56
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	7	0	0	0	14	0	84
<i>Pseudopleuronectes americanus</i>	Winter flounder	7	7	0	7	21	35	14
<i>Sphoeroides maculatus</i>	Northern puffer	7	7	0	0	0	0	0
<b>Total Calculated</b>		<b>400</b>	<b>154</b>	<b>637</b>	<b>672</b>	<b>368</b>	<b>386</b>	<b>2975</b>
<i>Crangon septemspinosa</i>	Sand shrimp	266	21	119	913	78	28	259
<i>Callinectes sapidus</i>	Blue crab	7599	2786	5805	7961	6707	6094	12795
<b>Total Calculated</b>		<b>7865</b>	<b>2807</b>	<b>5924</b>	<b>8874</b>	<b>6785</b>	<b>6122</b>	<b>13054</b>
<b>Grand Total Given</b>		<b>9360</b>	<b>3668</b>	<b>7983</b>	<b>13776</b>	<b>8355</b>	<b>7722</b>	<b>17556</b>
<b>Grand Total Calculated</b>		<b>8265</b>	<b>2961</b>	<b>6561</b>	<b>9546</b>	<b>7153</b>	<b>6508</b>	<b>16029</b>
<b>% represented by Given Organisms</b>		<b>88.30</b>	<b>80.73</b>	<b>82.19</b>	<b>69.29</b>	<b>85.61</b>	<b>84.28</b>	<b>91.30</b>
<b>NOTES:</b>								
1. "Total Given" represents total number of species impinged, including those not listed. "Total Calculated" includes only species listed in this table								
2. No data are given for weeks when OCGS did not operate.								
* Table 4-4, Ecological studies at oyster creek nuclear generating station Progress Report Sept 1979 - August 1980								

Weekly Estimates of Selected Species Impinged, Sept 1979 - Aug 1980\*

	Month	July (cont'd)		August			
		3	4	1	2	3	4
		21	28	4	11	18	25
		1980	1980	1980	1980	1980	1980
<i>Alosa aestivalis</i>	Blueback herring	123	225	0	28	84	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	18	91	28	28	14	14
<i>Anchoa mitchilli</i>	Bay anchovy	2911	14560	6102	10073	4187	762
<i>Menidia menidia</i>	Atlantic silverside	14	94	0	28	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	218	377	65	181	14	42
<i>Pomatomus saltatrix</i>	Bluefish	28	57	0	71	28	204
<i>Cynoscion regalis</i>	Weakfish	0	0	361	10509	1100	297
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	213	273	0	176	417	96
<i>Pseudopleuronectes americanus</i>	Winter flounder	585	0	0	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	15	29	0	0	0	32
<b>Total Calculated</b>		<b>4125</b>	<b>15706</b>	<b>6556</b>	<b>21094</b>	<b>5844</b>	<b>1447</b>
<i>Crangon septemspinosa</i>	Sand shrimp	3862	238	0	14	0	0
<i>Callinectes sapidus</i>	Blue crab	18149	26545	12259	11653	8175	11881
<b>Total Calculated</b>		<b>22011</b>	<b>26783</b>	<b>12259</b>	<b>11667</b>	<b>8175</b>	<b>11881</b>
<b>Grand Total Given</b>		<b>29070</b>	<b>43886</b>	<b>19190</b>	<b>33830</b>	<b>14802</b>	<b>13932</b>
<b>Grand Total Calculated</b>		<b>26136</b>	<b>42489</b>	<b>18815</b>	<b>32761</b>	<b>14019</b>	<b>13328</b>
<b>% represented by Given Organisms</b>		<b>89.91</b>	<b>96.82</b>	<b>98.05</b>	<b>96.84</b>	<b>94.71</b>	<b>95.66</b>
<b>NOTES:</b>							
1. "Total Given" represents total number of species impinged, including those not listed. "Total Calculated" includes only species listed in this table							
2. No data are given for weeks when OCGS did not operate.							
* Table 4-4, Ecological studies at oyster creek nuclear generating station Progress Report Sept 1979 - August 1980							

Weekly Estimated Weight (kg) of Selected Species Impinged, Sept. 1979 - Aug 1980\*

	Month	September				October				
	Week	1	2	3	4	1	2	3	4	5
	Date	4	10	17	24	1	8	15	22	29
	Year	1979	1979	1979	1979	1979	1979	1979	1979	1979
<i>Alosa aestivalis</i>	Blueback herring	1.2	1.1	0.0	0.4	0.0	0.6	6.9	1.4	1.3
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.7	5.5	2.2	8.8	0.3	24.5	64.5	3.1	18.3
<i>Anchoa mitchilli</i>	Bay anchovy	6.6	3.0	0.0	8.9	1.0	13.9	12.8	11.7	1.2
<i>Menidia menidia</i>	Atlantic silverside	0.1	0.1	0.0	0.2	0.1	0.6	7.5	0.4	2.4
<i>Syngnathus fuscus</i>	Northern pipefish	0.1	0.2	0.0	0.5	0.1	0.8	3.5	0.3	1.1
<i>Pomatomus saltatrix</i>	Bluefish	0.3	0.3	0.0	6.4	1.1	27.3	7.4	2.4	1.1
<i>Cynoscion regalis</i>	Weakfish	10.0	14.4	4.7	276.6	18.2	429.7	65.3	14.7	19.3
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.0	0.0	0.0	4.3	0.1	6.2	0.9	0.0	0.4
<i>Paralichthys dentatus</i>	Summer flounder	0.0	2.4	0.6	69.6	4.6	193.7	252.0	4.0	61.0
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.0	0.0	0.0	1.1	0.0	2.4	2.7	0.0	3.3
<i>Sphoeroides maculatus</i>	Northern puffer	0.0	0.2	0.0	12.5	0.2	3.6	7.5	0.0	0.0
<b>Total calculated</b>		<b>19.0</b>	<b>27.2</b>	<b>7.5</b>	<b>389.3</b>	<b>25.7</b>	<b>703.3</b>	<b>431.0</b>	<b>38.0</b>	<b>109.4</b>
<i>Crangon septemspinosa</i>	Sand shrimp	0.0	0.0	0.0	0.1	0.0	1.3	0.7	1.0	0.2
<i>Callinectes sapidus</i>	Blue crab	380.9	1259.5	677.0	1261.1	818.8	619.1	321.4	1584.2	84.2
<b>Total calculated</b>		<b>380.9</b>	<b>1259.5</b>	<b>677.0</b>	<b>1261.2</b>	<b>818.8</b>	<b>620.4</b>	<b>322.1</b>	<b>1585.2</b>	<b>84.4</b>
<b>Total given</b>		<b>904.6</b>	<b>1308.8</b>	<b>727.1</b>	<b>1834.7</b>	<b>856.9</b>	<b>1651.8</b>	<b>960.4</b>	<b>1659.1</b>	<b>241.8</b>
<b>Grand Total calculated</b>		<b>399.9</b>	<b>1286.7</b>	<b>684.5</b>	<b>1650.5</b>	<b>844.5</b>	<b>1323.7</b>	<b>753.1</b>	<b>1623.2</b>	<b>193.8</b>
<b>% represented by Given Organisms</b>		<b>44.2</b>	<b>98.3</b>	<b>94.1</b>	<b>90.0</b>	<b>98.6</b>	<b>80.1</b>	<b>78.4</b>	<b>97.8</b>	<b>80.1</b>
<b>NOTES:</b>										
1. "Total Given" represents total number of species impinged, including those not listed. "Total Calculated" includes only species listed in this table										
2. No data are given for weeks when OCGS did not operate.										
* Table 4-5, Ecological studies at oyster creek nuclear generating station Progress Report, Sept 1979 - August 1980										

Weekly Estimated Weight (kg) of Selected Species Impinged, Sept. 1979 - Aug 1980\*

	Month	November				December			
	Week	1	2	3	4	1	2	3	4
	Date	5	12	19	26	3	10	18	26
	Year	1979	1979	1979	1979	1979	1979	1979	1979
<i>Alosa aestivalis</i>	Blueback herring	0.4	3.1	11.3	19.1	2.2	0.4	8.9	65.8
<i>Brevoortia tyrannus</i>	Atlantic menhaden	7.8	10.1	41.9	39.3	36.6	9.7	10.3	25.4
<i>Anchoa mitchilli</i>	Bay anchovy	1.0	4.5	0.2	3.4	19.3	0.6	3.7	1.7
<i>Menidia menidia</i>	Atlantic silverside	10.3	4.9	19.7	10.5	404.8	52.1	235.4	19.5
<i>Syngnathus fuscus</i>	Northern pipefish	5.9	17.5	6.5	1.9	3.9	2.5	6.7	0.6
<i>Pomatomus saltatrix</i>	Bluefish	2.3	3.5	1.9	2.4	0.0	0.0	0.0	0.0
<i>Cynoscion regalis</i>	Weakfish	11.7	51.8	3.3	18.0	1.7	0.0	0.5	0.1
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
<i>Paralichthys dentatus</i>	Summer flounder	49.0	148.2	11.6	40.5	33.3	3.6	13.2	4.7
<i>Pseudopleuronectes americanus</i>	Winter flounder	20.0	261.8	49.3	868.8	534.0	384.1	455.3	543.2
<i>Sphoeroides maculatus</i>	Northern puffer	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
<b>Total calculated</b>		<b>108.7</b>	<b>505.8</b>	<b>145.8</b>	<b>1003.9</b>	<b>1035.8</b>	<b>453.0</b>	<b>734.0</b>	<b>661.0</b>
<i>Crangon septemspinosa</i>	Sand shrimp	0.3	46.6	91.3	487.9	312.6	442.1	720.3	232.8
<i>Callinectes sapidus</i>	Blue crab	94.7	552.0	18.3	607.6	0.4	0.1	0.1	0.2
<b>Total calculated</b>		<b>95.0</b>	<b>598.6</b>	<b>109.6</b>	<b>1095.5</b>	<b>313.0</b>	<b>442.2</b>	<b>720.4</b>	<b>233.0</b>
<b>Total given</b>		<b>239.4</b>	<b>1687.4</b>	<b>341.9</b>	<b>2516.1</b>	<b>1779.3</b>	<b>1063.5</b>	<b>2023.9</b>	<b>974.4</b>
<b>Grand Total calculated</b>		<b>203.7</b>	<b>1104.4</b>	<b>255.4</b>	<b>2099.4</b>	<b>1348.8</b>	<b>895.2</b>	<b>1454.4</b>	<b>894.0</b>
<b>% represented by Given Organisms</b>		<b>85.1</b>	<b>65.4</b>	<b>74.7</b>	<b>83.4</b>	<b>75.8</b>	<b>84.2</b>	<b>71.9</b>	<b>91.7</b>
<b>NOTES:</b>									
1. "Total Given" represents total number of species impinged, including those not listed. "Total Calculated" includes only species listed in this table									
2. No data are given for weeks when OCGS did not operate.									
* Table 4-5, Ecological studies at oyster creek nuclear generating station Progress Report, Sept 1979 - August 1980									



Weekly Estimated Weight (kg) of Selected Species Impinged, Sept. 1979 - Aug 1980\*

	Month	January		May	June				
	Week	1	2	1	1	2	3	4	5
	Date	2	9	27	2	9	16	23	30
	Year	1980	1980	1980	1980	1980	1980	1980	1980
<i>Alosa aestivalis</i>	Blueback herring	8.3	0.2	0.1	0.2	0.2	0.3	1.8	0.2
<i>Brevoortia tyrannus</i>	Atlantic menhaden	3.1	3.6	0.0	0.0	0.0	0.0	0.1	0.1
<i>Anchoa mitchilli</i>	Bay anchovy	0.6	0.1	0.3	0.1	0.1	0.6	0.6	0.1
<i>Menidia menidia</i>	Atlantic silverside	2.4	1.2	0.7	0.1	0.1	0.1	0.0	0.0
<i>Syngnathus fuscus</i>	Northern pipefish	0.1	0.6	0.5	0.7	0.1	0.8	0.6	0.9
<i>Pomatomus saltatrix</i>	Bluefish	0.0	0.0	0.6	0.1	0.1	0.1	0.1	0.1
<i>Cynoscion regalis</i>	Weakfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Paralichthys dentatus</i>	Summer flounder	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3
<i>Pseudopleuronectes americanus</i>	Winter flounder	389.0	70.4	1.0	0.1	0.1	0.0	0.1	0.1
<i>Sphoeroides maculatus</i>	Northern puffer	0.0	0.0	6.7	0.1	1.6	0.0	0.0	0.0
<b>Total calculated</b>		<b>403.5</b>	<b>76.1</b>	<b>9.9</b>	<b>1.5</b>	<b>2.3</b>	<b>1.9</b>	<b>3.3</b>	<b>1.8</b>
<i>Crangon septemspinosa</i>	Sand shrimp	136.9	337.7	2.2	0.2	0.1	0.1	0.3	0.1
<i>Callinectes sapidus</i>	Blue crab	0.6	0.0	703.5	392.5	220.6	296.5	495.2	728.3
<b>Total calculated</b>		<b>137.5</b>	<b>337.7</b>	<b>705.7</b>	<b>392.7</b>	<b>220.7</b>	<b>296.6</b>	<b>495.5</b>	<b>728.4</b>
<b>Total given</b>		<b>574.2</b>	<b>424.8</b>	<b>774.3</b>	<b>483.0</b>	<b>278.5</b>	<b>382.3</b>	<b>550.7</b>	<b>782.3</b>
<b>Grand Total calculated</b>		<b>541.0</b>	<b>413.8</b>	<b>715.6</b>	<b>394.2</b>	<b>223.0</b>	<b>298.5</b>	<b>498.8</b>	<b>730.2</b>
<b>% represented by Given Organisms</b>		<b>94.2</b>	<b>97.4</b>	<b>92.4</b>	<b>81.6</b>	<b>80.1</b>	<b>78.1</b>	<b>90.6</b>	<b>93.3</b>
<b>NOTES:</b>									
1. "Total Given" represents total number of species impinged, including those not listed. "Total Calculated" includes only species listed in this table									
2. No data are given for weeks when OCGS did not operate.									
* Table 4-5, Ecological studies at oyster creek nuclear generating station Progress Report, Sept 1979 - August 1980									

Weekly Estimated Weight (kg) of Selected Species Impinged, Sept. 1979 - Aug 1980\*

	Month	July				August			
	Week	1	2	3	4	1	2	3	4
	Date	7	14	21	28	4	11	18	25
	Year	1980	1980	1980	1980	1980	1980	1980	1980
<i>Alosa aestivalis</i>	Blueback herring	0.5	6.6	2.5	4.7	0.0	1.2	3.8	0.0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.0	4.0	2.1	5.9	1.3	0.4	0.2	3.2
<i>Anchoa mitchilli</i>	Bay anchovy	0.1	5.3	6.9	33.9	18.7	25.4	11.1	1.3
<i>Menidia menidia</i>	Atlantic silverside	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0
<i>Syngnathus fuscus</i>	Northern pipefish	0.4	0.9	0.6	1.0	0.2	0.6	0.1	0.1
<i>Pomatomus saltatrix</i>	Bluefish	0.1	0.9	0.8	1.9	0.0	0.1	1.1	1.4
<i>Cynoscion regalis</i>	Weakfish	0.0	0.0	0.0	0.0	0.2	21.1	4.3	2.1
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Paralichthys dentatus</i>	Summer flounder	0.0	7.5	38.3	26.4	0.0	16.7	34.2	8.6
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.1	0.1	2.8	0.0	0.0	0.0	0.0	0.0
<i>Sphoeroides maculatus</i>	Northern puffer	0.0	0.0	3.6	0.1	0.0	0.0	0.0	0.1
<b>Total calculated</b>		<b>1.3</b>	<b>25.4</b>	<b>57.7</b>	<b>74.0</b>	<b>20.4</b>	<b>65.6</b>	<b>54.8</b>	<b>16.8</b>
<i>Crangon septemspinosa</i>	Sand shrimp	0.1	0.1	2.1	0.1	0.0	0.1	0.0	0.0
<i>Callinectes sapidus</i>	Blue crab	763.2	830.3	763.3	1120.3	593.8	460.9	564.8	455.2
<b>Total calculated</b>		<b>763.3</b>	<b>830.4</b>	<b>765.4</b>	<b>1120.4</b>	<b>593.8</b>	<b>461.0</b>	<b>564.8</b>	<b>455.2</b>
<b>Total given</b>		<b>859.5</b>	<b>925.4</b>	<b>881.9</b>	<b>1392.4</b>	<b>651.6</b>	<b>569.7</b>	<b>641.3</b>	<b>504.9</b>
<b>Grand Total calculated</b>		<b>764.6</b>	<b>855.8</b>	<b>823.1</b>	<b>1194.4</b>	<b>614.2</b>	<b>526.6</b>	<b>619.6</b>	<b>472.0</b>
<b>% represented by Given Organisms</b>		<b>89.0</b>	<b>92.5</b>	<b>93.3</b>	<b>85.8</b>	<b>94.3</b>	<b>92.4</b>	<b>96.6</b>	<b>93.5</b>
<b>NOTES:</b>									
1. "Total Given" represents total number of species impinged, including those not listed. "Total Calculated" includes only species listed in this table									
2. No data are given for weeks when OCGS did not operate.									
* Table 4-5, Ecological studies at oyster creek nuclear generating station Progress Report, Sept 1979 - August 1980									

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. - Oct 1979 and May - Aug 1980\*

Month	September					October	
Time	Night	Day	Night	Day	Total	Night	Day
Location	Intake		Discharge			Intake	
Adults							
<i>Apeltes quadracus</i>							
<i>Menidia menidia</i>							
<i>Anchoa mitchilli</i>							
Juveniles							
<i>Anchoa mitchilli</i>	58.58	0.00	46.10	8.27	40.29	15.25	0.00
<i>Anguilla rostrata</i>							
<i>Alosa</i> sp.							
<i>Menidia menidia</i>							
<i>Syngnathus fuscus</i>	4.16	0.00	2.74	0.00	2.59		
<i>Gobiosoma boscii</i>	0.00	0.00	1.44	0.00	0.54		
<i>Paralichthys dentatus</i>							
Glass							
<i>Anguilla rostrata</i>							
Larvae							
<i>Anguilla rostrata</i>							
<i>Anchoa mitchilli</i>	10.83	10.60	13.68	12.98	12.13	0.00	0.00
Atherinidae							
<i>Micropogon undulatus</i>						0.00	0.00
Blenniidae							
Gobiidae	0.00	0.00	1.66	0.00	0.62		
<i>Trinectes maculatus</i>							
<i>Tautoga onitis</i>							
<i>Tylosurus acus</i>							
<i>Sphoeroides maculatus</i>							
<i>Ammodytes americanus</i>							
Unidentified Fish							

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. - Oct 1979 and May - Aug 1980\*

Month	September					October	
	Time	Night	Day	Night	Day	Total	Time
Location	Intake		Discharge		Total		Intake
Eggs							
<i>Brevoortia tyrannus</i>							
<i>Anchoa mitchilli</i>							
<i>Menidia menidia</i>							
Gobiidae							
<i>Trinectes maculatus</i>							
Labridae							
<i>Entopus microstomus</i>							
Unidentified Fish							
<b>Totals</b>							
<b>Given Total</b>		73.56	10.60	65.62	21.25	56.17	15.25
<b>Calculated Adults</b>		0.00	0.00	0.00	0.00	0.00	0.00
<b>Calculated Juveniles</b>		62.74	0.00	50.28	8.27	43.42	15.25
<b>Calculated Larvae</b>		10.83	10.60	15.34	12.98	12.75	0.00
<b>Calculated Eggs</b>		0.00	0.00	0.00	0.00	0.00	0.00
<b>Calculated Total</b>		73.57	10.60	65.62	21.25	56.17	15.25
<b>Difference</b>		-0.01	0.00	0.00	0.00	0.00	0.00
<b>NOTES:</b>							
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.							
2. According to description in Entrainment text, only data for Sept-Oct and May-Aug were required for the project and only these were included in data analysis. Samples from Nov-Jan were ichthyoplankton identified from zooplankton samples taken during those months							
3. <i>Anchoa mitchilli</i> listed under "adult" had no indicated lifestage (Table 5-2)							
* Tables 5-2 and 5-3 Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report Sept 1979-August 1980							

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. - Oct 1979 and May - Aug 1980\*

Month Time Location	October (cont'd)			November				
	Night	Day	Total	Night	Day	Night	Day	Total
	Discharge			Intake		Discharge		
Adults								
<i>Apeltes quadracus</i>								
<i>Menidia menidia</i>								
<i>Anchoa mitchilli</i>								
Juveniles								
<i>Anchoa mitchilli</i>	7.19	5.53	9.34	19.39	0.00	7.24	0.00	8.88
<i>Anguilla rostrata</i>								
<i>Alosa</i> sp.								
<i>Menidia menidia</i>								
<i>Syngnathus fuscus</i>								
<i>Gobiosoma boscii</i>				2.19	0.00	2.43	0.00	1.54
<i>Paralichthys dentatus</i>				1.69	0.00	0.00	0.00	0.56
Glass								
<i>Anguilla rostrata</i>								
Larvae								
<i>Anguilla rostrata</i>								
<i>Anchoa mitchilli</i>	1.19	0.00	0.46					
Atherinidae								
<i>Micropogon undulatus</i>	0.96	0.00	0.37					
Blenniidae								
Gobiidae								
<i>Trinectes maculatus</i>								
<i>Tautoga onitis</i>								
<i>Tylosurus acus</i>								
<i>Sphoeroides maculatus</i>								
<i>Ammodytes americanus</i>								
Unidentified Fish								

Monthly Mean Sample Densities (n/100m<sup>3</sup>) and Percent Composition of Ichthyoplankton, Sept. - Oct 1979 and May - Aug 1980\*

Month	October (cont'd)			November				
Time	Night	Day	Total	Night	Day	Night	Day	Total
Location	Discharge			Intake		Discharge		
Eggs								
<i>Brevoortia tyrannus</i>								
<i>Anchoa mitchilli</i>								
<i>Menidia menidia</i>								
Gobiidae								
<i>Trinectes maculatus</i>								
Labridae								
<i>Entropus microstomus</i>								
Unidentified Fish								
<b>Totals</b>								
<b>Given Total</b>	9.34	5.53	10.18	23.27	0.00	9.67	0.00	10.98
<b>Calculated Adults</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Calculated Juveniles</b>	7.19	5.53	9.34	23.27	0.00	9.67	0.00	10.98
<b>Calculated Larvae</b>	2.15	0.00	0.83	0.00	0.00	0.00	0.00	0.00
<b>Calculated Eggs</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Calculated Total</b>	9.34	5.53	10.17	23.27	0.00	9.67	0.00	10.98
<b>Difference</b>	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
<b>NOTES:</b>								
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.								
2. According to description in Entrainment text, only data for Sept-Oct and May-Aug were required for the project and only these were included in data analysis. Samples from Nov-Jan were ichthyoplankton identified from zooplankton samples taken during those months								
3. <i>Anchoa mitchilli</i> listed under "adult" had no indicated lifestage (Table 5-2)								
* Tables 5-2 and 5-3 Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report Sept 1979-August 1980								

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. - Oct 1979 and May - Aug 1980\*

Month	December					January	
Time	Night	Day	Night	Day	Total	Night	Day
Location	Intake		Discharge			Intake	
Adults							
<i>Apeltes quadracus</i>							
<i>Menidia menidia</i>	0.00	11.58	0.00	0.00	1.93		
<i>Anchoa mitchilli</i>						0.00	3.78
Juveniles							
<i>Anchoa mitchilli</i>							
<i>Anguilla rostrata</i>							
<i>Alosa</i> sp.	1.81	0.00	0.00	0.00	0.60		
<i>Menidia menidia</i>							
<i>Syngnathus fuscus</i>							
<i>Gobiosoma boscii</i>							
<i>Paralichthys dentatus</i>							
Glass							
<i>Anguilla rostrata</i>							
Larvae							
<i>Anguilla rostrata</i>							
<i>Anchoa mitchilli</i>							
Atherinidae							
<i>Micropogon undulatus</i>							
Blenniidae							
Gobiidae							
<i>Trinectes maculatus</i>							
<i>Tautoga onitis</i>							
<i>Tylosurus acus</i>							
<i>Sphoeroides maculatus</i>							
<i>Ammodytes americanus</i>	29.15	7.03	43.44	44.90	32.85	106.08	54.20
Unidentified Fish							

Monthly Mean Sample Densities (n/100m<sup>3</sup>) and Percent Composition of Ichthyoplankton, Sept. - Oct 1979 and May - Aug 1980\*

Month Time Location	December					January	
	Night	Day	Night	Day	Total	Night	Day
	Intake		Discharge			Intake	
Eggs							
<i>Brevoortia tyrannus</i>							
<i>Anchoa mitchilli</i>							
<i>Menidia menidia</i>							
Gobiidae							
<i>Trinectes maculatus</i>							
Labridae							
<i>Entropus microstomus</i>							
Unidentified Fish							
<b>Totals</b>							
<b>Given Total</b>	30.96	18.61	43.44	44.90	35.38	106.08	57.98
<b>Calculated Adults</b>	0.00	11.58	0.00	0.00	1.93	0.00	3.78
<b>Calculated Juveniles</b>	1.81	0.00	0.00	0.00	0.60	0.00	0.00
<b>Calculated Larvae</b>	29.15	7.03	43.44	44.90	32.85	106.08	54.20
<b>Calculated Eggs</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Calculated Total</b>	30.96	18.61	43.44	44.90	35.38	106.08	57.98
<b>Difference</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>NOTES:</b>							
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.							
2. According to description in Entrainment text, only data for Sept-Oct and May-Aug were required for the project and only these were included in data analysis. Samples from Nov-Jan were ichthyoplankton identified from zooplankton samples taken during those months							
3. <i>Anchoa mitchilli</i> listed under "adult" had no indicated lifestage (Table 5-2)							
* Tables 5-2 and 5-3 Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report Sept 1979-August 1980							



Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. - Oct 1979 and May - Aug 1980\*

Month Time Location	January (cont'd)			May			June	
	Night	Day	Total	Night		Total	Night	Day
	Discharge			Intake	Discharge		Intake	
Adults								
<i>Apeltes quadracus</i>								
<i>Menidia menidia</i>								
<i>Anchoa mitchilli</i>	0.00	0.00	0.94					
Juveniles								
<i>Anchoa mitchilli</i>								
<i>Anguilla rostrata</i>								
<i>Alosa</i> sp.								
<i>Menidia menidia</i>							0.00	0.00
<i>Syngnathus fuscus</i>				0.00	6.45	3.22	23.51	4.13
<i>Gobiosoma boscii</i>								
<i>Paralichthys dentatus</i>								
Glass								
<i>Anguilla rostrata</i>				0.00	6.45	3.22		
Larvae								
<i>Anguilla rostrata</i>								
<i>Anchoa mitchilli</i>				58.45	40.85	49.65	4.50	0.00
Atherinidae				9.75	0.00	4.88	6.26	0.00
<i>Micropogon undulatus</i>								
Blenniidae							14.06	6.90
Gobiidae							96.01	57.00
<i>Trinectes maculatus</i>								
<i>Tautoga onitis</i>								
<i>Tylosurus acus</i>								
<i>Sphoeroides maculatus</i>							0.00	0.00
<i>Ammodytes americanus</i>	123.20	89.45	93.23					
Unidentified Fish								

Monthly Mean Sample Densities (n/100m<sup>3</sup>) and Percent Composition of Ichthyoplankton, Sept. - Oct 1979 and May - Aug 1980\*

Month	January (cont'd)			May			June	
Time	Night	Day	Total	Night		Total	Night	Day
Location	Discharge			Intake	Discharge		Intake	
Eggs								
<i>Brevoortia tyrannus</i>				19.65	0.00	9.82		
<i>Anchoa mitchilli</i>				576.55	519.10	547.83	280.24	8.27
<i>Menidia menidia</i>								
Gobiidae							0.00	0.00
<i>Trinectes maculatus</i>				0.00	30.10	15.05	10.13	0.00
Labridae							0.00	20.65
<i>Entopus microstomus</i>								
Unidentified Fish				9.80	20.10	14.95	129.70	0.00
<b>Totals</b>								
<b>Given Total</b>	123.20	89.45	94.17	674.20	623.05	648.63	564.43	96.95
<b>Calculated Adults</b>	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
<b>Calculated Juveniles</b>	0.00	0.00	0.00	0.00	6.45	3.22	23.51	4.13
<b>Calculated Larvae</b>	123.20	89.45	93.23	68.20	47.30	57.75	120.83	63.90
<b>Calculated Eggs</b>	0.00	0.00	0.00	606.00	569.30	587.65	420.07	28.92
<b>Calculated Total</b>	123.20	89.45	94.17	674.20	623.05	648.62	564.41	96.95
<b>Difference</b>	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00
<b>NOTES:</b>								
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.								
2. According to description in Entrainment text, only data for Sept-Oct and May-Aug were required for the project and only these were included in data analysis. Samples from Nov-Jan were ichthyoplankton identified from zooplankton samples taken during those months								
3. <i>Anchoa mitchilli</i> listed under "adult" had no indicated lifestage (Table 5-2)								
* Tables 5-2 and 5-3 Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report Sept 1979-August 1980								

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. - Oct 1979 and May - Aug 1980\*

Month Time Location	June (cont'd)			July				
	Night	Day	Total	Night	Day	Night	Day	Total
	Discharge			Intake		Discharge		
Adults								
<i>Apeltes quadracus</i>				0.00	0.00	0.00	2.58	0.32
<i>Menidia menidia</i>								
<i>Anchoa mitchilli</i>								
Juveniles								
<i>Anchoa mitchilli</i>				0.00	0.00	2.27	0.00	0.85
<i>Anguilla rostrata</i>				0.92	0.00	0.00	0.00	0.34
<i>Alosa</i> sp.								
<i>Menidia menidia</i>	0.77	0.00	0.30					
<i>Syngnathus fuscus</i>	7.66	0.00	12.58	9.37	4.35	13.02	0.00	8.94
<i>Gobiosoma boscii</i>				2.03	0.00	0.00	0.00	0.76
<i>Paralichthys dentatus</i>								
Glass								
<i>Anguilla rostrata</i>								
Larvae								
<i>Anguilla rostrata</i>								
<i>Anchoa mitchilli</i>	5.69	2.75	4.27	53.37	46.25	51.48	39.13	49.99
Atherinidae	4.67	0.00	4.25	6.38	0.00	1.68	0.00	3.02
<i>Micropogon undulatus</i>								
Blenniidae	5.93	0.00	8.54	12.13	0.00	7.87	2.30	7.79
Gobiidae	40.25	17.50	61.27	236.94	62.40	164.23	47.38	164.16
<i>Trinectes maculatus</i>				0.00	0.00	0.00	2.30	0.29
<i>Tautoga onitis</i>				1.65	0.00	0.00	0.00	0.62
<i>Tylosurus acus</i>				0.00	0.00	0.91	0.00	0.34
<i>Sphoeroides maculatus</i>	2.51	0.00	0.97	0.00	2.17	0.00	2.30	0.56
<i>Ammodytes americanus</i>								
Unidentified Fish								

Monthly Mean Sample Densities (n/100m<sup>3</sup>) and Percent Composition of Ichthyoplankton, Sept. - Oct 1979 and May - Aug 1980\*

Month	June (cont'd)			July				
Time	Night	Day	Total	Night	Day	Night	Day	Total
Location	Discharge			Intake		Discharge		
Eggs								
<i>Brevoortia tyrannus</i>								
<i>Anchoa mitchilli</i>	301.36	2.88	227.42	477.79	138.05	553.87	115.58	418.58
<i>Menidia menidia</i>				0.00	0.00	9.30	0.00	3.49
Gobiidae	0.00	3.05	0.34					
<i>Trinectes maculatus</i>	5.59	0.00	6.11	3.47	0.00	4.50	10.30	4.28
Labridae	4.00	12.15	5.20	1.45	17.30	3.94	0.00	4.18
<i>Entropus microstomus</i>								
Unidentified Fish	100.36	0.00	89.47	94.88	0.00	80.77	0.00	65.87
<b>Totals</b>								
<b>Given Total</b>	478.79	38.33	420.73	900.37	270.52	893.83	221.85	734.37
<b>Calculated Adults</b>	0.00	0.00	0.00	0.00	0.00	0.00	2.58	0.32
<b>Calculated Juveniles</b>	8.43	0.00	12.88	12.32	4.35	15.29	0.00	10.89
<b>Calculated Larvae</b>	59.05	20.25	79.30	310.47	110.82	226.17	93.41	226.77
<b>Calculated Eggs</b>	411.31	18.08	328.54	577.59	155.35	652.38	125.88	496.40
<b>Calculated Total</b>	478.79	38.33	420.72	900.38	270.52	893.84	221.87	734.38
<b>Difference</b>	0.00	0.00	0.01	-0.01	0.00	-0.01	-0.02	-0.01
<b>NOTES:</b>								
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.								
2. According to description in Entrainment text, only data for Sept-Oct and May-Aug were required for the project and only these were included in data analysis. Samples from Nov-Jan were ichthyoplankton identified from zooplankton samples taken during those months								
3. <i>Anchoa mitchilli</i> listed under "adult" had no indicated lifestage (Table 5-2)								
* Tables 5-2 and 5-3 Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report Sept 1979-August 1980								

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. - Oct 1979 and May - Aug 1980\*

Month		August				
Time		Night	Day	Night	Day	Total
Location		Intake		Discharge		
Adults						
<i>Apeltes quadracus</i>						
<i>Menidia menidia</i>						
<i>Anchoa mitchilli</i>						
Juveniles						
<i>Anchoa mitchilli</i>		5.70	0.00	8.96	2.53	5.81
<i>Anguilla rostrata</i>						
<i>Alosa</i> sp.						
<i>Menidia menidia</i>						
<i>Syngnathus fuscus</i>		5.38	0.00	3.58	0.00	3.36
<i>Gobiosoma boscii</i>		0.00	0.00	1.73	0.00	0.65
<i>Paralichthys dentatus</i>						
Glass						
<i>Anguilla rostrata</i>						
Larvae						
<i>Anguilla rostrata</i>						
<i>Anchoa mitchilli</i>		85.92	25.00	109.83	48.73	82.62
Atherinidae		0.00	0.00	0.96	0.00	0.36
<i>Micropogon undulatus</i>						
Blenniidae		4.51	0.00	0.00	0.00	1.69
Gobiidae		29.50	0.00	37.97	7.55	26.24
<i>Trinectes maculatus</i>		1.14	0.00	0.96	0.00	0.79
<i>Tautoga onitis</i>						
<i>Tylosurus acus</i>						
<i>Sphoeroides maculatus</i>						
<i>Ammodytes americanus</i>						
Unidentified Fish		0.00	2.95	0.00	4.85	0.98

Monthly Mean Sample Densities (n/100m<sup>3</sup>) and Percent Composition of Ichthyoplankton, Sept. - Oct 1979 and May - Aug 1980\*

Month	August				
	Night	Day	Night	Day	Total
Location	Intake		Discharge		
Eggs					
<i>Brevoortia tyrannus</i>					
<i>Anchoa mitchilli</i>	13.51	13.48	25.04	15.58	18.09
<i>Menidia menidia</i>					
Gobiidae					
<i>Trinectes maculatus</i>					
Labridae					
<i>Entropus microstomus</i>	0.00	0.00	0.00	5.68	0.71
Unidentified Fish	1.99	3.38	3.83	5.38	3.28
<b>Totals</b>					
<b>Given Total</b>	147.65	44.80	192.84	90.28	144.57
<b>Calculated Adults</b>	0.00	0.00	0.00	0.00	0.00
<b>Calculated Juveniles</b>	11.08	0.00	14.27	2.53	9.82
<b>Calculated Larvae</b>	121.07	27.95	149.72	61.13	112.68
<b>Calculated Eggs</b>	15.50	16.86	28.87	26.64	22.08
<b>Calculated Total</b>	147.65	44.81	192.86	90.30	144.58
<b>Difference</b>	0.00	-0.01	-0.02	-0.02	-0.01
<b>NOTES:</b>					
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.					
2. According to description in Entrainment text, only data for Sept-Oct and May-Aug were required for the project and only these were included in data analysis. Samples from Nov-Jan were ichthyoplankton identified from zooplankton samples taken during those months					
3. <i>Anchoa mitchilli</i> listed under "adult" had no indicated lifestage (Table 5-2)					
* Tables 5-2 and 5-3 Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report Sept 1979-August 1980					

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Macrozooplankton, Sept. 1979 - Aug. 1980\*

Month	September						October		
Location	Discharge			Intake			Discharge		
Time	Night	Day	24-hr	Night	Day	24-hr	Night	Day	24-hr
Zoeae									
<i>Crangon septimspinosa</i>							27.44	76.40	38.32
<i>Palaemonetes</i> sp.	1.66	0.00	1.24	10.32	0.00	7.57			
<i>Callinectes sapidus</i>									
Megalopae									
<i>Callinectes sapidus</i>	103.31	50.28	90.05	162.79	67.28	137.32	1.04	0.00	0.81
No. Determ.									
<i>Crangon septimspinosa</i>				1.85	0.00	1.35			
<i>Palaemonetes vulgaris</i>									
<b>Total</b>	<b>104.97</b>	<b>50.28</b>	<b>91.29</b>	<b>174.96</b>	<b>67.28</b>	<b>146.24</b>	<b>28.48</b>	<b>76.40</b>	<b>39.13</b>
<b>NOTES:</b>									
1. Only RIS species included.									
*Tables 5-14 and 5-15 in Ecological Studies at Oyster Creek Nuclear Generating Station Progress Report September 1979-August 1980									

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Macrozooplankton, Sept. 1979 - Aug. 1980\*

Month	October (cont'd)			November					
Location	Intake			Discharge			Intake		
Time	Night	Day	24-hr	Night	Day	24-hr	Night	Day	24-hr
Zoeae									
<i>Crangon septimspinosa</i>	69.91	140.53	85.61	64.90	30.08	53.29	72.16	36.60	60.31
<i>Palaemonetes</i> sp.									
<i>Callinectes sapidus</i>									
Megalopae									
<i>Callinectes sapidus</i>	10.11	0.00	7.87						
No. Determ.									
<i>Crangon septimspinosa</i>							11.39	0.00	7.59
<i>Palaemonetes vulgaris</i>							6.60	0.00	4.40
<b>Total</b>	<b>80.02</b>	<b>140.53</b>	<b>93.48</b>	<b>64.90</b>	<b>30.08</b>	<b>53.29</b>	<b>90.15</b>	<b>36.60</b>	<b>72.30</b>
<b>NOTES:</b>									
1. Only RIS species included.									
*Tables 5-14 and 5-15 in Ecological Studies at Oyster Creek Nuclear Generating Station Progress Report September 1979-August 1980									



Monthly Mean Sample Densities (n/100m3) and Percent Composition of Macrozooplankton, Sept. 1979 - Aug. 1980\*

Month	December						January		
Location	Discharge			Intake			Discharge		
Time	Night	Day	24-hr	Night	Day	24-hr	Night	Day	24-hr
Zoeae									
<i>Crangon septimspinosa</i>	152.48	206.57	170.51	172.35	139.07	161.26	122.83	60.98	91.90
<i>Palaemonetes</i> sp.									
<i>Callinectes sapidus</i>									
Megalopae									
<i>Callinectes sapidus</i>									
No. Determ.									
<i>Crangon septimspinosa</i>				88.11	0.00	58.74			
<i>Palaemonetes vulgaris</i>				6.14	0.00	4.09			
<b>Total</b>	<b>152.48</b>	<b>206.57</b>	<b>170.51</b>	<b>266.60</b>	<b>139.07</b>	<b>224.09</b>	<b>122.83</b>	<b>60.98</b>	<b>91.90</b>
<b>NOTES:</b>									
1. Only RIS species included.									
*Tables 5-14 and 5-15 in Ecological Studies at Oyster Creek Nuclear Generating Station Progress Report September 1979-August 1980									

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Macrozooplankton, Sept. 1979 - Aug. 1980\*

Month	January (cont'd)			May				June		
Location	Intake			Discharge			Intake	Discharge		
Time	Night	Day	24-hr	Night	Day	24-hr	Night	Night	Day	24-hr
Zoeae										
<i>Crangon septimspinosa</i>	79.93	75.03	77.47	2284.25	2284.25	29.15	11259.90	289.71	17.50	229.22
<i>Palaemonetes</i> sp.				146.30	146.30	1.87	136.75	228.08	9.75	179.56
<i>Callinectes sapidus</i>										
Megalopae										
<i>Callinectes sapidus</i>										
No. Determ.										
<i>Crangon septimspinosa</i>	46.90	0.00	23.45				48.70			
<i>Palaemonetes vulgaris</i>										
Total	126.83	75.03	100.92	2430.55	2430.55	31.02	11445.35	517.79	27.25	408.78
NOTES:										
1. Only RIS species included.										
*Tables 5-14 and 5-15 in Ecological Studies at Oyster Creek Nuclear Generating Station Progress Report September 1979-August 1980										

Monthly Mean Sample Densities (n/100m<sup>3</sup>) and Percent Composition of Macrozooplankton, Sept. 1979 - Aug. 1980\*

Month	June (cont'd)			July					
Location	Intake			Discharge			Intake		
Time	Night	Day	24-hr	Night	Day	24-hr	Night	Day	24-hr
Zoeae									
<i>Crangon septimspinosa</i>	4975.15	311.03	3938.68	42.73	14.88	35.76	215.68	84.68	182.93
<i>Palaemonetes</i> sp.	405.82	25.50	321.31	91.86	82.80	89.59	90.03	51.65	80.44
<i>Callinectes sapidus</i>	42.04	21.63	37.50				2.13	29.68	9.02
Megalopae									
<i>Callinectes sapidus</i>									
No. Determ.									
<i>Crangon septimspinosa</i>							207.53	0.00	155.65
<i>Palaemonetes vulgaris</i>									
<b>Total</b>	<b>5423.01</b>	<b>358.16</b>	<b>4297.49</b>	<b>134.59</b>	<b>97.68</b>	<b>125.35</b>	<b>515.37</b>	<b>166.01</b>	<b>428.04</b>
<b>NOTES:</b>									
1. Only RIS species included.									
*Tables 5-14 and 5-15 in Ecological Studies at Oyster Creek Nuclear Generating Station Progress Report September 1979-August 1980									

Monthly Mean Sample Densities (n/100m<sup>3</sup>) and Percent Composition of Macrozooplankton, Sept. 1979 - Aug. 1980\*

Month	August					
Location	Discharge			Intake		
Time	Night	Day	24-hr	Night	Day	24-hr
Zoeae						
<i>Crangon septimspinosa</i>	0.00	2.45	0.61			
<i>Palaemonetes</i> sp.	57.74	17.85	47.77	50.31	6.53	39.36
<i>Callinectes sapidus</i>						
Megalopae						
<i>Callinectes sapidus</i>	6.83	5.38	6.47			
No. Determin.						
<i>Crangon septimspinosa</i>				2.08	0.00	1.56
<i>Palaemonetes vulgaris</i>						
<b>Total</b>	<b>64.57</b>	<b>25.68</b>	<b>54.85</b>	<b>52.39</b>	<b>6.53</b>	<b>40.92</b>
<b>NOTES:</b>						
1. Only RIS species included.						
*Tables 5-14 and 5-15 in Ecological Studies at Oyster Creek Nuclear Generating Station Progress Report September 1979-August 1980						

Weekly Estimated Number of Selected Species Impinged, Sept. 1980 - Aug. 1981\*

	Month	September					October			
		1	2	3	4	5	1	2	3	4
		Week	Week	Week	Week	Week	Week	Week	Week	Week
		Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates
	Year	1980	1980	1980	1980	1980	1980	1980	1980	1980
<i>Brevoortia tyrannus</i>	Atlantic menhaden	490	0	7	14	0	7	35	37	1876
<i>Anchoa mitchilli</i>	Bay anchovy	1605	2045	14	164	517	137	402	28	175
<i>Menidia menidia</i>	Atlantic silverside	21	0	0	0	26	0	96	38	6718
<i>Syngnathus fuscus</i>	Northern pipefish	70	35	7	0	79	14	133	64	1883
<i>Pomatomus saltatrix</i>	Bluefish	76	75	0	28	119	14	43	38	289
<i>Cynoscion regalis</i>	Weakfish	1488	477	21	14	223	28	324	176	827
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0	21
<i>Gobiosoma boscii</i>	Naked goby	0	0	0	0	0	0	0	0	257
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0	0	0	27	105
<i>Paralichthys dentatus</i>	Summer flounder	834	21	41	35	1376	332	2327	194	305
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0	0	0	0	0	0	7
<i>Sphoeroides maculatus</i>	Northern puffer	56	7	0	0	130	14	55	0	88
Total calculated		4640	2660	90	255	2470	546	3415	602	12551
<i>Crangon septemspinosa</i>	Sand shrimp	70	0	0	0	19	0	43	0	5877
<i>Callinectes sapidus</i>	Blue crab	38939	25861	35322	20647	51599	6841	20156	17426	30350
Total calculated		39009	25861	35322	20647	51618	6841	20199	17426	36227
Total given		45343	43214	38336	21148	60660	8629	28243	19102	65353
Grand Total calculated		43649	28521	35412	20902	54088	7387	23614	18028	48778
% represented by Given Species		96.26	66.00	92.37	98.84	89.17	85.61	83.61	94.38	74.64
<b>NOTES:</b>										
1. "Total Given" includes all organisms collected. "Total Calculated" includes only those species listed by name.										
* Table 4.4 Ecological Studies at Oyster Creek Nuclear Generating station Progress Report Sept 1980 - August 1981										

Weekly Estimated Number of Selected Species Impinged, Sept. 1980 - Aug. 1981\*

	Month	November				December				
		1	2	3	4	1	2	3	4	5
		3	10	17	24	1	8	15	22	29
		1980	1980	1980	1980	1980	1980	1980	1980	1980
<i>Brevoortia tyrannus</i>	Atlantic menhaden	1078	2494	2345	0	66	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	22	361	947	167	3004	165	211	23	14
<i>Menidia menidia</i>	Atlantic silverside	9135	102425	81215	695	11589	4282	4725	504	1606
<i>Syngnathus fuscus</i>	Northern pipefish	4321	11094	18843	615	3824	1104	1430	101	445
<i>Pomatomus saltatrix</i>	Bluefish	61	151	41	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	536	2652	14	0	0	0	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	43	14	0	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	301	2580	65868	12305	5382	3743	6478	1949	337
<i>Etropus microstomus</i>	Smallmouth flounder	465	3852	44040	462	364	552	676	7	0
<i>Paralichthys dentatus</i>	Summer flounder	457	750	567	10	14	0	39	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	180	927	14702	153	177	370	1640	5119	3425
<i>Sphoeroides maculatus</i>	Northern puffer	88	0	0	0	0	0	0	0	0
Total calculated		16644	127329	228596	14407	24420	10216	15199	7703	5827
<i>Crangon septemspinosa</i>	Sand shrimp	10904	316168	836656	217055	799420	315373	555147	400018	352410
<i>Callinectes sapidus</i>	Blue crab	31715	36824	2233	24	19924	1023	569	2019	71
Total calculated		42619	352992	838889	217079	819344	316396	555716	402037	352481
Total given		73876	562256	1149223	235772	899396	347178	606895	418099	380365
Grand Total calculated		59263	480321	1067485	231486	843764	326612	570915	409740	358308
% represented by Given Species		80.22	85.43	92.89	98.18	93.81	94.08	94.07	98.00	94.20
<b>NOTES:</b>										
1. "Total Given" includes all organisms collected. "Total Calculated" includes only those species listed by name.										
* Table 4.4 Ecological Studies at Oyster Creek Nuclear Generating station Progress Report Sept 1980 - August 1981										

Weekly Estimated Number of Selected Species Impinged, Sept. 1980 - Aug. 1981\*

	Month	January				February			
		1	2	3	4	1	2	3	4
		5	12	19	26	2	9	16	23
		1981	1981	1981	1981	1981	1981	1981	1981
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0	0	0	28	0	28
<i>Anchoa mitchilli</i>	Bay anchovy	27	28	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	247	439	1865	1039	2380	532	1177	4988
<i>Syngnathus fuscus</i>	Northern pipefish	28	42	28	42	0	28	0	0
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	2561	355	9	42	56	0	35	44
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	28	0	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	3765	1601	925	1083	5978	2212	275	1609
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	0
<b>Total calculated</b>		<b>6628</b>	<b>2465</b>	<b>2827</b>	<b>2206</b>	<b>8442</b>	<b>2800</b>	<b>1487</b>	<b>6669</b>
<i>Crangon septemspinosa</i>	Sand shrimp	270847	139113	56346	11587	12922	46088	39423	52205
<i>Callinectes sapidus</i>	Blue crab	4252	2977	422	1316	392	1064	3726	912
<b>Total calculated</b>		<b>275099</b>	<b>142090</b>	<b>56768</b>	<b>12903</b>	<b>13314</b>	<b>47152</b>	<b>43149</b>	<b>53117</b>
<b>Total given</b>		<b>297369</b>	<b>157010</b>	<b>70680</b>	<b>27976</b>	<b>27342</b>	<b>52724</b>	<b>58574</b>	<b>68774</b>
<b>Grand Total calculated</b>		<b>281727</b>	<b>144555</b>	<b>59595</b>	<b>15109</b>	<b>21756</b>	<b>49952</b>	<b>44636</b>	<b>59786</b>
<b>% represented by Given Species</b>		<b>94.74</b>	<b>92.07</b>	<b>84.32</b>	<b>54.01</b>	<b>79.57</b>	<b>94.74</b>	<b>76.20</b>	<b>86.93</b>
<b>NOTES:</b>									
1. "Total Given" includes all organisms collected. "Total Calculated" includes only those species listed by name.									
* Table 4.4 Ecological Studies at Oyster Creek Nuclear Generating station Progress Report Sept 1980 - August 1981									

Weekly Estimated Number of Selected Species Impinged, Sept. 1980 - Aug. 1981\*

	Month	March					April			
		1	2	3	4	5	1	2	3	4
		2	9	16	23	30	6	13	20	27
		1981	1981	1981	1981	1981	1981	1981	1981	1981
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0	0	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	0	0	0	0	0	28	596	28	28
<i>Menidia menidia</i>	Atlantic silverside	1752	2338	5292	4843	2069	2156	1571	99	14
<i>Syngnathus fuscus</i>	Northern pipefish	397	910	3556	5201	2213	3724	11445	494	681
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0	0
<i>Gobiosoma boscii</i>	Naked goby	0	56	224	14	0	28	420	0	0
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	28	0	0	0	137	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	28	84	71	55	28	158	0	14
<i>Pseudopleuronectes americanus</i>	Winter flounder	127	154	504	338	14	0	321	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	0	0
Total calculated		2276	3486	9688	10467	4351	5964	14648	621	737
<i>Crangon septemspinosa</i>	Sand shrimp	97647	88032	249082	253467	92124	157360	887663	63880	194043
<i>Callinectes sapidus</i>	Blue crab	281	0	112	83	9986	44772	93088	47074	66035
Total calculated		97928	88032	249194	253550	102110	202132	980751	110954	260078
Total given		106261	95578	281624	271578	131483	263228	1152390	117638	270905
Grand Total calculated		100204	91518	258882	264017	106461	208096	995399	111575	260815
% represented by Given Species		94.30	95.75	91.92	97.22	80.97	79.06	86.38	94.85	96.28
<b>NOTES:</b>										
1. "Total Given" includes all organisms collected. "Total Calculated" includes only those species listed by name.										
* Table 4.4 Ecological Studies at Oyster Creek Nuclear Generating station Progress Report Sept 1980 - August 1981										



Weekly Estimated Number of Selected Species Impinged, Sept. 1980 - Aug. 1981\*

	Month	May				June				
		Week	1	2	3	4	1	2	3	4
		Dates	4	11	18	26	1	8	22	29
		Year	1981	1981	1981	1981	1981	1981	1981	1981
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0	0	0	0	0	98	
<i>Anchoa mitchilli</i>	Bay anchovy	139	117	28	446	98	616	1036	4241	
<i>Menidia menidia</i>	Atlantic silverside	106	115	28	292	0	112	3024	245	
<i>Syngnathus fuscus</i>	Northern pipefish	797	3201	1317	2743	834	2380	1652	664	
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	174	616	112	2766	
<i>Cynoscion regalis</i>	Weakfish	0	14	0	0	0	0	0	1534	
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0	
<i>Gobiosoma boscii</i>	Naked goby	0	0	0	56	28	0	28	0	
<i>Etropus microstomus</i>	Smallmouth flounder	0	0	14	0	0	0	140	0	
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	0	0	0	28	
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0	0	14	112	392	14	
<i>Sphaeroides maculatus</i>	Northern puffer	0	16	28	0	30	28	28	77	
Total calculated		1042	3463	1415	3537	1178	3864	6412	9667	
<i>Crangon septemspinosa</i>	Sand shrimp	99174	182016	42788	131203	26051	24920	6300	282	
<i>Callinectes sapidus</i>	Blue crab	89428	52842	27579	69006	29790	66388	67816	85057	
Total calculated		188602	234858	70367	200209	55841	91308	74116	85339	
Total given		194418	252805	79920	229728	65636	113232	90496	98984	
Grand Total calculated		189644	238321	71782	203746	57019	95172	80528	95006	
% represented by Given Species		97.54	94.27	89.82	88.69	86.87	84.05	88.99	95.98	
NOTES:										
1. "Total Given" includes all organisms collected. "Total Calculated" includes only those species listed by name.										
* Table 4.4 Ecological Studies at Oyster Creek Nuclear Generating station Progress Report Sept 1980 - August 1981										

Weekly Estimated Number of Selected Species Impinged, Sept. 1980 - Aug. 1981\*

	Month	July				August	
	Week	1	2	3	4	1	2
	Dates	6	13	20	27	3	10
	Year	1981	1981	1981	1981	1981	1981
<i>Brevoortia tyrannus</i>	Atlantic menhaden	498	424	1176	196	98	182
<i>Anchoa mitchilli</i>	Bay anchovy	5401	1854	22932	15820	3027	4144
<i>Menidia menidia</i>	Atlantic silverside	1191	53	56	0	0	126
<i>Syngnathus fuscus</i>	Northern pipefish	526	1208	2464	364	56	70
<i>Pomatomus saltatrix</i>	Bluefish	1300	1413	924	84	98	84
<i>Cynoscion regalis</i>	Weakfish	4157	300	5012	8316	4665	3836
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	28	0	0
<i>Gobiosoma boscii</i>	Naked goby	0	0	280	0	0	0
<i>Etropus microstomus</i>	Smallmouth flounder	19	0	224	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	19	0	196	0	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	28	56	0	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	1854	1021	11592	140	0	14
Total calculated		14993	6329	44856	24948	7944	8456
<i>Crangon septemspinosa</i>	Sand shrimp	3072	333	924	56	84	70
<i>Callinectes sapidus</i>	Blue crab	127057	78161	204708	75684	65685	67550
Total calculated		130129	78494	205632	75740	65769	67620
Total given		153386	89273	272216	106876	81505	85064
Grand Total calculated		145122	84823	250488	100688	73713	76076
% represented by Given Species		94.61	95.02	92.02	94.21	90.44	89.43
<b>NOTES:</b>							
1. "Total Given" includes all organisms collected. "Total Calculated" includes only those species listed by name.							
* Table 4.4 Ecological Studies at Oyster Creek Nuclear Generating station Progress Report Sept 1980 - August 1981							

Weekly Estimated Weight (kg) of Selected Species Impinged, Sept 1980 - Aug. 1981\*

	Month	September					October	October
	Week	1	2	3	4	5	1	2
	Dates	1	8	15	22	29	6	13
	Year	1980	1980	1980	1980	1980	1980	1980
<i>Brevoortia tyrannus</i>	Atlantic menhaden	9.90	0.00	0.06	0.23	0.00	2.88	0.93
<i>Anchoa mitchilli</i>	Bay anchovy	4.01	1.62	0.92	0.12	1.11	0.28	0.80
<i>Menidia menidia</i>	Atlantic silverside	0.06	0.00	0.00	0.00	0.16	0.00	0.47
<i>Syngnathus fuscus</i>	Northern pipefish	0.25	0.10	0.01	0.00	0.47	0.13	0.56
<i>Pomatomus saltatrix</i>	Bluefish	2.82	0.86	0.00	1.27	0.96	0.88	1.06
<i>Cynoscion regalis</i>	Weakfish	5.11	2.02	0.28	0.36	4.72	0.85	9.55
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Gobiosoma boscii</i>	Naked goby	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Etropus microstomus</i>	Smallmouth flounder	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	114.30	3.03	7.12	4.82	245.07	70.05	476.94
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sphaeroides maculatus</i>	Northern puffer	0.47	0.08	0.00	0.00	15.76	1.41	6.03
<b>Total calculated</b>		<b>136.92</b>	<b>7.71</b>	<b>8.39</b>	<b>6.80</b>	<b>268.25</b>	<b>76.48</b>	<b>496.34</b>
<i>Crangon septemspinosa</i>	Sand shrimp	0.07	0.00	0.00	0.00	0.02	0.00	0.03
<i>Callinectes sapidus</i>	Blue crab	602.45	470.00	535.15	348.97	783.21	248.21	901.29
<b>Total calculated</b>		<b>602.52</b>	<b>470.00</b>	<b>535.15</b>	<b>348.97</b>	<b>783.23</b>	<b>248.21</b>	<b>901.32</b>
<b>Grand Total calculated</b>		<b>739.44</b>	<b>477.71</b>	<b>543.54</b>	<b>355.77</b>	<b>1051.48</b>	<b>324.69</b>	<b>1397.66</b>
1. "Total Calculated" includes all organisms listed here. No totals were given on the source table.								
* Table 4.5, ecological studies at Oyster Creek nuclear generating station, progress report sept 1980 - 1981								

Weekly Estimated Weight (kg) of Selected Species Impinged, Sept 1980 - Aug. 1981\*

		October (cont'd)		November				
		Week	3	4	1	2	3	4
		Dates	20	27	3	10	17	24
		Year	1980	1980	1980	1980	1980	1980
<i>Brevoortia tyrannus</i>	Atlantic menhaden		1.19	119.47	63.85	146.35	98.11	0.00
<i>Anchoa mitchilli</i>	Bay anchovy		0.04	0.35	0.11	0.65	0.61	0.81
<i>Menidia menidia</i>	Atlantic silverside		0.26	36.31	53.64	550.96	532.29	3.52
<i>Syngnathus fuscus</i>	Northern pipefish		0.29	6.40	16.00	33.27	40.49	1.94
<i>Pomatomus saltatrix</i>	Bluefish		2.10	24.64	1.45	9.70	2.59	0.00
<i>Cynoscion regalis</i>	Weakfish		5.65	31.31	15.63	152.66	1.15	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish		0.00	4.69	0.00	5.04	1.27	0.00
<i>Gobiosoma boscii</i>	Naked goby		0.00	0.00	0.41	2.74	27.08	6.47
<i>Etropus microstomus</i>	Smallmouth flounder		0.90	2.40	7.78	25.85	253.38	2.41
<i>Paralichthys dentatus</i>	Summer flounder		36.20	57.43	80.95	137.04	105.69	3.47
<i>Pseudopleuronectes americanus</i>	Winter flounder		0.00	1.24	66.93	304.95	2281.21	46.19
<i>Sphoeroides maculatus</i>	Northern puffer		0.00	3.12	0.62	0.00	0.00	0.00
Total calculated			46.63	287.36	307.37	1369.21	3343.87	64.81
<i>Crangon septemspinosa</i>	Sand shrimp		0.00	4.22	8.94	231.06	1842.37	233.47
<i>Callinectes sapidus</i>	Blue crab		1162.80	870.22	276.25	363.71	10.91	0.12
Total calculated			1162.80	874.44	285.19	594.77	1853.28	233.59
Grand Total calculated			1209.43	1161.80	592.56	1963.98	5197.15	298.40
1. "Total Calculated" includes all organisms listed here. No totals were given on the source table.								
* Table 4.5, ecological studies at Oyster Creek nuclear generating station, progress report sept 1980 - 1981								

Weekly Estimated Weight (kg) of Selected Species Impinged, Sept 1980 - Aug. 1981\*

	Month	December					January	
		1	2	3	4	5	1	2
		1	8	15	22	29	5	12
		1980	1980	1980	1980	1980	1981	1981
<i>Brevoortia tyrannus</i>	Atlantic menhaden	5.27	0.00	0.00	0.00	0.00	0.00	0.00
<i>Anchoa mitchilli</i>	Bay anchovy	2.45	0.41	0.29	0.02	0.01	0.03	0.03
<i>Menidia menidia</i>	Atlantic silverside	58.19	19.07	22.81	2.63	7.25	1.26	1.69
<i>Syngnathus fuscus</i>	Northern pipefish	8.60	1.95	3.70	0.13	0.68	0.14	0.04
<i>Pomatomus saltatrix</i>	Bluefish	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Gobiosoma boscii</i>	Naked goby	3.31	3.13	3.57	1.89	0.31	2.60	0.35
<i>Etropus microstomus</i>	Smallmouth flounder	2.79	2.68	2.73	0.03	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	4.31	0.00	4.26	0.00	0.00	0.00	0.00
<i>Pseudopleuronectes americanus</i>	Winter flounder	45.46	114.33	347.54	435.95	384.38	382.93	192.37
<i>Sphoeroides maculatus</i>	Northern puffer	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total calculated</b>		<b>130.38</b>	<b>141.57</b>	<b>384.90</b>	<b>440.65</b>	<b>392.63</b>	<b>386.96</b>	<b>194.48</b>
<i>Crangon septemspinosa</i>	Sand shrimp	668.81	282.16	474.09	363.79	333.97	248.90	358.64
<i>Callinectes sapidus</i>	Blue crab	57.39	11.07	1.27	3.54	0.23	10.40	5.72
<b>Total calculated</b>		<b>726.20</b>	<b>293.23</b>	<b>475.36</b>	<b>367.33</b>	<b>334.20</b>	<b>259.30</b>	<b>364.36</b>
<b>Grand Total calculated</b>		<b>856.58</b>	<b>434.80</b>	<b>860.26</b>	<b>807.98</b>	<b>726.83</b>	<b>646.26</b>	<b>558.84</b>
1. "Total Calculated" includes all organisms listed here. No totals were given on the source table.								
* Table 4.5, ecological studies at Oyster Creek nuclear generating station, progress report sept 1980 - 1981								

Weekly Estimated Weight (kg) of Selected Species Impinged, Sept 1980 - Aug. 1981\*

		January (cont'd)		February				March	
		Week		1	2	3	4	1	2
		Dates		2	9	16	23	2	9
		Year		1981	1981	1981	1981	1981	1981
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.00	0.00	1.06	0.00	0.00	1.27	0.00	0.00
<i>Anchoa mitchilli</i>	Bay anchovy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Menidia menidia</i>	Atlantic silverside	7.90	4.16	10.74	2.38	5.86	27.78	9.61	13.86
<i>Syngnathus fuscus</i>	Northern pipefish	0.03	0.04	0.00	0.06	0.00	0.00	1.30	2.37
<i>Pomatomus saltatrix</i>	Bluefish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Gobiosoma boscii</i>	Naked goby	0.01	0.04	0.06	0.00	0.04	0.04	0.00	0.08
<i>Etropus microstomus</i>	Smallmouth flounder	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	0.00	0.00	3.05	0.00	0.00	0.00	0.00	4.84
<i>Pseudopleuronectes americanus</i>	Winter flounder	123.13	290.60	1843.16	686.84	96.75	428.75	37.87	78.68
<i>Sphoeroides maculatus</i>	Northern puffer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total calculated</b>		<b>131.07</b>	<b>294.84</b>	<b>1858.07</b>	<b>689.28</b>	<b>102.65</b>	<b>457.84</b>	<b>48.78</b>	<b>99.83</b>
<i>Crangon septemspinosa</i>	Sand shrimp	52.91	11.32	13.41	40.60	32.41	42.60	80.90	77.15
<i>Callinectes sapidus</i>	Blue crab	0.39	4.10	1.37	3.14	11.39	3.92	0.95	0.00
<b>Total calculated</b>		<b>53.30</b>	<b>15.42</b>	<b>14.78</b>	<b>43.74</b>	<b>43.80</b>	<b>46.52</b>	<b>81.85</b>	<b>77.15</b>
<b>Grand Total calculated</b>		<b>184.37</b>	<b>310.26</b>	<b>1872.85</b>	<b>733.02</b>	<b>146.45</b>	<b>504.36</b>	<b>130.63</b>	<b>176.98</b>
1. "Total Calculated" includes all organisms listed here. No totals were given on the source table.									
* Table 4.5, ecological studies at Oyster Creek nuclear generating station, progress report sept 1980 - 1981									

Weekly Estimated Weight (kg) of Selected Species Impinged, Sept 1980 - Aug. 1981\*

		March (cont'd)			April				
		Week	3	4	5	1	2	3	4
		Dates	16	23	30	6	13	20	27
		Year	1981	1981	1981	1981	1981	1981	1981
<i>Brevoortia tyrannus</i>	Atlantic menhaden		0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Anchoa mitchilli</i>	Bay anchovy		0.00	0.00	0.00	0.08	2.12	0.07	0.08
<i>Menidia menidia</i>	Atlantic silverside		26.99	26.77	10.15	12.32	10.77	0.66	0.11
<i>Syngnathus fuscus</i>	Northern pipefish		9.60	15.56	6.23	8.54	24.45	1.46	2.25
<i>Pomatomus saltatrix</i>	Bluefish		0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish		0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish		0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Gobiosoma boscii</i>	Naked goby		0.25	0.01	0.00	0.03	0.87	0.00	0.00
<i>Etropus microstomus</i>	Smallmouth flounder		0.06	0.00	0.00	0.00	0.25	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder		6.64	5.83	2.85	2.52	15.61	0.00	2.58
<i>Pseudopleuronectes americanus</i>	Winter flounder		86.77	72.58	4.81	0.00	71.35	0.00	0.00
<i>Sphoeroides maculatus</i>	Northern puffer		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total calculated			130.31	120.75	24.04	23.49	125.42	2.19	5.02
<i>Crangon septemspinosa</i>	Sand shrimp		238.50	240.37	112.16	141.65	817.01	68.41	182.33
<i>Callinectes sapidus</i>	Blue crab		0.76	0.41	36.23	232.26	310.46	471.52	296.37
Total calculated			239.26	240.78	148.39	373.91	1127.47	539.93	478.70
Grand Total calculated			369.57	361.53	172.43	397.40	1252.89	542.12	483.72
1. "Total Calculated" includes all organisms listed here. No totals were given on the source table.									
* Table 4.5, ecological studies at Oyster Creek nuclear generating station, progress report sept 1980 - 1981									

Weekly Estimated Weight (kg) of Selected Species Impinged, Sept 1980 - Aug. 1981\*

	Month	May				June			
		1	2	3	4	1	2	3	4
		4	11	18	26	1	8	22	29
		1981	1981	1981	1981	1981	1981	1981	1981
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25
<i>Anchoa mitchilli</i>	Bay anchovy	0.49	0.35	0.10	1.08	0.25	1.46	2.46	11.29
<i>Menidia menidia</i>	Atlantic silverside	0.89	0.86	0.22	2.48	0.00	0.50	1.01	0.28
<i>Syngnathus fuscus</i>	Northern pipefish	2.74	10.76	3.85	8.63	3.34	7.78	7.22	3.42
<i>Pomatomus saltatrix</i>	Bluefish	0.00	0.00	0.00	0.00	0.13	0.70	0.28	6.99
<i>Cynoscion regalis</i>	Weakfish	0.00	2.48	0.00	0.00	0.00	0.00	0.00	2.49
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Gobiosoma boscii</i>	Naked goby	0.00	0.00	0.00	0.14	0.10	0.00	0.11	0.00
<i>Etropus microstomus</i>	Smallmouth flounder	0.00	0.00	0.31	0.00	0.00	0.20	1.37	0.00
<i>Paralichthys dentatus</i>	Summer flounder	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.85
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.00	0.00	0.00	0.00	0.01	0.14	6.36	2.39
<i>Sphaeroides maculatus</i>	Northern puffer	0.00	1.70	1.41	0.00	2.80	0.87	0.67	0.15
<b>Total calculated</b>		<b>4.12</b>	<b>16.15</b>	<b>5.89</b>	<b>12.33</b>	<b>6.63</b>	<b>11.65</b>	<b>19.48</b>	<b>36.11</b>
<i>Crangon septemspinosa</i>	Sand shrimp	97.43	186.62	27.89	91.95	73.50	16.07	3.30	0.15
<i>Callinectes sapidus</i>	Blue crab	574.18	367.48	141.39	502.95	549.47	969.53	1553.02	3013.57
<b>Total calculated</b>		<b>671.61</b>	<b>554.10</b>	<b>169.28</b>	<b>594.90</b>	<b>622.97</b>	<b>985.60</b>	<b>1556.32</b>	<b>3013.72</b>
<b>Grand Total calculated</b>		<b>675.73</b>	<b>570.25</b>	<b>175.17</b>	<b>607.23</b>	<b>629.60</b>	<b>997.25</b>	<b>1575.80</b>	<b>3049.83</b>
1. "Total Calculated" includes all organisms listed here. No totals were given on the source table.									
* Table 4.5, ecological studies at Oyster Creek nuclear generating station, progress report sept 1980 - 1981									



Weekly Estimated Weight (kg) of Selected Species Impinging, Sept 1980 - Aug. 1981\*

	Month	July				August	
	Week	1	2	3	4	1	2
	Dates	6	13	20	27	3	10
	Year	1981	1981	1981	1981	1981	1981
<i>Brevoortia tyrannus</i>	Atlantic menhaden	1.92	1.49	6.24	0.90	0.53	1.64
<i>Anchoa mitchilli</i>	Bay anchovy	13.27	4.53	65.55	45.14	8.85	12.54
<i>Menidia menidia</i>	Atlantic silverside	1.23	0.05	0.08	0.00	0.00	0.36
<i>Syngnathus fuscus</i>	Northern pipefish	2.55	3.79	8.32	0.64	0.14	0.13
<i>Pomatomus saltatrix</i>	Bluefish	7.40	7.87	10.42	0.36	1.27	2.13
<i>Cynoscion regalis</i>	Weakfish	10.73	1.62	21.25	15.93	14.14	16.58
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.03	0.00	0.00
<i>Gobiosoma boscii</i>	Naked goby	0.00	0.00	0.34	0.00	0.00	0.00
<i>Etropus microstomus</i>	Smallmouth flounder	0.09	0.00	2.91	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	4.65	0.00	61.10	0.00	0.00	0.00
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.08	2.35	0.00	0.00	0.00	0.00
<i>Sphaeroides maculatus</i>	Northern puffer	4.23	3.72	66.05	1.29	0.00	0.29
Total calculated		46.15	25.42	242.26	64.29	24.93	33.67
<i>Crangon septemspinosa</i>	Sand shrimp	1.41	0.28	0.42	0.06	0.06	0.07
<i>Callinectes sapidus</i>	Blue crab	4253.28	2268.31	7731.75	3850.20	3586.10	3110.56
Total calculated		4254.69	2268.59	7732.17	3850.26	3586.16	3110.63
Grand Total calculated		4300.84	2294.01	7974.43	3914.55	3611.09	3144.30
1. "Total Calculated" includes all organisms listed here. No totals were given on the source table.							
* Table 4.5, ecological studies at Oyster Creek nuclear generating station, progress report sept 1980 - 1981							

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month Time Location	September					October		
	night	day	night	day	24hr	night	day	24hr
	intake	intake	discharge	discharge	combined	intake	intake	combined
Adult								
<i>Apeltes quadracus</i>								
<i>Gobiosoma boscii</i>								
Other Species								
Juveniles								
<i>Chasmodes bosquianus</i>								
<i>Anchoa mitchilli</i>	10.14	0.00	4.74	0.00	5.78	1.48	2.67	0.89
<i>Hippocampus erectus</i>						0.00	0.00	0.55
<i>Menidia menidia</i>								
<i>Syngnathus fuscus</i>	2.17	5.25	4.90	3.40	3.71	1.98	0.00	1.58
<i>Cynoscion regalis</i>								
Gobiidae								
<i>Gobiosoma boscii</i>								
unidentified frag								
Glass								
<i>Anguilla rostrata</i>								
Larvae								
<i>Tautoga onitis</i>								
<i>Paralichthys dentatus</i>						0.00	0.00	1.07
<i>Brevoortia tyrannus</i>	0.00	0.00	0.56	0.00	0.22			
<i>Myoxocephalus aeneus</i>								
<i>Anchoa mitchilli</i>	6.87	10.63	6.39	15.65	8.08	0.75	0.00	0.59
<i>Strongylura marina</i>								
Atherinidae	0.76	0.00	0.00	0.00	0.30			
Blenniidae								
Gobiidae	1.34	0.00	4.79	3.40	2.76			
<i>Trinectes maculatus</i>								
<i>Sphoeroides maculatus</i>								
<i>Scopthalmus aquosus</i>								
<i>Ammodytes</i> sp.								
<i>Pseudopleuronectes americanus</i>								
Unidentified Fish								

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month Time Location	September					October		
	night	day	night	day	24hr	night	day	24hr
	intake	intake	discharge	discharge	combined	intake	intake	combined
Eggs								
<i>Menidia beryllina</i>								
Gobiidae								
Atherinidae								
<i>Paralichthys dentatus</i>						2.12	27.75	11.11
Labridae egg	0.00	0.00	8.99	44.05	8.39			
<i>Scophthalmus aquosus</i>								
<i>Brevoortia tyrannus</i>								
<i>Anchoa mitchilli</i>								
<i>Merluccius bilinearis</i>								
<i>Tautoga onitis</i>								
<i>Trinectes maculatus</i>								
<i>Pseudopleuronectes americanus</i>								
Unidentified Fish						17.72	0.00	10.89
<b>Totals</b>								
<b>Given Total</b>	21.29	15.88	30.36	66.50	29.24	24.04	30.43	26.67
<b>Calculated Adults</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Calculated Juveniles</b>	12.31	5.25	9.64	3.40	9.49	3.46	2.67	3.02
<b>Calculated Larvae</b>	8.97	10.63	11.74	19.05	11.36	0.75	0.00	1.66
<b>Calculated Eggs</b>	0.00	0.00	8.99	44.05	8.39	19.84	27.75	22.00
<b>Calculated Total</b>	21.28	15.88	30.37	66.50	29.24	24.05	30.42	26.68
<b>Difference</b>	0.01	0.00	-0.01	0.00	0.00	-0.01	0.01	-0.01
<b>NOTES:</b>								
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.								
* Table 5.2, Ecological Studies at Oyster Creek Nuclear Generating Station, progress report sept 1980 - Aug 1981								

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month	November					December	
Time	night	day	night	day	24hr	night	day
Location	intake	intake	discharge	discharge	combined	intake	intake
Adult							
<i>Apeltes quadracus</i>						0.87	0.00
<i>Gobiosoma boscii</i>	1.34	0.00	1.27	0.00	0.87		
Other Species	0.00	0.00	1.05	0.00	0.35	0.00	0.00
Juveniles							
<i>Chasmodes bosquianus</i>							
<i>Anchoa mitchilli</i>							
<i>Hippocampus erectus</i>							
<i>Menidia menidia</i>							
<i>Syngnathus fuscus</i>							
<i>Cynoscion regalis</i>							
Gobiidae							
<i>Gobiosoma boscii</i>	5.11	0.00	0.00	0.00	1.70		
unidentified frag							
Glass							
<i>Anguilla rostrata</i>							
Larvae							
<i>Tautoga onitis</i>							
<i>Paralichthys dentatus</i>							
<i>Brevoortia tyrannus</i>						0.83	0.00
<i>Myoxocephalus aeneus</i>							
<i>Anchoa mitchilli</i>							
<i>Strongylura marina</i>							
Atherinidae							
Blenniidae							
Gobiidae							
<i>Trinectes maculatus</i>							
<i>Sphoeroides maculatus</i>							
<i>Scophthalmus aquosus</i>							
<i>Ammodytes</i> sp.						12.57	13.13
<i>Pseudopleuronectes americanus</i>							
Unidentified Fish							

Monthly Mean Sample Densities (n/100m<sup>3</sup>) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month Time Location	November					December	
	night	day	night	day	24hr	night	day
	intake	intake	discharge	discharge	combined	intake	intake
Eggs							
<i>Menidia beryllina</i>							
Gobiidae							
Atherinidae							
<i>Paralichthys dentatus</i>							
Labridae egg							
<i>Scophthalmus aquosus</i>							
<i>Brevoortia tyrannus</i>							
<i>Anchoa mitchilli</i>							
<i>Merluccius bilinearis</i>							
<i>Tautoga onitis</i>							
<i>Trinectes maculatus</i>							
<i>Pseudopleuronectes americanus</i>							
Unidentified Fish							
Totals							
Given Total	6.45	0.00	2.33	0.00	2.93	14.27	13.13
Calculated Adults	1.34	0.00	2.32	0.00	1.22	0.87	0.00
Calculated Juveniles	5.11	0.00	0.00	0.00	1.70	0.00	0.00
Calculated Larvae	0.00	0.00	0.00	0.00	0.00	13.40	13.13
Calculated Eggs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Calculated Total	6.45	0.00	2.32	0.00	2.92	14.27	13.13
Difference	0.00	0.00	0.01	0.00	0.01	0.00	0.00
NOTES:							
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.							
* Table 5.2, Ecological Studies at Oyster Creek Nuclear Generating Station, progress report sept 1980 - Aug 1981							

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month Time Location	December (cont'd)			January				
	night	day	24hr	night	day	night	day	24hr
	discharge	discharge	combined	intake	intake	discharge	discharge	combined
Adult								
<i>Apeltes quadracus</i>	0.76	0.00	0.58					
<i>Gobiosoma bosci</i>								
Other Species	0.97	0.00	0.35					
Juveniles								
<i>Chasmodes bosquianus</i>								
<i>Anchoa mitchilli</i>								
<i>Hippocampus erectus</i>								
<i>Menidia menidia</i>								
<i>Syngnathus fuscus</i>								
<i>Cynoscion regalis</i>								
Gobiidae								
<i>Gobiosoma bosci</i>								
unidentified frag								
Glass								
<i>Anguilla rostrata</i>								
Larvae								
<i>Tautoga onitis</i>								
<i>Paralichthys dentatus</i>								
<i>Brevoortia tyrannus</i>	0.00	0.00	0.30					
<i>Myoxocephalus aeneus</i>								
<i>Anchoa mitchilli</i>								
<i>Strongylura marina</i>								
Atherinidae								
Blenniidae								
Gobiidae								
<i>Trinectes maculatus</i>								
<i>Sphoeroides maculatus</i>								
<i>Scopthalmus aquosus</i>								
<i>Ammodytes</i> sp.	17.26	25.00	16.10	33.12	53.95	62.80	55.92	51.85
<i>Pseudopleuronectes americanus</i>								
Unidentified Fish								

Monthly Mean Sample Densities (n/100m<sup>3</sup>) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month	December (cont'd)			January					
	Time	night	day	24hr	night	day	night	day	24hr
	Location	discharge	discharge	combined	intake	intake	discharge	discharge	combined
Eggs									
<i>Menidia beryllina</i>									
Gobiidae									
Atherinidae									
<i>Paralichthys dentatus</i>									
Labridae egg									
<i>Scophthalmus aquosus</i>									
<i>Brevoortia tyrannus</i>									
<i>Anchoa mitchilli</i>									
<i>Merluccius bilinearis</i>									
<i>Tautoga onitis</i>									
<i>Trinectes maculatus</i>									
<i>Pseudopleuronectes americanus</i>					0.00	0.00	2.86	0.00	1.04
Unidentified Fish									
Totals									
Given Total		18.99	25.00	17.33	33.12	53.95	65.66	55.92	52.89
Calculated Adults		1.73	0.00	0.93	0.00	0.00	0.00	0.00	0.00
Calculated Juveniles		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Calculated Larvae		17.26	25.00	16.40	33.12	53.95	62.80	55.92	51.85
Calculated Eggs		0.00	0.00	0.00	0.00	0.00	2.86	0.00	1.04
Calculated Total		18.99	25.00	17.33	33.12	53.95	65.66	55.92	52.89
Difference		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOTES:									
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.									
* Table 5.2, Ecological Studies at Oyster Creek Nuclear Generating Station, progress report sept 1980 - Aug 1981									

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month Time Location	February					March	
	night	day	night	day	24hr	night	day
	intake	discharge	intake	discharge	combined	intake	intake
Adult							
<i>Apeltes quadracus</i>						1.62	0.00
<i>Gobiosoma boscii</i>							
Other Species							
Juveniles							
<i>Chasmodes bosquianus</i>							
<i>Anchoa mitchilli</i>							
<i>Hippocampus erectus</i>							
<i>Menidia menidia</i>							
<i>Syngnathus fuscus</i>							
<i>Cynoscion regalis</i>							
Gobiidae							
<i>Gobiosoma boscii</i>							
unidentified frag							
Glass							
<i>Anguilla rostrata</i>	2.84	0.00	2.88	0.00	1.90	9.48	0.00
Larvae							
<i>Tautoga onitis</i>							
<i>Paralichthys dentatus</i>						0.00	0.00
<i>Brevoortia tyrannus</i>							
<i>Myoxocephalus aeneus</i>	2.40	0.00	0.00	0.00	0.80	2.35	3.22
<i>Anchoa mitchilli</i>							
<i>Strongylura marina</i>							
Atherinidae							
Blenniidae							
Gobiidae							
<i>Trinectes maculatus</i>							
<i>Sphoeroides maculatus</i>							
<i>Scophthalmus aquosus</i>							
<i>Ammodytes</i> sp.	58.58	56.78	22.43	18.30	39.51	53.21	68.80
<i>Pseudopleuronectes americanus</i>	39.83	53.55	36.36	32.53	39.74	147.36	59.57
Unidentified Fish							



Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month	February					March	
Time	night	day	night	day	24hr	night	day
Location	intake	discharge	intake	discharge	combined	intake	intake
Eggs							
<i>Menidia beryllina</i>							
Gobiidae							
Atherinidae							
<i>Paralichthys dentatus</i>							
Labridae egg						0.78	0.00
<i>Scophthalmus aquosus</i>						2.11	0.00
<i>Brevoortia tyrannus</i>							
<i>Anchoa mitchilli</i>							
<i>Merluccius bilinearis</i>							
<i>Tautoga onitis</i>							
<i>Trinectes maculatus</i>							
<i>Pseudopleuronectes americanus</i>	185.43	130.15	2579.25	158.98	969.75	1.16	0.00
Unidentified Fish	2.84	3.20	0.00	0.00	1.48	1.07	0.00
<b>Totals</b>							
<b>Given Total</b>	291.90	243.68	2640.91	209.80	1053.18	219.14	131.60
<b>Calculated Adults</b>	0.00	0.00	0.00	0.00	0.00	1.62	0.00
<b>Calculated Juveniles</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Calculated Larvae</b>	103.65	110.33	61.67	50.83	81.95	212.40	131.59
<b>Calculated Eggs</b>	188.27	133.35	2579.25	158.98	971.23	5.12	0.00
<b>Calculated Total</b>	291.92	243.68	2640.92	209.81	1053.18	219.14	131.59
<b>Difference</b>	-0.02	0.00	-0.01	-0.01	0.00	0.00	0.01
<b>NOTES:</b>							
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.							
* Table 5.2, Ecological Studies at Oyster Creek Nuclear Generating Station, progress report sept 1980 - Aug 1981							

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month Time Location	March (cont'd)			April				
	night	day	24hr	night	day	night	day	24hr
	discharge	discharge	combined	intake	intake	discharge	discharge	combined
Adult								
<i>Apeltes quadracus</i>	0.79	0.00	0.94					
<i>Gobiosoma boscii</i>								
Other Species				0.00	0.00	0.57	0.00	0.21
Juveniles								
<i>Chasmodes bosquianus</i>								
<i>Anchoa mitchilli</i>								
<i>Hippocampus erectus</i>								
<i>Menidia menidia</i>								
<i>Syngnathus fuscus</i>								
<i>Cynoscion regalis</i>								
Gobiidae								
<i>Gobiosoma boscii</i>								
unidentified frag								
Glass								
<i>Anguilla rostrata</i>	4.59	0.00	5.47	1.84	0.00	3.41	0.00	1.97
Larvae								
<i>Tautoga onitis</i>								
<i>Paralichthys dentatus</i>	0.60	0.00	0.23					
<i>Brevoortia tyrannus</i>								
<i>Myoxocephalus aeneus</i>	2.26	4.63	2.67	3.61	0.00	0.85	0.00	1.67
<i>Anchoa mitchilli</i>								
<i>Strongylura marina</i>								
Atherinidae				0.00	0.00	1.68	0.00	0.63
Blenniidae								
Gobiidae								
<i>Trinectes maculatus</i>								
<i>Sphoeroides maculatus</i>								
<i>Scophthalmus aquosus</i>				1.36	1.92	1.88	2.10	1.72
<i>Ammodytes</i> sp.	81.64	70.10	67.88	75.67	155.90	62.32	108.88	84.84
<i>Pseudopleuronectes americanus</i>	167.80	73.58	137.36	6.16	14.43	4.28	50.25	12.00
Unidentified Fish								

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

	Month	March (cont'd)			April				
	Time	night	day	24hr	night	day	night	day	24hr
	Location	discharge	discharge	combined	intake	intake	discharge	discharge	combined
Eggs									
<i>Menidia beryllina</i>									
Gobiidae									
Atherinidae									
<i>Paralichthys dentatus</i>									
Labridae egg		0.00	0.00	0.30	19.99	40.35	22.00	44.35	26.33
<i>Scophthalmus aquosus</i>		2.24	0.00	1.69	16.38	104.10	25.58	83.07	39.13
<i>Brevoortia tyrannus</i>									
<i>Anchoa mitchilli</i>									
<i>Merluccius bilinearis</i>									
<i>Tautoga onitis</i>									
<i>Trinectes maculatus</i>									
<i>Pseudopleuronectes americanus</i>		2.89	0.00	1.57					
Unidentified Fish		0.73	0.00	0.70	13.61	14.70	24.76	76.03	25.73
Totals									
Given Total		263.53	148.30	218.81	138.61	331.40	147.32	364.68	194.23
Calculated Adults		0.79	0.00	0.94	0.00	0.00	0.57	0.00	0.21
Calculated Juveniles		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Calculated Larvae		256.89	148.31	213.61	88.64	172.25	74.42	161.23	102.83
Calculated Eggs		5.86	0.00	4.26	49.98	159.15	72.34	203.45	91.19
Calculated Total		263.54	148.31	218.81	138.62	331.40	147.33	364.68	194.23
Difference		-0.01	-0.01	0.00	-0.01	0.00	-0.01	0.00	0.00
NOTES:									
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.									
* Table 5.2, Ecological Studies at Oyster Creek Nuclear Generating Station, progress report sept 1980 - Aug 1981									

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

	Month	May					June	
	Time	night	day	night	day	24hr	night	day
	Location	intake	intake	discharge	discharge	combined	intake	intake
Adult								
	<i>Apeltes quadracus</i>							
	<i>Gobiosoma bosci</i>							
	Other Species						0.00	0.00
	Juveniles							
	<i>Chasmodes bosquianus</i>						0.00	0.00
	<i>Anchoa mitchilli</i>						4.06	0.00
	<i>Hippocampus erectus</i>						0.00	0.00
	<i>Menidia menidia</i>						7.93	19.85
	<i>Syngnathus fuscus</i>	17.13	17.67	11.98	8.32	14.00	52.26	8.52
	<i>Cynoscion regalis</i>							
	Gobiidae						0.00	0.00
	<i>Gobiosoma bosci</i>						1.01	0.00
	unidentified frag							
	Glass							
	<i>Anguilla rostrata</i>							
	Larvae							
	<i>Tautoga onitis</i>	1.19	0.00	0.00	0.00	0.40		
	<i>Paralichthys dentatus</i>							
	<i>Brevoortia tyrannus</i>							
	<i>Myoxocephalus aeneus</i>							
	<i>Anchoa mitchilli</i>	34.21	3.35	2.58	23.48	16.33	264.34	150.07
	<i>Strongylura marina</i>						1.26	0.00
	Atherinidae	27.12	0.00	52.09	2.45	28.70	39.47	0.00
	Blenniidae						6.06	0.00
	Gobiidae						159.74	148.73
	<i>Trinectes maculatus</i>						1.50	0.00
	<i>Sphoeroides maculatus</i>	0.00	0.00	0.88	0.00	0.33	3.11	0.00
	<i>Scopthalmus aquosus</i>	0.00	0.00	0.72	0.00	0.27	0.00	0.00
	<i>Ammodytes</i> sp.	2.40	0.00	0.00	0.00	0.80		
	<i>Pseudopleuronectes americanus</i>	0.00	3.30	0.00	0.00	0.49		
	Unidentified Fish						0.00	0.00

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month Time Location	May					June	
	night	day	night	day	24hr	night	day
	intake	intake	discharge	discharge	combined	intake	intake
Eggs							
<i>Menidia beryllina</i>	1.24				0.40		
Gobiidae							
Atherinidae	0.00	0.00	2.16	0.00	0.80		
<i>Paralichthys dentatus</i>							
Labridae egg	62.09	18.92	56.97	41.95	50.81	11.60	25.00
<i>Scophthalmus aquosus</i>	0.00	0.00	5.24	0.00	1.94		
<i>Brevoortia tyrannus</i>	2.59	0.00	0.72	0.00	1.13	18.84	0.00
<i>Anchoa mitchilli</i>	382.64	486.80	285.68	251.43	342.72	2236.79	921.13
<i>Merluccius bilinearis</i>	1.24	0.00	0.00	0.00	0.41		
<i>Tautoga onitis</i>	1.19	0.00	0.00	0.00	0.40		
<i>Trinectes maculatus</i>						51.40	0.00
<i>Pseudopleuronectes americanus</i>							
Unidentified Fish	1.20	0.00	3.99	1.95	2.17	284.19	8.55
<b>Totals</b>							
<b>Given Total</b>	531.82	530.05	423.01	329.57	461.30	3143.56	1281.85
<b>Calculated Adults</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Calculated Juveniles</b>	17.13	17.67	11.98	8.32	14.00	65.26	28.37
<b>Calculated Larvae</b>	64.92	6.65	56.27	25.93	47.32	475.48	298.80
<b>Calculated Eggs</b>	452.19	505.72	354.76	295.33	400.78	2602.82	954.68
<b>Calculated Total</b>	534.24	530.04	423.01	329.58	462.10	3143.56	1281.85
<b>Difference</b>	-2.42	0.01	0.00	-0.01	-0.80	0.00	0.00
<b>NOTES:</b>							
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.							
* Table 5.2, Ecological Studies at Oyster Creek Nuclear Generating Station, progress report sept 1980 - Aug 1981							

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month		June (cont'd)			July				
Time		night	day	24hr	night	day	night	day	24hr
Location		discharge	discharge	combined	intake	intake	discharge	discharge	combined
Adult									
	<i>Apeltes quadracus</i>								
	<i>Gobiosoma bosci</i>								
	Other Species	0.68	0.00	0.27					
	Juveniles								
	<i>Chasmodes bosquianus</i>	0.70	0.00	0.28					
	<i>Anchoa mitchilli</i>	1.14	0.00	2.08	30.98	0.00	40.42	0.00	26.77
	<i>Hippocampus erectus</i>	0.71	0.00	0.28					
	<i>Menidia menidia</i>	17.73	8.37	13.25	0.95	0.00	1.93	0.00	1.08
	<i>Syngnathus fuscus</i>	43.34	8.67	39.96	9.07	0.00	5.79	0.00	5.57
	<i>Cynoscion regalis</i>				1.85	0.00	3.69	0.00	2.08
	Gobiidae	23.59	0.00	9.44					
	<i>Gobiosoma bosci</i>	0.00	0.00	0.41					
	unidentified frag				0.00	0.00	1.00	0.00	0.37
	Glass								
	<i>Anguilla rostrata</i>								
	Larvae								
	<i>Tautoga onitis</i>								
	<i>Paralichthys dentatus</i>								
	<i>Brevoortia tyrannus</i>								
	<i>Myoxocephalus aeneus</i>								
	<i>Anchoa mitchilli</i>	146.19	127.10	192.25	455.76	122.23	229.60	87.88	283.27
	<i>Strongylura marina</i>	0.00	0.00	0.50					
	Atherinidae	58.55	0.00	39.21	3.17	0.00	1.06	2.90	1.95
	Blenniidae	3.30	0.00	3.75	5.21	0.00	1.59	0.00	2.55
	Gobiidae	116.55	62.83	132.90	156.28	65.45	124.84	25.83	116.83
	<i>Trinectes maculatus</i>	0.00	0.00	0.60					
	<i>Sphoeroides maculatus</i>	3.12	0.00	2.49					
	<i>Scophthalmus aquosus</i>	1.17	0.00	0.47					
	<i>Ammodytes</i> sp.								
	<i>Pseudopleuronectes americanus</i>								
	Unidentified Fish	0.76	0.00	0.31	2.33	0.00	0.00	0.00	0.87

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month	June (cont'd)			July				
Time	night	day	24hr	night	day	night	day	24hr
Location	discharge	discharge	combined	intake	intake	discharge	discharge	combined
Eggs								
<i>Menidia beryllina</i>								
Gobiidae				0.00	4.53	0.00	0.00	0.57
Atherinidae								
<i>Paralichthys dentatus</i>								
Labridae egg	15.47	34.40	16.63					
<i>Scophthalmus aquosus</i>								
<i>Brevoortia tyrannus</i>	27.45	0.00	18.52					
<i>Anchoa mitchilli</i>	2775.13	779.30	2176.83	1212.07	4981.35	1182.63	5698.08	2232.94
<i>Merluccius bilinearis</i>								
<i>Tautoga onitis</i>								
<i>Trinectes maculatus</i>	40.36	0.00	36.71	17.05	0.00	23.58	0.00	15.24
<i>Pseudopleuronectes americanus</i>								
Unidentified Fish	291.22	52.93	235.67	161.96	0.00	173.68	0.00	125.86
<b>Totals</b>								
<b>Given Total</b>	3567.15	1073.60	2922.80	2056.67	5173.55	1789.82	5814.68	2815.96
<b>Calculated Adults</b>	0.68	0.00	0.27	0.00	0.00	0.00	0.00	0.00
<b>Calculated Juveniles</b>	87.21	17.04	65.70	42.85	0.00	52.83	0.00	35.87
<b>Calculated Larvae</b>	329.64	189.93	372.48	622.75	187.68	357.09	116.61	405.47
<b>Calculated Eggs</b>	3149.63	866.63	2484.36	1391.08	4985.88	1379.89	5698.08	2374.61
<b>Calculated Total</b>	3567.16	1073.60	2922.81	2056.68	5173.56	1789.81	5814.69	2815.95
<b>Difference</b>	-0.01	0.00	-0.01	-0.01	-0.01	0.01	-0.01	0.01
<b>NOTES:</b>								
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.								
* Table 5.2, Ecological Studies at Oyster Creek Nuclear Generating Station, progress report sept 1980 - Aug 1981								

Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month Time Location	August				
	night	day	night	day	24hr
	intake	intake	discharge	discharge	combined
Adult					
<i>Apeltes quadracus</i>					
<i>Gobiosoma boscii</i>					
Other Species					
Juveniles					
<i>Chasmodes bosquianus</i>					
<i>Anchoa mitchilli</i>	1.70	0.00	9.25	0.00	3.65
<i>Hippocampus erectus</i>	0.00	2.75	0.00	0.00	0.46
<i>Menidia menidia</i>					
<i>Syngnathus fuscus</i>	3.41	8.32	0.00	26.18	6.89
<i>Cynoscion regalis</i>					
Gobiidae					
<i>Gobiosoma boscii</i>					
unidentified frag					
Glass					
<i>Anguilla rostrata</i>					
Larvae					
<i>Tautoga onitis</i>					
<i>Paralichthys dentatus</i>					
<i>Brevoortia tyrannus</i>					
<i>Myoxocephalus aeneus</i>					
<i>Anchoa mitchilli</i>	184.40	158.58	136.40	72.08	145.37
<i>Strongylura marina</i>					
Atherinidae	0.00	0.00	1.38	0.00	0.46
Blenniidae	1.31	0.00	0.00	0.00	0.44
Gobiidae	29.61	8.12	53.06	28.03	33.58
<i>Trinectes maculatus</i>					
<i>Sphoeroides maculatus</i>					
<i>Scophthalmus aquosus</i>					
<i>Ammodytes</i> sp.					
<i>Pseudopleuronectes americanus</i>					
Unidentified Fish					



Monthly Mean Sample Densities (n/100m3) and Percent Composition of Ichthyoplankton, Sept. 1980 - Aug. 1981\*

Month	August				
	night	day	night	day	24hr
	intake	intake	discharge	discharge	combined
Eggs					
<i>Menidia beryllina</i>					
Gobiidae					
Atherinidae					
<i>Paralichthys dentatus</i>					
Labridae egg					
<i>Scophthalmus aquosus</i>					
<i>Brevoortia tyrannus</i>					
<i>Anchoa mitchilli</i>	861.48	876.85	1055.96	873.42	930.86
<i>Merluccius bilinearis</i>					
<i>Tautoga onitis</i>					
<i>Trinectes maculatus</i>					
<i>Pseudopleuronectes americanus</i>					
Unidentified Fish	10.30	0.00	13.95	0.00	8.08
<b>Totals</b>					
<b>Given Total</b>	1092.21	1054.63	1270.00	999.70	1129.79
<b>Calculated Adults</b>	0.00	0.00	0.00	0.00	0.00
<b>Calculated Juveniles</b>	5.11	11.07	9.25	26.18	11.00
<b>Calculated Larvae</b>	215.32	166.70	190.84	100.11	179.85
<b>Calculated Eggs</b>	871.78	876.85	1069.91	873.42	938.94
<b>Calculated Total</b>	1092.21	1054.62	1270.00	999.71	1129.79
<b>Difference</b>	0.00	0.01	0.00	-0.01	0.00
<b>NOTES:</b>					
1. When summing totals, Glass-eel stage <i>Anguilla rostrata</i> were summed with larvae.					
* Table 5.2, Ecological Studies at Oyster Creek Nuclear Generating Station, progress report sept 1980 - Aug 1981					

Monthly Mean Sample Density (n/100m3) and Percent Composition of Macrozooplankton, Sept. 1980 - Aug. 1981\*

Month	September						October					
Location	Intake			Discharge			Intake			Discharge		
Time	Night	Day	Total	Night	Day	Total	Night	Day	Total	Night	Day	Total
Zoeae												
<i>Crangon septimspinosa</i>							11.92	22.23	14.49	26.67	4.53	21.13
<i>Palaemonetes</i> sp.	4.30	0.00	3.34	5.16	0.00	4.02						
<i>Callinectes sapidus</i>												
Megalopae												
<i>Callinectes sapidus</i>	28.33	5.70	23.30				27.08	11.55	23.19			
Juveniles												
<i>Callinectes sapidus</i>							1.43	0.00	1.07			
No. Determ.												
<i>Crangon septimspinosa</i>	4.71	0.00	3.66	9.81	0.00	7.63						
<i>Palaemonetes vulgaris</i>							2.59	0.00	1.94			
<i>Palaemonetes</i> sp.												
<b>Total</b>	<b>37.34</b>	<b>5.70</b>	<b>30.30</b>	<b>14.97</b>	<b>0.00</b>	<b>11.65</b>	<b>43.02</b>	<b>33.78</b>	<b>40.69</b>	<b>26.67</b>	<b>4.53</b>	<b>21.13</b>
<b>NOTES:</b>												
* Tables 6-3 (discharge) and 6-6 (intake) from Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report September 1980-August 1981												

Monthly Mean Sample Density (n/100m3) and Percent Composition of Macrozooplankton, Sept. 1980 - Aug. 1981\*

Month	November						December					
Location	Intake			Discharge			Intake			Discharge		
Time	Night	Day	Total	Night	Day	Total	Night	Day	Total	Night	Day	Total
Zoeae												
<i>Crangon septimspinosa</i>	85.67	11.10	60.82	51.35	10.10	37.60	23.46	9.95	19.60	12.51	6.03	10.66
<i>Palaemonetes</i> sp.												
<i>Callinectes sapidus</i>												
Megalopae												
<i>Callinectes sapidus</i>	13.09	0.00	8.72									
Juveniles												
<i>Callinectes sapidus</i>	5.51	0.00	3.67									
No. Determ.												
<i>Crangon septimspinosa</i>	12.14	0.00	8.09	4.97	0.00	3.32	94.06	0.00	67.19	66.11	0.00	47.22
<i>Palaemonetes vulgaris</i>	11.38	0.00	7.58				2.52	0.00	1.80			
<i>Palaemonetes</i> sp.												
<b>Total</b>	<b>127.79</b>	<b>11.10</b>	<b>88.88</b>	<b>56.32</b>	<b>10.10</b>	<b>40.92</b>	<b>120.04</b>	<b>9.95</b>	<b>88.59</b>	<b>78.62</b>	<b>6.03</b>	<b>57.88</b>
<b>NOTES:</b>												
* Tables 6-3 (discharge) and 6-6 (intake) from Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report September 1980-August 1981												

Monthly Mean Sample Density (n/100m3) and Percent Composition of Macrozooplankton, Sept. 1980 - Aug. 1981\*

Month	January						February					
Location	Intake			Discharge			Intake			Discharge		
Time	Night	Day	Total	Night	Day	Total	Night	Day	Total	Night	Day	Total
Zoeae												
<i>Crangon septimspinosa</i>	1.45	0.00	0.87				122.08	66.18	103.44	77.84	4.58	53.42
<i>Palaemonetes</i> sp.												
<i>Callinectes sapidus</i>												
Megalopae												
<i>Callinectes sapidus</i>												
Juveniles												
<i>Callinectes sapidus</i>												
No. Determ.												
<i>Crangon septimspinosa</i>	18.12	0.00	10.87	12.24	0.00	8.16	127.96	0.00	85.31	107.94	0.00	71.96
<i>Palaemonetes vulgaris</i>	1.22	0.00	0.73				2.25	0.00	1.50			
<i>Palaemonetes</i> sp.												
<b>Total</b>	<b>20.79</b>	<b>0.00</b>	<b>12.47</b>	<b>12.24</b>	<b>0.00</b>	<b>8.16</b>	<b>252.29</b>	<b>66.18</b>	<b>190.25</b>	<b>185.78</b>	<b>4.58</b>	<b>125.38</b>
<b>NOTES:</b>												
* Tables 6-3 (discharge) and 6-6 (intake) from Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report September 1980-August 1981												

Monthly Mean Sample Density (n/100m<sup>3</sup>) and Percent Composition of Macrozooplankton, Sept. 1980 - Aug. 1981\*

Month	March						April					
Location	Intake			Discharge			Intake			Discharge		
Time	Night	Day	Total	Night	Day	Total	Night	Day	Total	Night	Day	Total
Zoeae												
<i>Crangon septimspinosa</i>	449.05	338.45	424.47	875.74	377.80	765.09	4840.07	20932.45	8863.17	5730.52	20294.75	9371.58
<i>Palaemonetes</i> sp.												
<i>Callinectes sapidus</i>												
Megalopae												
<i>Callinectes sapidus</i>												
Juveniles												
<i>Callinectes sapidus</i>	0.63	0.00	0.49				3.78	0.00	2.84			
No. Determ.												
<i>Crangon septimspinosa</i>	79.53	0.00	61.86	52.55	0.00	40.87	321.78	0.00	241.33	285.88	0.00	214.41
<i>Palaemonetes vulgaris</i>	3.38	0.00	2.63				23.79	0.00	17.84			
<i>Palaemonetes</i> sp.												
<b>Total</b>	<b>532.59</b>	<b>338.45</b>	<b>489.45</b>	<b>928.29</b>	<b>377.80</b>	<b>805.96</b>	<b>5189.42</b>	<b>20932.45</b>	<b>9125.18</b>	<b>6016.40</b>	<b>20294.75</b>	<b>9585.99</b>
<b>NOTES:</b>												
* Tables 6-3 (discharge) and 6-6 (intake) from Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report September 1980-August 1981												

Monthly Mean Sample Density (n/100m<sup>3</sup>) and Percent Composition of Macrozooplankton, Sept. 1980 - Aug. 1981\*

Month	May						June					
Location	Intake			Discharge			Intake			Discharge		
Time	Night	Day	Total	Night	Day	Total	Night	Day	Total	Night	Day	Total
Zoeae												
<i>Crangon septimspinosa</i>	1861.38	522.63	1449.45	1113.50	364.00	899.36	574.49	18.68	450.97	570.96	25.75	449.80
<i>Palaemonetes</i> sp.	7.17	0.00	4.96	14.53	0.00	10.38	320.35	8.12	250.97	367.51	6.03	287.18
<i>Callinectes sapidus</i>												
Megalopae												
<i>Callinectes sapidus</i>												
Juveniles												
<i>Callinectes sapidus</i>												
No. Determ.												
<i>Crangon septimspinosa</i>	129.02	0.00	89.32	182.93	2.45	131.36	40.26	0.00	31.32	56.96	0.00	44.30
<i>Palaemonetes vulgaris</i>	3.46	0.00	2.39				0.66	0.00	0.52			
<i>Palaemonetes</i> sp.												
<b>Total</b>	<b>2001.03</b>	<b>522.63</b>	<b>1546.12</b>	<b>1310.96</b>	<b>366.45</b>	<b>1041.10</b>	<b>935.76</b>	<b>26.80</b>	<b>733.78</b>	<b>995.43</b>	<b>31.78</b>	<b>781.28</b>
<b>NOTES:</b>												
* Tables 6-3 (discharge) and 6-6 (intake) from Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report September 1980-August 1981												

Monthly Mean Sample Density (n/100m3) and Percent Composition of Macrozooplankton, Sept. 1980 - Aug. 1981\*

Month	July					
Location	Intake			Discharge		
Time	Night	Day	Total	Night	Day	Total
Zoeae						
<i>Crangon septimspinosa</i>	3.80	0.00	2.85			
<i>Palaemonetes</i> sp.	400.78	11.15	303.37	262.54	31.48	204.77
<i>Callinectes sapidus</i>						
Megalopae						
<i>Callinectes sapidus</i>	0.73	0.00	0.55			
Juveniles						
<i>Callinectes sapidus</i>						
No. Determ.						
<i>Crangon septimspinosa</i>	23.21	0.00	17.41	35.36	0.00	26.52
<i>Palaemonetes vulgaris</i>	11.46	0.00	8.59			
<i>Palaemonetes</i> sp.						
<b>Total</b>	<b>439.98</b>	<b>11.15</b>	<b>332.77</b>	<b>297.90</b>	<b>31.48</b>	<b>231.29</b>
<b>NOTES:</b>						
* Tables 6-3 (discharge) and 6-6 (intake) from Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report September 1980-August 1981						

Monthly Mean Sample Density (n/100m3) and Percent Composition of Macrozooplankton, Sept. 1980 - Aug. 1981\*

Month	August					
Location	Intake			Discharge		
Time	Night	Day	Total	Night	Day	Total
Zoeae						
<i>Crangon septimspinosa</i>	0.00	2.70	0.90			
<i>Palaemonetes</i> sp.	227.74	158.55	204.68	180.33	133.55	164.73
<i>Callinectes sapidus</i>						
Megalopae						
<i>Callinectes sapidus</i>	121.94	0.00	81.29			
Juveniles						
<i>Callinectes sapidus</i>						
No. Determ.						
<i>Crangon septimspinosa</i>	1.31	0.00	0.87	7.56	0.00	5.04
<i>Palaemonetes vulgaris</i>						
<i>Palaemonetes</i> sp.						
<b>Total</b>	<b>350.99</b>	<b>161.25</b>	<b>287.74</b>	<b>187.89</b>	<b>133.55</b>	<b>169.77</b>
<b>NOTES:</b>						
* Tables 6-3 (discharge) and 6-6 (intake) from Ecological Studies at Oyster Creek Nuclear Generating Station: Progress Report September 1980-August 1981						



Weekly estimated number of selected species impinged on the Oyster Creek Generating Station traveling screens, September 1981 through August 1982  
(Table 3-4, Ecological Studies at Oyster Creek Generating Station, Progress Report, Sept 1981 - Aug 1982)

Month		September					October			
Week		1	2	3	4	5	1	2	3	4
Dates		1	8	14	22	29	6	14	20	27
Year		1981	1981	1981	1981	1981	1981	1981	1981	1981
<i>Alosa aestivalis</i>	Blueback herring	0	0	0	0	0	0	14	64	59
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0	0	7	259	4289	719	376
<i>Anchoa mitchilli</i>	Bay anchovy	141	28	21	42	555	5774	7804	10548	17703
<i>Menidia menidia</i>	Atlantic silverside	14	7	0	0	14	28	182	339	1196
<i>Syngnathus fuscus</i>	Northern pipefish	70	30	0	22	14	147	1498	2209	2170
<i>Pomatomus saltatrix</i>	Bluefish	84	0	0	21	0	319	442	177	21
<i>Cynoscion regalis</i>	Weakfish	70	84	35	86	175	6689	3540	3831	1012
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	21	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	92	28	251	42	117	53
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0	0	7	0	0	28	28
<i>Sphoeroides maculatus</i>	Northern puffer	0	14	7	301	35	39	0	0	0
<b>Total calculated</b>		<b>379</b>	<b>163</b>	<b>63</b>	<b>564</b>	<b>856</b>	<b>13506</b>	<b>17811</b>	<b>18032</b>	<b>22618</b>
<i>Palaemonetes vulgaris</i>	grass shrimp	112	7	21	43	126	1254	1090	4806	5335
<i>Crangon septemspinosa</i>	Sand shrimp	0	0	0	0	28	56	42	903	583
<i>Callinectes sapidus</i>	Blue crab	12469	6634	8409	4702	2165	2336	920	907	1498
<b>Total calculated</b>		<b>12581</b>	<b>6641</b>	<b>8430</b>	<b>4745</b>	<b>2319</b>	<b>3646</b>	<b>2052</b>	<b>6616</b>	<b>7416</b>
<b>Total given</b>		<b>15978</b>	<b>7485</b>	<b>8858</b>	<b>6945</b>	<b>5672</b>	<b>32162</b>	<b>26765</b>	<b>34829</b>	<b>44681</b>
<b>Grand Total calculated</b>		<b>12960</b>	<b>6804</b>	<b>8493</b>	<b>5309</b>	<b>3175</b>	<b>17152</b>	<b>19863</b>	<b>24648</b>	<b>30034</b>
<b>% represented by Given Species</b>		<b>81.11</b>	<b>90.90</b>	<b>95.88</b>	<b>76.44</b>	<b>55.98</b>	<b>53.33</b>	<b>74.21</b>	<b>70.77</b>	<b>67.22</b>

Weekly estimated number of selected species impinged on the Oyster Creek Generating Station traveling screens, September 1981 through August 1982  
(Table 3-4, Ecological Studies at Oyster Creek Generating Station, Progress Report, Sept 1981 - Aug 1982)

Month		November				December				
Week		1	2	3	4	1	2	3	4	5
Dates		3	10	17	23	2	9	15	21	29
Year		1981	1981	1981	1981	1981	1981	1981	1981	1981
<i>Alosa aestivalis</i>	Blueback herring	119	138	63	680	11081	404	1083	1540	85
<i>Brevoortia tyrannus</i>	Atlantic menhaden	1015	375	458	363	83	512	42	294	14
<i>Anchoa mitchilli</i>	Bay anchovy	5154	3675	1553	1415	431	125	14	14	28
<i>Menidia menidia</i>	Atlantic silverside	424	2037	4556	6723	9184	4379	739	326	1709
<i>Syngnathus fuscus</i>	Northern pipefish	3701	2289	2513	4121	710	1087	694	140	170
<i>Pomatomus saltatrix</i>	Bluefish	28	55	16	14	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	961	720	443	210	85	0	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	28	0	0	0	0	0	0	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	32	166	361	936	1074	3172	1829	6901	1329
<i>Sphoeroides maculatus</i>	Northern puffer	0	14	62	0	0	0	0	0	0
Total calculated		11462	9469	10025	14462	22648	9679	4401	9215	3335
<i>Palaemonetes vulgaris</i>	grass shrimp	12466	21568	54264	55005	26221	37520	11169	6504	12308
<i>Crangon septemspinosa</i>	Sand shrimp	5756	27576	130876	167581	63012	120834	95284	128892	96355
<i>Callinectes sapidus</i>	Blue crab	906	338	887	21	196	0	0	0	0
Total calculated		19128	49482	186027	222607	89429	158354	106453	135396	108663
Total given		47112	72610	212640	252349	119478	173489	113416	145744	115400
Grand Total calculated		30590	58951	196052	237069	112077	168033	110854	144611	111998
% represented by Given Species		64.93	81.19	92.20	93.94	93.81	96.86	97.74	99.22	97.05

Weekly estimated number of selected species impinged on the Oyster Creek Generating Station traveling screens, September 1981 through August 1982  
(Table 3-4, Ecological Studies at Oyster Creek Generating Station, Progress Report, Sept 1981 - Aug 1982)

Month		January				February*	April		
Week		1	2	3	4	1	1	2	3
Dates		4	12	19	26	1	14	19	26
Year		1982	1982	1982	1982	1982	1982	1982	1982
<i>Alosa aestivalis</i>	Blueback herring	155	15	11	0	0	186	490	1040
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	14	0	0	0	0	7600	55125	8826
<i>Menidia menidia</i>	Atlantic silverside	1230	420	67	196	96	8015	1262	312
<i>Syngnathus fuscus</i>	Northern pipefish	171	7	7	14	42	8870	2733	2494
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	0	28	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	6963	262	447	161	152	0	0	56
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	0
Total calculated		8533	704	532	371	290	24699	59610	12728
<i>Palaemonetes vulgaris</i>	grass shrimp	17048	1207	8626	77251	5025	33987	13539	13785
<i>Crangon septemspinosa</i>	Sand shrimp	92138	30333	16621	110132	4293	19850	75508	63804
<i>Callinectes sapidus</i>	Blue crab	0	0	0	0	0	1778	1940	2896
Total calculated		109186	31540	25247	187383	9318	55615	90987	80485
Total given		121197	32385	26140	188391	10060	88288	159080	111369
Grand Total calculated		117719	32244	25779	187754	9608	80314	150597	93213
% represented by Given Species		97.13	99.56	98.62	99.66	95.51	90.97	94.67	83.70

\* OCGS did not operate from early February through early April, so no samples were taken during those weeks.

Weekly estimated number of selected species impinged on the Oyster Creek Generating Station traveling screens, September 1981 through August 1982  
(Table 3-4, Ecological Studies at Oyster Creek Generating Station, Progress Report, Sept 1981 - Aug 1982)

Month		May				June				
Week		1	2	3	4	1	2	3	4	5
Dates		3	10	17	24	1	7	14	21	28
Year		1982	1982	1982	1982	1982	1982	1982	1982	1982
<i>Alosa aestivalis</i>	Blueback herring	202	310	152	14	14	0	0	28	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	28	0	0	0	0	0	98	28
<i>Anchoa mitchilli</i>	Bay anchovy	723	5990	589	731	606	236	812	812	1514
<i>Menidia menidia</i>	Atlantic silverside	21	375	153	183	0	14	0	28	0
<i>Syngnathus fuscus</i>	Northern pipefish	254	821	317	1589	206	326	994	196	241
<i>Pomatomus saltatrix</i>	Bluefish	0	0	50	140	206	84	154	154	194
<i>Cynoscion regalis</i>	Weakfish	0	0	14	0	0	0	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	28	0	0	0	0	14	0	56
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	80	0	0	52	196	224	1003	74
<i>Sphoeroides maculatus</i>	Northern puffer	0	209	0	14	25	77	0	0	0
Total calculated		1200	7841	1275	2671	1109	933	2198	2319	2107
<i>Palaemonetes vulgaris</i>	grass shrimp	1016	7100	5729	15057	6781	2347	12376	8129	4349
<i>Crangon septemspinosa</i>	Sand shrimp	13312	48828	36400	196690	24464	931	23002	6706	217
<i>Callinectes sapidus</i>	Blue crab	1953	3613	2043	1541	3733	3518	15386	15549	11839
Total calculated		16281	59541	44172	213288	34978	6796	50764	30384	16405
Total given		22344	81018	52167	230532	51880	11145	83608	43577	22091
Grand Total calculated		17481	67382	45447	215959	36087	7729	52962	32703	18512
% represented by Given Species		78.24	83.17	87.12	93.68	69.56	69.35	63.35	75.05	83.80

Weekly estimated number of selected species impinged on the Oyster Creek Generating Station traveling screens, September 1981 through August 1982  
(Table 3-4, Ecological Studies at Oyster Creek Generating Station, Progress Report, Sept 1981 - Aug 1982)

Month		July				August				
Week		1	2	3	4	1	2	3	4	5
Dates		6	12	19	28	2	9	16	23	30
Year		1982	1982	1982	1982	1982	1982	1982	1982	1982
<i>Alosa aestivalis</i>	Blueback herring	0	112	0	14	57	42	0	0	9
<i>Brevoortia tyrannus</i>	Atlantic menhaden	90	0	28	14	18	28	0	0	19
<i>Anchoa mitchilli</i>	Bay anchovy	2646	3435	448	602	503	311	110	9	443
<i>Menidia menidia</i>	Atlantic silverside	76	864	168	224	32	29	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	224	743	616	153	69	14	71	0	51
<i>Pomatomus saltatrix</i>	Bluefish	574	112	56	28	56	41	42	0	210
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	14	210	544	18	195
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	70	0	0	0	28	42	14	0	121
<i>Pseudopleuronectes americanus</i>	Winter flounder	210	24	0	0	0	0	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	56	84	224	98	56	28	18	14	61
<b>Total calculated</b>		<b>3946</b>	<b>5374</b>	<b>1540</b>	<b>1133</b>	<b>833</b>	<b>745</b>	<b>799</b>	<b>41</b>	<b>1109</b>
<i>Palaemonetes vulgaris</i>	grass shrimp	9327	14308	1400	671	113	129	0	9	79
<i>Crangon septemspinosa</i>	Sand shrimp	532	896	448	14	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	18127	22830	29904	11688	12391	12167	19005	3682	10502
<b>Total calculated</b>		<b>27986</b>	<b>38034</b>	<b>31752</b>	<b>12373</b>	<b>12504</b>	<b>12296</b>	<b>19005</b>	<b>3691</b>	<b>10581</b>
<b>Total given</b>		<b>34252</b>	<b>47673</b>	<b>35868</b>	<b>14967</b>	<b>13979</b>	<b>14235</b>	<b>20519</b>	<b>4154</b>	<b>13893</b>
<b>Grand Total calculated</b>		<b>31932</b>	<b>43408</b>	<b>33292</b>	<b>13506</b>	<b>13337</b>	<b>13041</b>	<b>19804</b>	<b>3732</b>	<b>11690</b>
<b>% represented by Given Species</b>		<b>93.23</b>	<b>91.05</b>	<b>92.82</b>	<b>90.24</b>	<b>95.41</b>	<b>91.61</b>	<b>96.52</b>	<b>89.84</b>	<b>84.14</b>

Weekly estimated weight (kg) of selected species impinged on the OCGS traveling screens, September 1981 through August 1982  
(Table 3-5, Ecological Studies at Oyster Creek Generating Station, Progress Report, Sept. 1981 - Aug. 1982)

Month		September					October			
Week		1	2	3	4	5	1	2	3	4
Dates		1	8	14	22	29	6	14	20	27
Year		1981	1981	1981	1981	1981	1981	1981	1981	1981
<i>Alosa aestivalis</i>	Blueback herring	0.00	0.00	0.00	0.00	0.00	0.00	0.46	1.50	1.04
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.00	0.00	0.00	0.00	0.15	5.40	91.03	22.70	9.21
<i>Anchoa mitchilli</i>	Bay anchovy	0.39	0.08	0.04	0.08	1.68	16.00	24.40	36.34	56.64
<i>Menidia menidia</i>	Atlantic silverside	0.04	0.01	0.00	0.00	0.03	0.03	0.45	0.73	3.21
<i>Syngnathus fuscus</i>	Northern pipefish	0.11	0.05	0.00	0.03	0.05	0.38	3.44	4.89	4.30
<i>Pomatomus saltatrix</i>	Bluefish	0.59	0.00	0.00	0.05	0.00	9.76	10.04	3.55	0.23
<i>Cynoscion regalis</i>	Weakfish	0.31	0.97	0.51	1.91	3.43	159.71	70.29	71.95	12.39
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.76	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	0.00	0.00	0.00	31.95	8.47	83.47	11.59	21.17	14.05
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.00	0.00	0.00	0.00	0.60	0.00	0.00	9.27	8.54
<i>Sphoeroides maculatus</i>	Northern puffer	0.00	0.60	0.31	26.76	4.53	3.32	0.00	0.00	0.00
Total calculated		1.44	1.71	0.86	60.78	19.70	278.07	211.70	172.10	109.61
<i>Palaemonetes vulgaris</i>	grass shrimp	0.06	0.01	0.01	0.04	0.04	0.37	0.46	1.78	2.01
<i>Crangon septemspinosa</i>	Sand shrimp	0.00	0.00	0.00	0.00	0.01	0.06	0.03	0.61	0.42
<i>Callinectes sapidus</i>	Blue crab	675.59	401.43	504.62	369.25	167.28	189.91	76.99	64.03	135.10
Total calculated		675.65	401.44	504.63	369.29	167.33	190.34	77.48	66.42	137.53
Total given		706.25	421.67	520.87	499.45	269.43	822.79	493.28	467.49	511.27
Grand Total calculated		677.09	403.15	505.49	430.07	187.03	468.41	289.18	238.52	247.14
% represented by Given Species		95.87	95.61	97.05	86.11	69.42	56.93	58.62	51.02	48.34

Weekly estimated weight (kg) of selected species impinged on the OCGS traveling screens, September 1981 through August 1982  
(Table 3-5, Ecological Studies at Oyster Creek Generating Station, Progress Report, Sept. 1981 - Aug. 1982)

Month		November				December				
Week		1	2	3	4	1	2	3	4	5
Dates		3	10	17	23	2	9	15	21	29
Year		1981	1981	1981	1981	1981	1981	1981	1981	1981
<i>Alosa aestivalis</i>	Blueback herring	0.33	0.87	0.60	5.47	62.90	2.54	4.25	4.86	0.71
<i>Brevoortia tyrannus</i>	Atlantic menhaden	26.61	10.16	11.13	13.35	3.65	14.43	0.04	0.21	0.39
<i>Anchoa mitchilli</i>	Bay anchovy	15.34	11.57	4.66	4.81	1.36	0.26	0.04	0.01	0.08
<i>Menidia menidia</i>	Atlantic silverside	1.21	7.33	13.11	25.63	41.48	12.36	3.48	1.16	6.76
<i>Syngnathus fuscus</i>	Northern pipefish	6.87	4.59	5.14	7.37	1.22	1.87	0.92	0.27	0.27
<i>Pomatomus saltatrix</i>	Bluefish	0.50	2.10	0.49	0.43	0.00	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish	11.22	10.42	4.22	1.96	1.56	0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	4.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Pseudopleuronectes americanus</i>	Winter flounder	12.47	67.65	175.20	262.63	306.36	476.00	277.73	177.64	139.14
<i>Sphoeroides maculatus</i>	Northern puffer	0.00	0.11	0.12	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total calculated</b>		<b>79.09</b>	<b>114.80</b>	<b>214.67</b>	<b>321.65</b>	<b>418.53</b>	<b>507.46</b>	<b>286.46</b>	<b>184.15</b>	<b>147.35</b>
<i>Palaemonetes vulgaris</i>	grass shrimp	5.06	11.13	22.12	26.24	12.58	15.44	5.24	2.57	4.76
<i>Crangon septemspinosa</i>	Sand shrimp	4.09	22.40	103.90	133.25	53.53	101.89	81.67	101.60	80.52
<i>Callinectes sapidus</i>	Blue crab	35.57	10.24	8.70	0.02	1.05	0.00	0.00	0.00	0.00
<b>Total calculated</b>		<b>44.72</b>	<b>43.77</b>	<b>134.72</b>	<b>159.51</b>	<b>67.16</b>	<b>117.33</b>	<b>86.91</b>	<b>104.17</b>	<b>85.28</b>
<b>Total given</b>		<b>260.47</b>	<b>284.12</b>	<b>493.82</b>	<b>701.01</b>	<b>655.35</b>	<b>711.16</b>	<b>461.13</b>	<b>321.42</b>	<b>344.16</b>
<b>Grand Total calculated</b>		<b>123.81</b>	<b>158.57</b>	<b>349.39</b>	<b>481.16</b>	<b>485.69</b>	<b>624.79</b>	<b>373.37</b>	<b>288.32</b>	<b>232.63</b>
<b>% represented by Given Species</b>		<b>47.53</b>	<b>55.81</b>	<b>70.75</b>	<b>68.64</b>	<b>74.11</b>	<b>87.86</b>	<b>80.97</b>	<b>89.70</b>	<b>67.59</b>

Weekly estimated weight (kg) of selected species impinged on the OCGS traveling screens, September 1981 through August 1982  
(Table 3-5, Ecological Studies at Oyster Creek Generating Station, Progress Report, Sept. 1981 - Aug. 1982)

Month		January				February*	April		
Week		1	2	3	4	1	1	2	3
Dates		4	12	19	26	1	14	19	26
Year		1982	1982	1982	1982	1982	1982	1982	1982
<i>Alosa aestivalis</i>	Blueback herring	0.73	0.03	0.02	0.00	0.00	2.79	15.64	52.65
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Anchoa mitchilli</i>	Bay anchovy	0.04	0.00	0.00	0.00	0.00	24.34	168.77	26.56
<i>Menidia menidia</i>	Atlantic silverside	5.15	1.73	0.26	0.81	0.29	36.24	6.74	1.78
<i>Syngnathus fuscus</i>	Northern pipefish	0.27	0.01	0.01	0.04	0.06	15.96	5.06	4.84
<i>Pomatomus saltatrix</i>	Bluefish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	0.00	0.00	0.00	0.00	0.00	5.80	0.00	0.00
<i>Pseudopleuronectes americanus</i>	Winter flounder	1169.61	35.84	53.57	53.15	34.73	0.00	0.00	8.85
<i>Sphoeroides maculatus</i>	Northern puffer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total calculated</b>		<b>1175.80</b>	<b>37.61</b>	<b>53.86</b>	<b>54.00</b>	<b>35.08</b>	<b>85.13</b>	<b>196.21</b>	<b>94.68</b>
<i>Palaemonetes vulgaris</i>	grass shrimp	6.42	0.47	3.72	28.60	1.88	18.18	6.65	6.95
<i>Crangon septemspinosa</i>	Sand shrimp	74.96	24.25	13.60	85.49	3.64	18.34	82.78	69.05
<i>Callinectes sapidus</i>	Blue crab	0.00	0.00	0.00	0.00	0.00	4.12	86.37	238.80
<b>Total calculated</b>		<b>81.38</b>	<b>24.72</b>	<b>17.32</b>	<b>114.09</b>	<b>5.52</b>	<b>40.64</b>	<b>175.80</b>	<b>314.80</b>
<b>Total given</b>		<b>1351.44</b>	<b>63.65</b>	<b>73.96</b>	<b>173.68</b>	<b>60.69</b>	<b>274.35</b>	<b>636.03</b>	<b>830.18</b>
<b>Grand Total calculated</b>		<b>1257.18</b>	<b>62.33</b>	<b>71.18</b>	<b>168.09</b>	<b>40.60</b>	<b>125.77</b>	<b>372.01</b>	<b>409.48</b>
<b>% represented by Given Species</b>		<b>93.03</b>	<b>97.93</b>	<b>96.24</b>	<b>96.78</b>	<b>66.90</b>	<b>45.84</b>	<b>58.49</b>	<b>49.32</b>

\* OCGS did not operate from early February through early April, so no samples were taken during those weeks.



Weekly estimated weight (kg) of selected species impinged on the OCGS traveling screens, September 1981 through August 1982  
(Table 3-5, Ecological Studies at Oyster Creek Generating Station, Progress Report, Sept. 1981 - Aug. 1982)

Month		May				June				
Week		1	2	3	4	1	2	3	4	5
Dates		3	10	17	24	1	7	14	21	28
Year		1982	1982	1982	1982	1982	1982	1982	1982	1982
<i>Alosa aestivalis</i>	Blueback herring	9.53	9.70	3.75	0.51	0.15	0.00	0.00	0.31	0.00
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.00	8.29	0.00	0.00	0.00	0.00	0.00	0.13	0.06
<i>Anchoa mitchilli</i>	Bay anchovy	2.07	16.11	1.62	2.24	1.76	0.64	2.10	1.96	3.32
<i>Menidia menidia</i>	Atlantic silverside	0.09	2.47	0.99	1.26	0.00	0.06	0.00	0.03	0.00
<i>Syngnathus fuscus</i>	Northern pipefish	0.60	2.51	0.98	5.24	0.93	1.00	4.75	0.84	0.76
<i>Pomatomus saltatrix</i>	Bluefish	0.00	0.00	0.05	0.14	0.32	0.14	0.34	0.41	0.83
<i>Cynoscion regalis</i>	Weakfish	0.00	0.00	2.16	0.00	0.00	0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	0.00	5.54	0.00	0.00	0.00	0.00	0.14	0.00	16.88
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.00	7.01	0.00	0.00	0.05	0.32	0.66	3.03	0.30
<i>Sphoeroides maculatus</i>	Northern puffer	0.00	37.02	0.00	1.03	7.08	9.93	9.93	0.00	0.00
Total calculated		12.29	88.65	9.55	10.42	10.29	12.09	17.92	6.71	22.15
<i>Palaemonetes vulgaris</i>	grass shrimp	0.79	3.54	3.49	10.95	4.69	1.56	7.95	5.15	2.67
<i>Crangon septemspinosa</i>	Sand shrimp	15.12	42.71	25.28	151.81	19.34	0.75	18.23	5.35	0.19
<i>Callinectes sapidus</i>	Blue crab	131.23	218.22	147.12	74.80	284.40	205.11	735.10	787.40	739.28
Total calculated		147.14	264.47	175.89	237.56	308.43	207.42	761.28	797.90	742.14
Total given		485.03	1807.78	1223.66	1044.84	947.51	383.45	1412.31	2020.38	931.97
Grand Total calculated		159.43	353.12	185.44	247.98	318.72	219.51	779.20	804.61	764.29
% represented by Given Species		32.87	19.53	15.15	23.73	33.64	57.25	55.17	39.82	82.01

Weekly estimated weight (kg) of selected species impinged on the OCGS traveling screens, September 1981 through August 1982  
(Table 3-5, Ecological Studies at Oyster Creek Generating Station, Progress Report, Sept. 1981 - Aug. 1982)

Month		July				August				
Week		1	2	3	4	1	2	3	4	5
Dates		6	12	19	28	2	9	16	23	30
Year		1982	1982	1982	1982	1982	1982	1982	1982	1982
<i>Alosa aestivalis</i>	Blueback herring	0.00	8.57	0.00	0.28	0.96	0.79	0.00	0.00	1.47
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.16	0.00	0.08	0.04	2.19	2.16	0.00	0.00	0.21
<i>Anchoa mitchilli</i>	Bay anchovy	8.02	9.24	1.37	1.33	1.48	0.83	0.32	0.03	1.48
<i>Menidia menidia</i>	Atlantic silverside	0.08	0.58	0.17	0.27	0.05	0.06	0.00	0.00	0.00
<i>Syngnathus fuscus</i>	Northern pipefish	0.80	3.07	2.38	0.57	0.07	0.03	0.22	0.00	0.12
<i>Pomatomus saltatrix</i>	Bluefish	3.30	2.02	0.42	0.74	0.20	0.07	0.11	0.07	0.69
<i>Cynoscion regalis</i>	Weakfish	0.00	0.00	0.00	0.00	0.05	0.24	0.94	0.03	1.13
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	9.24	0.00	0.00	0.00	1.39	7.52	0.85	0.00	21.09
<i>Pseudopleuronectes americanus</i>	Winter flounder	28.88	2.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sphoeroides maculatus</i>	Northern puffer	5.31	11.17	4.93	0.78	0.57	2.83	4.27	0.31	2.65
<b>Total calculated</b>		<b>55.79</b>	<b>37.51</b>	<b>9.35</b>	<b>4.01</b>	<b>6.96</b>	<b>14.53</b>	<b>6.71</b>	<b>0.44</b>	<b>28.84</b>
<i>Palaemonetes vulgaris</i>	grass shrimp	6.50	9.94	0.95	0.49	0.10	0.10	1.78	0.01	0.06
<i>Crangon septemspinosa</i>	Sand shrimp	0.43	0.90	0.36	0.01	0.00	0.00	0.00	0.00	0.00
<i>Callinectes sapidus</i>	Blue crab	979.65	993.86	1641.36	749.62	793.74	776.74	1333.51	292.71	758.40
<b>Total calculated</b>		<b>986.58</b>	<b>1004.70</b>	<b>1642.67</b>	<b>750.12</b>	<b>793.84</b>	<b>776.84</b>	<b>1335.29</b>	<b>292.72</b>	<b>758.46</b>
<b>Total given</b>		<b>1265.23</b>	<b>1271.91</b>	<b>1745.88</b>	<b>814.16</b>	<b>823.32</b>	<b>844.64</b>	<b>1382.16</b>	<b>315.92</b>	<b>883.89</b>
<b>Grand Total calculated</b>		<b>1042.37</b>	<b>1042.21</b>	<b>1652.02</b>	<b>754.13</b>	<b>800.80</b>	<b>791.37</b>	<b>1342.00</b>	<b>293.16</b>	<b>787.30</b>
<b>% represented by Given Species</b>		<b>82.39</b>	<b>81.94</b>	<b>94.62</b>	<b>92.63</b>	<b>97.26</b>	<b>93.69</b>	<b>97.09</b>	<b>92.80</b>	<b>89.07</b>

Weekly estimated number of selected species impinged on the OCGS traveling screens, September 1982 - March 1983\*  
(Table 3-3, Ecological studies at the Oyster Creek Generating Station)

Month		September				October			
Week		1	2	3	4	1	2	3	4
dates		7	13	19	27	4	11	19	26
Year		1982	1982	1982	1982	1982	1982	1982	1982
<i>Alosa aestivalis</i>	Blueback herring	70	20	14	14	14	28	41	369
<i>Brevoortia tyrannus</i>	Atlantic menhaden	40	17	14	31	0	28	15	407
<i>Anchoa mitchilli</i>	Bay anchovy	3671	2145	2145	1846	1015	3921	2578	1869
<i>Menidia menidia</i>	Atlantic silverside	0	0	0	0	14	0	1596	1757
<i>Syngnathus fuscus</i>	Northern pipefish	315	134	28	915	14	324	490	3846
<i>Pomatomus saltatrix</i>	Bluefish	1108	923	437	188	198	141	427	92
<i>Cynoscion regalis</i>	Weakfish	371	354	227	925	182	1823	619	656
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	14	0	14
<i>Paralichthys dentatus</i>	Summer flounder	59	26	98	161	42	168	1145	471
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0	0	0	14	14	192
<i>Sphaeroides maculatus</i>	Northern puffer	95	0	79	45	14	182	28	86
<b>Total calculated</b>		<b>5729</b>	<b>3619</b>	<b>3042</b>	<b>4125</b>	<b>1493</b>	<b>6643</b>	<b>6953</b>	<b>9759</b>
<i>Palaemonetes vulgaris</i>	grass shrimp	12	56	0	0	0	42	238	18426
<i>Crangon septemspinosa</i>	Sand shrimp	0	82	0	95	0	254	323	5576
<i>Callinectes sapidus</i>	Blue crab	9246	6937	5120	4718	2954	8024	1577	1993
<b>Total calculated</b>		<b>9258</b>	<b>7075</b>	<b>5120</b>	<b>4813</b>	<b>2954</b>	<b>8320</b>	<b>2138</b>	<b>25995</b>
<b>Total given</b>		<b>16433</b>	<b>11934</b>	<b>8931</b>	<b>10237</b>	<b>4966</b>	<b>17379</b>	<b>12539</b>	<b>48121</b>
<b>Grand Total calculated</b>		<b>14987</b>	<b>10694</b>	<b>8162</b>	<b>8938</b>	<b>4447</b>	<b>14963</b>	<b>9091</b>	<b>35754</b>
<b>% represented by Given Species</b>		<b>91.20</b>	<b>89.61</b>	<b>91.39</b>	<b>87.31</b>	<b>89.55</b>	<b>86.10</b>	<b>72.50</b>	<b>74.30</b>

\* OCGS did not operate from April through August, 1983.

Weekly estimated number of selected species impinged on the OCGS traveling screens, September 1982 - March 1983\*  
(Table 3-3, Ecological studies at the Oyster Creek Generating Station)

Month		November					December	
Week		1	2	3	4	5	1	2
dates		1	8	15	22	29	6	13
Year		1982	1982	1982	1982	1982	1982	1982
<i>Alosa aestivalis</i>	Blueback herring	0	14	69	0	55	85	1409
<i>Brevoortia tyrannus</i>	Atlantic menhaden	42	127	459	225	266	28	239
<i>Anchoa mitchilli</i>	Bay anchovy	266	402	1298	493	914	876	877
<i>Menidia menidia</i>	Atlantic silverside	315	350	29064	673	7783	495	15558
<i>Syngnathus fuscus</i>	Northern pipefish	504	1234	3360	1892	1459	70	3901
<i>Pomatomus saltatrix</i>	Bluefish	14	41	70	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	698	269	181	71	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	119	92	68	14	0	0	84
<i>Pseudopleuronectes americanus</i>	Winter flounder	56	90	579	42	280	267	6330
<i>Sphoeroides maculatus</i>	Northern puffer	42	28	28	0	28	0	0
Total calculated		2056	2647	35176	3410	10785	1821	28398
<i>Palaemonetes vulgaris</i>	grass shrimp	1202	4827	19181	15620	12592	7669	5574
<i>Crangon septemspinosa</i>	Sand shrimp	1836	4713	34860	132380	254616	154436	570641
<i>Callinectes sapidus</i>	Blue crab	1545	300	42	463	84	797	0
Total calculated		4583	9840	54083	148463	267292	162902	576215
Total given		10296	15502	100345	155185	281513	165918	616029
Grand Total calculated		6639	12487	89259	151873	278077	164723	604613
% represented by Given Species		64.48	80.55	88.95	97.87	98.78	99.28	98.15

\* OCGS did not operate from April through August, 1983.

Weekly estimated number of selected species impinged on the OCGS traveling screens, September 1982 - March 1983\*  
(Table 3-3, Ecological studies at the Oyster Creek Generating Station)

Month		December (cont'd)		January			
Week		3	4	1	2	3	4
dates		20	27	3	10	17	24
Year		1982	1982	1983	1983	1983	1983
<i>Alosa aestivalis</i>	Blueback herring	188	464	8931	6861	6119	28
<i>Brevoortia tyrannus</i>	Atlantic menhaden	126	99	195	126	3738	28
<i>Anchoa mitchilli</i>	Bay anchovy	174	70	84	549	0	0
<i>Menidia menidia</i>	Atlantic silverside	12560	1394	2877	3051	5559	14468
<i>Syngnathus fuscus</i>	Northern pipefish	2374	127	152	255	1747	258
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	14	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	14	14	0	14	13	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	1538	1061	2592	7540	8111	218
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0
Total calculated		16974	3229	14845	18396	25287	15000
<i>Palaemonetes vulgaris</i>	grass shrimp	9991	10033	3343	10149	5120	9884
<i>Crangon septemspinosa</i>	Sand shrimp	332585	163584	133524	441452	339618	860944
<i>Callinectes sapidus</i>	Blue crab	0	42	0	350	0	0
Total calculated		342576	173659	136867	451951	344738	870828
Total given		368811	179905	153794	483902	373532	886061
Grand Total calculated		359550	176888	151712	470347	370025	885828
% represented by Given Species		97.49	98.32	98.65	97.20	99.06	99.97

\* OCGS did not operate from April through August, 1983.

Weekly estimated number of selected species impinged on the OCGS traveling screens, September 1982 - March 1983\*  
(Table 3-3, Ecological studies at the Oyster Creek Generating Station)

Month		February				March			
Week		1	2	3	4	1	2	3	4
dates		31	7	14	21	1	7	14	22
Year		1983	1983	1983	1983	1983	1983	1983	1983
<i>Alosa aestivalis</i>	Blueback herring	580	541	0	19	14	0	57	118
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0	28	0	0	0	56
<i>Anchoa mitchilli</i>	Bay anchovy	14	0	0	0	59	176	7	48
<i>Menidia menidia</i>	Atlantic silverside	5097	2599	265	4001	1764	2666	859	3124
<i>Syngnathus fuscus</i>	Northern pipefish	213	504	256	14	157	1095	548	2293
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	0	0	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	1462	2464	673	241	441	1195	141	2078
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	0
<b>Total calculated</b>		<b>7366</b>	<b>6108</b>	<b>1194</b>	<b>4303</b>	<b>2435</b>	<b>5132</b>	<b>1612</b>	<b>7717</b>
<i>Palaemonetes vulgaris</i>	grass shrimp	25042	8120	2459	43166	15193	21489	12389	40067
<i>Crangon septemspinosa</i>	Sand shrimp	65541	118071	394569	54617	184457	292805	158933	255259
<i>Callinectes sapidus</i>	Blue crab	14	0	0	0	28	0	0	14
<b>Total calculated</b>		<b>90597</b>	<b>126191</b>	<b>397028</b>	<b>97783</b>	<b>199678</b>	<b>314294</b>	<b>171322</b>	<b>295340</b>
<b>Total given</b>		<b>99355</b>	<b>134082</b>	<b>398684</b>	<b>105570</b>	<b>214471</b>	<b>322332</b>	<b>174073</b>	<b>309914</b>
<b>Grand Total calculated</b>		<b>97963</b>	<b>132299</b>	<b>398222</b>	<b>102086</b>	<b>202113</b>	<b>319426</b>	<b>172934</b>	<b>303057</b>
<b>% represented by Given Species</b>		<b>98.60</b>	<b>98.67</b>	<b>99.88</b>	<b>96.70</b>	<b>94.24</b>	<b>99.10</b>	<b>99.35</b>	<b>97.79</b>

\* OCGS did not operate from April through August, 1983.

Weekly estimated weight (kg) of selected species impinged on the OCGS traveling screens, September 1982 through March 1983\*  
(Table 3-4, Ecological Studies at the Oyster Creek Generating Station)

		September				October			
Month		1	2	3	4	1	2	3	4
Week		7	13	19	27	4	11	19	26
Dates		7	13	19	27	4	11	19	26
Year		1982	1982	1982	1982	1982	1982	1982	1982
<i>Alosa aestivalis</i>	Blueback herring	1.16	0.08	0.22	0.41	0.27	0.61	0.68	14.21
<i>Brevoortia tyrannus</i>	Atlantic menhaden	1.25	2.81	2.69	0.38	0.00	0.95	0.31	12.72
<i>Anchoa mitchilli</i>	Bay anchovy	11.80	6.15	6.95	4.88	3.52	13.08	8.33	5.66
<i>Menidia menidia</i>	Atlantic silverside	0.00	0.00	0.00	0.00	0.08	0.00	3.91	6.64
<i>Syngnathus fuscus</i>	Northern pipefish	0.68	0.40	0.06	2.37	0.07	0.87	1.37	8.10
<i>Pomatomus saltatrix</i>	Bluefish	0.97	8.19	11.75	0.88	1.14	0.90	4.98	2.33
<i>Cynoscion regalis</i>	Weakfish	3.69	3.05	2.67	16.01	3.69	35.98	9.64	12.04
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.94
<i>Paralichthys dentatus</i>	Summer flounder	10.15	3.26	13.93	22.10	15.20	28.62	209.87	82.87
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.00	0.00	0.00	0.00	0.00	4.17	3.12	31.79
<i>Sphoeroides maculatus</i>	Northern puffer	11.16	0.00	20.95	13.10	0.64	23.45	0.46	2.03
<b>Total calculated</b>		<b>40.86</b>	<b>23.94</b>	<b>59.22</b>	<b>60.13</b>	<b>24.61</b>	<b>109.15</b>	<b>242.67</b>	<b>179.33</b>
<i>Palaemonetes vulgaris</i>	grass shrimp	0.01	0.06	0.00	0.00	0.00	0.04	0.17	13.20
<i>Crangon septemspinosa</i>	Sand shrimp	0.00	0.07	0.00	0.10	0.00	0.21	0.28	4.76
<i>Callinectes sapidus</i>	Blue crab	792.04	590.10	506.28	510.51	417.23	988.32	203.38	239.17
<b>Total calculated</b>		<b>792.05</b>	<b>590.23</b>	<b>506.28</b>	<b>510.61</b>	<b>417.23</b>	<b>988.57</b>	<b>203.83</b>	<b>257.13</b>
<b>Total given</b>		<b>889.57</b>	<b>662.75</b>	<b>621.23</b>	<b>616.25</b>	<b>464.69</b>	<b>1179.54</b>	<b>716.49</b>	<b>1082.97</b>
<b>Grand Total calculated</b>		<b>832.91</b>	<b>614.17</b>	<b>565.50</b>	<b>570.74</b>	<b>441.84</b>	<b>1097.72</b>	<b>446.50</b>	<b>436.46</b>
<b>% represented by given organisms</b>		<b>93.63</b>	<b>92.67</b>	<b>91.03</b>	<b>92.62</b>	<b>95.08</b>	<b>93.06</b>	<b>62.32</b>	<b>40.30</b>

\*OCGS did not operate from April through August, 1983.

Weekly estimated weight (kg) of selected species impinged on the OCGS traveling screens, September 1982 through March 1983\*  
(Table 3-4, Ecological Studies at the Oyster Creek Generating Station)

		November					December			
Month		1	2	3	4	5	1	2	3	4
Week		1	2	3	4	5	1	2	3	4
Dates		1	8	15	22	29	6	13	20	27
Year		1982	1982	1982	1982	1982	1982	1982	1982	1982
<i>Alosa aestivalis</i>	Blueback herring	0.00	1.82	0.62	0.00	0.39	0.50	7.85	0.72	1.74
<i>Brevoortia tyrannus</i>	Atlantic menhaden	4.16	6.63	8.84	5.40	29.81	3.43	27.42	3.54	3.46
<i>Anchoa mitchilli</i>	Bay anchovy	0.74	1.28	3.55	1.41	3.92	3.69	4.13	0.65	0.29
<i>Menidia menidia</i>	Atlantic silverside	1.13	1.38	132.81	3.03	36.82	1.92	77.11	57.37	8.00
<i>Syngnathus fuscus</i>	Northern pipefish	1.24	2.99	7.07	3.94	3.40	0.15	6.67	3.71	0.30
<i>Pomatomus saltatrix</i>	Bluefish	0.18	0.49	2.01	0.00	0.00	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish	8.26	4.52	2.42	0.45	0.00	0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	23.47	17.21	12.25	2.32	0.00	0.00	3.11	0.01	0.01
<i>Pseudopleuronectes americanus</i>	Winter flounder	8.46	30.32	148.36	6.78	44.29	60.33	169.49	125.60	103.32
<i>Sphoeroides maculatus</i>	Northern puffer	3.89	0.11	0.18	0.00	0.03	0.00	0.00	0.00	0.00
<b>Total calculated</b>		<b>51.53</b>	<b>66.75</b>	<b>318.11</b>	<b>23.33</b>	<b>118.66</b>	<b>70.02</b>	<b>295.78</b>	<b>191.60</b>	<b>117.12</b>
<i>Palaemonetes vulgaris</i>	grass shrimp	0.90	3.89	14.61	11.68	9.75	5.09	4.47	6.02	6.70
<i>Crangon septemspinosa</i>	Sand shrimp	1.71	4.27	32.67	121.41	267.80	133.10	683.29	336.51	152.27
<i>Callinectes sapidus</i>	Blue crab	182.10	33.09	6.58	34.44	1.96	71.12	0.00	0.00	2.38
<b>Total calculated</b>		<b>184.71</b>	<b>41.25</b>	<b>53.86</b>	<b>167.53</b>	<b>279.51</b>	<b>209.31</b>	<b>687.76</b>	<b>342.53</b>	<b>161.35</b>
<b>Total given</b>		<b>379.58</b>	<b>210.52</b>	<b>645.30</b>	<b>305.47</b>	<b>481.92</b>	<b>316.21</b>	<b>1392.35</b>	<b>648.29</b>	<b>343.64</b>
<b>Grand Total calculated</b>		<b>236.24</b>	<b>108.00</b>	<b>371.97</b>	<b>190.86</b>	<b>398.17</b>	<b>279.33</b>	<b>983.54</b>	<b>534.13</b>	<b>278.47</b>
<b>% represented by given organisms</b>		<b>62.24</b>	<b>51.30</b>	<b>57.64</b>	<b>62.48</b>	<b>82.62</b>	<b>88.34</b>	<b>70.64</b>	<b>82.39</b>	<b>81.04</b>

\*OCGS did not operate from April through August, 1983.



Weekly estimated weight (kg) of selected species impinged on the OCGS traveling screens, September 1982 through March 1983\*  
(Table 3-4, Ecological Studies at the Oyster Creek Generating Station)

Month		January				February			
Week		1	2	3	4	1	2	3	4
Dates		3	10	17	24	31	7	14	21
Year		1983	1983	1983	1983	1983	1983	1983	1983
<i>Alosa aestivalis</i>	Blueback herring	28.64	32.64	43.45	0.10	4.10	1.77	0.00	0.09
<i>Brevoortia tyrannus</i>	Atlantic menhaden	11.78	5.16	0.93	0.27	0.00	0.00	0.00	0.36
<i>Anchoa mitchilli</i>	Bay anchovy	0.28	2.06	0.00	0.00	0.06	0.00	0.00	0.00
<i>Menidia menidia</i>	Atlantic silverside	12.72	15.53	22.04	56.31	23.23	11.63	0.95	17.94
<i>Syngnathus fuscus</i>	Northern pipefish	0.37	0.35	2.35	0.34	0.34	0.53	0.30	0.01
<i>Pomatomus saltatrix</i>	Bluefish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
<i>Pseudopleuronectes americanus</i>	Winter flounder	119.71	577.59	242.25	12.46	221.78	332.00	22.14	16.48
<i>Sphoeroides maculatus</i>	Northern puffer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total calculated</b>		<b>173.50</b>	<b>633.34</b>	<b>311.03</b>	<b>69.48</b>	<b>249.51</b>	<b>345.93</b>	<b>23.39</b>	<b>34.88</b>
<i>Palaemonetes vulgaris</i>	grass shrimp	2.13	6.36	2.75	7.28	14.77	4.53	1.56	22.67
<i>Crangon septemspinosa</i>	Sand shrimp	126.67	470.85	341.54	888.76	58.47	101.99	353.97	42.90
<i>Callinectes sapidus</i>	Blue crab	0.00	0.35	0.00	0.00	0.01	0.00	0.00	0.00
<b>Total calculated</b>		<b>128.80</b>	<b>477.56</b>	<b>344.29</b>	<b>896.04</b>	<b>73.25</b>	<b>106.52</b>	<b>355.53</b>	<b>65.57</b>
<b>Total given</b>		<b>341.01</b>	<b>1333.82</b>	<b>770.69</b>	<b>970.54</b>	<b>353.73</b>	<b>505.30</b>	<b>387.45</b>	<b>129.77</b>
<b>Grand Total calculated</b>		<b>302.30</b>	<b>1110.90</b>	<b>655.32</b>	<b>965.52</b>	<b>322.76</b>	<b>452.45</b>	<b>378.92</b>	<b>100.45</b>
<b>% represented by given organisms</b>		<b>88.65</b>	<b>83.29</b>	<b>85.03</b>	<b>99.48</b>	<b>91.24</b>	<b>89.54</b>	<b>97.80</b>	<b>77.41</b>

\*OCGS did not operate from April through August, 1983.

Weekly estimated weight (kg) of selected species impinged on the OCGS traveling screens, September 1982 through March 1983\*  
(Table 3-4, Ecological Studies at the Oyster Creek Generating Station)

		Month	March			
		Week	1	2	3	4
		Dates	1	7	14	22
		Year	1983	1983	1983	1983
<i>Alosa aestivalis</i>	Blueback herring		0.06	0.00	0.20	1.37
<i>Brevoortia tyrannus</i>	Atlantic menhaden		0.00	0.00	0.00	9.07
<i>Anchoa mitchilli</i>	Bay anchovy		0.24	0.85	0.02	0.19
<i>Menidia menidia</i>	Atlantic silverside		8.00	13.03	4.39	17.06
<i>Syngnathus fuscus</i>	Northern pipefish		0.40	2.63	1.28	5.98
<i>Pomatomus saltatrix</i>	Bluefish		0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish		0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish		0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder		0.00	0.00	0.00	0.00
<i>Pseudopleuronectes americanus</i>	Winter flounder		35.24	34.80	2.61	94.69
<i>Sphoeroides maculatus</i>	Northern puffer		0.00	0.00	0.00	0.00
<b>Total calculated</b>			<b>43.94</b>	<b>51.31</b>	<b>8.50</b>	<b>128.36</b>
<i>Palaemonetes vulgaris</i>	grass shrimp		9.24	13.06	6.78	22.53
<i>Crangon septemspinosa</i>	Sand shrimp		150.03	254.40	129.36	251.39
<i>Callinectes sapidus</i>	Blue crab		3.25	0.00	0.00	0.04
<b>Total calculated</b>			<b>162.52</b>	<b>267.46</b>	<b>136.14</b>	<b>273.96</b>
<b>Total given</b>			<b>398.54</b>	<b>362.92</b>	<b>158.90</b>	<b>531.78</b>
<b>Grand Total calculated</b>			<b>206.46</b>	<b>318.77</b>	<b>144.64</b>	<b>402.32</b>
<b>% represented by given organisms</b>			<b>51.80</b>	<b>87.83</b>	<b>91.03</b>	<b>75.66</b>

\*OCGS did not operate from April through August, 1983.

Total Estimated Number and Weight of Taxa Impinged at OCGS, November 1984 through November 1985  
(Table 3-6 from EA Engineering, Science and Technology, Inc. [1986])

Species	Number	Rel	Weight (kg)	Rel
		Abundance (%)		Abundance (%)
Sand shrimp	17,090,788	78	19,719.6	21
Grass shrimp	2,262,298	10	1,729.3	1.8
Blue crab	1,333,894	6	46,890.9	50
Atlantic silverside	276,942	1.3	1,573.5	1.7
Bay anchovy	195,871	0.9	629.6	0.7
Northern pipefish	107,875	0.5	254.6	0.3
Lady crab	102,750	0.5	1,046.3	1.1
Naked goby	70,841	0.3	56.1	0.1
Ribbon worm	65,090	0.3	396.2	0.4
Brown shrimp	57,513	0.3	1,082.5	1.1
Fourspine stickleback	53,011	0.2	57.2	0.1
Blueback herring	52,191	0.2	1,650.9	1.7
Class Scyphozoa (jellyfish)	27,174	0.1	4,867.2	5.2
Threespine stickleback	25,004	0.1	69.8	0.1
Smallmouth flounder	19,156	0.1	161.8	0.2
Lesser blue crab	18,219	0.1	66.5	0.1
Winter flounder	18,210	0.1	4,116.3	4.4
Mummichog	15,342	0.1	69.5	0.1
American eel	12,581	0.1	603.2	0.6
Oyster toadfish	12,574	0.1	660.3	0.7
Windowpane	12,216	0.1	241.4	0.3
Striped cusk-eel	11,925	0.1	498.5	0.5
Striped searobin	11,539	0.1	319.4	0.3
Weakfish	11,084	0.1	244.7	0.3
Spider crab	8,122	0.04	1,087.6	1.2
Rock crab	7,912	0.04	817.5	0.9
Lined seahorse	5,872	0.03	24.7	0.03
Goby family	5,409	0.02	4.2	0.004
Bluefish	4,938	0.02	23.0	0.02
Atlantic menhaden	4,654	0.02	346.6	0.4
Hogchoker	4,329	0.02	185.2	0.2
Alewife	3,544	0.02	449.4	0.5
Summer flounder	3,437	0.02	511.6	0.5
Sheepshead minnow	3,170	0.01	6.0	0.01
Spotted hake	3,031	0.01	85.6	0.1
Gray snapper	2,940	0.01	21.4	0.02
Horseshoe crab	2,535	0.01	2,235.9	2.4
Spotted hake	2,382	0.01	108.5	0.1
Inland silverside	2,286	0.01	1.5	0.002
Striped mullet	2,212	0.01	102.0	0.1
Crevalle jack	2,212	0.01	2.5	0.003
Butterfish	1,960	0.01	47.3	0.1
American sand lance	1,920	0.01	8.5	0.01
Atlantic needlefish	1,876	0.01	89.8	0.1
Black sea bass	1,680	0.01	188.6	0.2
Lookdown	1,680	0.01	32.3	0.03
Grubby	1,646	0.01	24.6	0.03

Total Estimated Number and Weight of Taxa Impinged at OCGS, November 1984 through November 1985  
(Table 3-6 from EA Engineering, Science and Technology, Inc. [1986])

Species	Number	Rel	Weight (kg)	Rel
		Abundance (%)		Abundance (%)
Banded killifish	1,601	0.01	7.6	0.01
Planehead filefish	1,500	0.01	75.9	0.1
<i>Menidia</i> (silverside) sp.	1,421	0.01	1.4	0.001
Striped blenny	1,401	0.01	2.1	0.002
Silver perch	1,260	0.01	88.2	0.1
Halfbeak	1,080	0.005	9.1	0.01
Hermit crab	1,073	0.005	2.0	0.002
Northern puffer	981	0.004	159.3	0.2
Tautog	941	0.004	30.3	0.03
Striped burrfish	857	0.004	367.0	0.4
Many-ribbed hydromedusa	756	0.003	16.1	0.02
Cunner	689	0.003	1.8	0.002
Gonger eel	660	0.003	33.0	0.03
Sea cucumber	660	0.003	5.8	0.01
<i>Portunus gibbesi</i> (crab)	660	0.003	3.5	0.004
Scup	656	0.003	80.1	0.1
Spotfin butterflyfish	420	0.002	2.1	0.002
Herring family	420	0.002	0.4	0.0004
Red hake	420	0.002	1.7	0.002
Squid	420	0.002	0.4	0.0004
Banded sunfish	420	0.002	3.4	0.004
Brief squid	420	0.002	2.1	0.002
Green crab	420	0.002	13.9	0.01
Silverside family	420	0.002	0.4	0.0004
Striped anchovy	420	0.002	0.4	0.0004
Inshore lizardfish	420	0.002	26.0	0.03
Scrawled cowfish	420	0.002	2.5	0.003
Ladyfish	280	0.001	35.9	0.04
Anchovy family	240	0.001	0.2	0.0002
Fowler's toad	240	0.001	0.2	0.0002
Rock crab	240	0.001	0.2	0.0002
Herring ( <i>Alosa</i> sp.)	236	0.001	0.2	0.0002
Total	21,965,887	100	94,383	100

Weekly estimated numbers of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-4 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

		November			December			
Month		November			December			
Week		2	3	4	1	2	3	4
Dates		12-Nov-84	19-Nov-84	26-Nov-84	3-Dec-84	10-Dec-84	17-Dec-84	24-Dec-84
<i>Alosa aestivalis</i>	Blueback herring	420	0	0	0	0	0	12817
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	1500	0	280	0	0	481
<i>Anchoa mitchilli</i>	Bay anchovy	1920	0	0	1113	840	0	0
<i>Menidia menidia</i>	Atlantic silverside	82200	13921	0	1402	2941	1120	7158
<i>Syngnathus fuscus</i>	Northern pipefish	4081	31022	3239	1821	2662	0	1920
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	1080	240	0	420	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	420	0	0	0	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	420	840	0	280	0	700	236
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0
<i>Apeltes quadracus</i>	Fourspine stickleback	1981	8701	1862	2772	5041	1261	1310
<i>Crangon septemspinosa</i>	Sand shrimp	989135	3046463	1280041	664588	659399	1090348	1066947
<i>Palaemonetes vulgaris</i>	grass shrimp	138861	302965	62137	133083	71991	42025	319176
<i>Callinectes sapidus</i>	Blue crab	7861	420	0	1120	0	7705	840
<b>Given Total (includes species not listed above)</b>		1256949	3447783	1362701	826461	751837	1156185	1421497
<b>Calculated Total (includes only species listed above)</b>		1227959	3406492	1347279	806879	742874	1143159	1410885
<b>% represented by Given Species</b>		97.69	98.80	98.87	97.63	98.81	98.87	99.25

Weekly estimated numbers of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-4 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

		January					February			
Month										
Week		1	2	3	4	5	1	2	3	4
Dates		31-Dec-84	7-Jan-85	14-Jan-85	21-Jan-85	28-Jan-85	4-Feb-85	11-Feb-85	18-Feb-85	25-Feb-85
<i>Alosa aestivalis</i>	Blueback herring	0	420	3869	0	0	841	445	280	336
<i>Brevoortia tyrannus</i>	Atlantic menhaden	280	0	617	0	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	1120	0	0	0	0	0	0	0	0
<i>Menidia menidia</i>	Atlantic silverside	560	1821	2083	481	901	555	1141	14429	5376
<i>Syngnathus fuscus</i>	Northern pipefish	0	0	2008	1080	0	280	0	0	0
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	0	0	0	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	280	4157	1381	840	277	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	0	0
<i>Apeltes quadracus</i>	Fourspine stickleback	0	1857	3082	15008	420	0	0	0	745
<i>Crangon septemspinosa</i>	Sand shrimp	399748	382418	537326	537821	325889	44802	41309	189706	79132
<i>Palaemonetes vulgaris</i>	grass shrimp	18458	28752	54495	176182	51498	4056	3866	8263	12835
<i>Callinectes sapidus</i>	Blue crab	34724	0	0	2522	1080	0	0	0	2100
<b>Given Total (includes species not listed above)</b>		462452	420870	618360	756504	381708	50811	46761	216879	108087
<b>Calculated Total (includes only species listed above)</b>		454890	415548	607637	734475	380628	50811	46761	212678	100524
<b>% represented by Given Species</b>		98.36	98.74	98.27	97.09	99.72	100.00	100.00	98.06	93.00

Weekly estimated numbers of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-4 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

		March				April			
Month									
Week		1	2	3	4	1	2	3	4
Dates		4-Mar-85	11-Mar-85	18-Mar-85	25-Mar-85	1-Apr-85	8-Apr-85	15-Apr-85	22-Apr-85
<i>Alosa aestivalis</i>	Blueback herring	6224	4764	3708	2081	2581	2343	0	11061
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0	415	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	0	0	0	553	240	4622	2396	100941
<i>Menidia menidia</i>	Atlantic silverside	15881	17090	35731	3492	42292	17658	5992	1122
<i>Syngnathus fuscus</i>	Northern pipefish	0	1962	8256	8782	4681	11944	2401	12463
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	0	0	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	3702	0	0	277	0	240	415	3640
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	0
<i>Apeltes quadracus</i>	Fourspine stickleback	1948	1261	660	1680	1321	1260	0	0
<i>Crangon septemspinosa</i>	Sand shrimp	280657	173784	286683	157987	145142	188407	238165	1971627
<i>Palaemonetes vulgaris</i>	grass shrimp	18458	16673	22933	55073	44469	93916	83206	168176
<i>Callinectes sapidus</i>	Blue crab	280	28301	0	93251	31085	56469	40270	212122
<b>Given Total (includes species not listed above)</b>		<b>359636</b>	<b>247056</b>	<b>367075</b>	<b>335036</b>	<b>280692</b>	<b>384003</b>	<b>379433</b>	<b>2515456</b>
<b>Calculated Total (includes only species listed above)</b>		<b>327150</b>	<b>243835</b>	<b>357971</b>	<b>323591</b>	<b>271811</b>	<b>376859</b>	<b>372845</b>	<b>2481152</b>
<b>% represented by Given Species</b>		<b>90.97</b>	<b>98.70</b>	<b>97.52</b>	<b>96.58</b>	<b>96.84</b>	<b>98.14</b>	<b>98.26</b>	<b>98.64</b>

Weekly estimated numbers of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-4 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

		May					June			
Month		1	2	3	4	5	1	2	3	4
Week										
Dates		29-Apr-85	6-May-85	13-May-85	20-May-85	27-May-85	3-Jun-85	10-Jun-85	17-Jun-85	24-Jun-85
<i>Alosa aestivalis</i>	Blueback herring	0	0	0	0	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0	0	0	0	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	1500	840	2775	1318	700	0	0	1260	840
<i>Menidia menidia</i>	Atlantic silverside	0	420	0	420	0	0	0	420	0
<i>Syngnathus fuscus</i>	Northern pipefish	1321	901	420	1379	420	0	420	0	420
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	420	280	1141	420	1260	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	0	0	0	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	0	0	0	0	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0	0	0	0	0	0	240
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	420	0	0	0	0
<i>Apeltes quadracus</i>	Fourspine stickleback	0	420	0	0	420	0	0	0	0
<i>Crangon septemspinosa</i>	Sand shrimp	1314292	107342	86239	706965	42008	14700	420	4860	16144
<i>Palaemonetes vulgaris</i>	grass shrimp	84265	12843	48319	67595	18485	11282	9361	15241	41648
<i>Callinectes sapidus</i>	Blue crab	30184	12724	8381	57518	15691	13002	20230	102451	88897
<b>Given Total (includes species not listed above)</b>		1436663	141971	149666	846748	87249	43415	45495	142176	158272
<b>Calculated Total (includes only species listed above)</b>		1431562	135490	146134	835615	78424	40125	30851	125492	148189
<b>% represented by Given Species</b>		99.64	95.43	97.64	98.69	89.89	92.42	67.81	88.27	93.63



Weekly estimated numbers of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-4 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

Month		July				August				
Week		1	2	3	4	1	2	3	4	5
Dates		1-Jul-85	8-Jul-85	15-Jul-85	22-Jul-85	29-Jul-85	5-Aug-85	12-Aug-85	19-Aug-85	26-Aug-85
<i>Alosa aestivalis</i>	Blueback herring	0	0	0	0	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0	0	0	0	0	0	420	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	1510	0	1500	420	0	420	700	2821	1260
<i>Menidia menidia</i>	Atlantic silverside	0	336	0	0	0	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	672	0	0	0	0	0	280	0	0
<i>Pomatomus saltatrix</i>	Bluefish	336	0	240	420	0	0	0	0	0
<i>Cynoscion regalis</i>	Weakfish	0	0	0	0	0	1741	700	1500	420
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	616	0	0	0	0	0	420	420	420
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0	0	0	0	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	0	0
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0	0	0	0	0	0
<i>Crangon septemspinosa</i>	Sand shrimp	3810	280	14943	420	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	6048	952	9602	1920	901	1080	0	0	0
<i>Callinectes sapidus</i>	Blue crab	64501	47383	152471	49217	42928	24787	36125	12906	9543
<b>Given Total (includes species not listed above)</b>		87351	51584	190819	65480	47530	32888	44667	25569	20284
<b>Calculated Total (includes only species listed above)</b>		77493	48951	178756	52397	43829	28028	38645	17647	11643
<b>% represented by Given Species</b>		88.71	94.90	93.68	80.02	92.21	85.22	86.52	69.02	57.40

Weekly estimated numbers of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-4 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

Month		September				October				
Week		1	2	3	4	1	2	3	4	5
Dates		2-Sep-85	9-Sep-85	16-Sep-85	23-Sep-85	30-Sep-85	7-Oct-85	14-Oct-85	21-Oct-85	28-Oct-85
<i>Alosa aestivalis</i>	Blueback herring	0	0	0	0	0	0	0	0	0
<i>Brevoortia tyrannus</i>	Atlantic menhaden	420	0	0	0	0	240	0	0	0
<i>Anchoa mitchilli</i>	Bay anchovy	1500	1260	0	48836	8640	1920	280	561	0
<i>Menidia menidia</i>	Atlantic silverside	0	0	0	0	0	0	0	0	0
<i>Syngnathus fuscus</i>	Northern pipefish	0	0	0	0	0	240	420	0	0
<i>Pomatomus saltatrix</i>	Bluefish	0	0	0	0	0	420	0	0	0
<i>Cynoscion regalis</i>	Weakfish	420	1260	0	481	420	721	0	1680	0
<i>Menticirrhus saxatilis</i>	Northern kingfish	0	0	0	0	0	0	0	0	0
<i>Paralichthys dentatus</i>	Summer flounder	0	0	0	240	481	0	0	0	0
<i>Pseudopleuronectes americanus</i>	Winter flounder	0	0	0	0	0	0	0	0	0
<i>Sphoeroides maculatus</i>	Northern puffer	0	0	0	0	0	0	0	561	0
<i>Apeltes quadracus</i>	Fourspine stickleback	0	0	0	0	0	0	0	0	0
<i>Crangon septemspinosa</i>	Sand shrimp	0	0	0	0	0	0	0	0	0
<i>Palaemonetes vulgaris</i>	grass shrimp	0	0	0	240	0	0	0	0	0
<i>Callinectes sapidus</i>	Blue crab	6662	3481	3001	4263	2161	840	699	2296	840
<b>Given Total (includes species not listed above)</b>		13862	9242	6421	76079	17642	9903	8275	24869	2520
<b>Calculated Total (includes only species listed above)</b>		9002	6001	3001	54060	11702	4381	1399	5098	840
<b>% represented by Given Species</b>		64.94	64.93	46.74	71.06	66.33	44.24	16.91	20.50	33.33

Weekly estimated numbers of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-4 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

		Month	November
		Week	1
		Dates	4-Nov-85
<i>Alosa aestivalis</i>	Blueback herring		0
<i>Brevoortia tyrannus</i>	Atlantic menhaden		0
<i>Anchoa mitchilli</i>	Bay anchovy		1261
<i>Menidia menidia</i>	Atlantic silverside		0
<i>Syngnathus fuscus</i>	Northern pipefish		2380
<i>Pomatomus saltatrix</i>	Bluefish		0
<i>Cynoscion regalis</i>	Weakfish		0
<i>Menticirrhus saxatilis</i>	Northern kingfish		0
<i>Paralichthys dentatus</i>	Summer flounder		420
<i>Pseudopleuronectes americanus</i>	Winter flounder		280
<i>Sphoeroides maculatus</i>	Northern puffer		0
<i>Apeltes quadracus</i>	Fourspine stickleback		0
<i>Crangon septemspinosa</i>	Sand shrimp		841
<i>Palaemonetes vulgaris</i>	grass shrimp		0
<i>Callinectes sapidus</i>	Blue crab		561
<b>Given Total (includes species not listed above)</b>			26695
<b>Calculated Total (includes only species listed above)</b>			5743
<b>% represented by Given Species</b>			21.51

Weekly estimated weights (kg) of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-5 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

		Month	November			December	
		Week	2	3	4	1	2
		Dates	12-Nov-84	19-Nov-84	26-Nov-84	3-Dec-84	10-Dec-84
<i>Alosa aestivalis</i>	Blueback herring		0.84	0.00	0.00	0.00	0.00
<i>Brevoortia tyrannus</i>	Atlantic menhaden		0.00	26.28	0.00	7.01	0.00
<i>Anchoa mitchilli</i>	Bay anchovy		8.28	0.00	0.00	3.63	3.36
<i>Menidia menidia</i>	Atlantic silverside		371.23	65.16	0.00	11.22	13.58
<i>Syngnathus fuscus</i>	Northern pipefish		12.90	73.39	6.34	3.08	4.34
<i>Pomatomus saltatrix</i>	Bluefish		0.00	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish		23.94	6.73	0.00	9.66	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish		0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder		0.00	86.10	0.00	0.00	0.00
<i>Pseudopleuronectes americanus</i>	Winter flounder		150.36	121.80	0.00	140.19	0.00
<i>Sphoeroides maculatus</i>	Northern puffer		0.00	0.00	0.00	0.00	0.00
<i>Apeltes quadracus</i>	Fourspine stickleback		3.00	10.38	2.28	2.51	6.44
<i>Crangon septemspinosa</i>	Sand shrimp		957.93	3673.01	1841.13	762.51	755.73
<i>Palaemonetes vulgaris</i>	grass shrimp		100.33	314.49	46.96	99.25	44.82
<i>Callinectes sapidus</i>	Blue crab		14.46	0.42	0.00	1.96	0.00
<b>Given Total (includes species not listed above)</b>			5132.90	15371.29	7600.36	49540.20	8392.14
<b>Calculated Total (includes only species listed above)</b>			1643.27	4377.76	1896.71	1041.02	828.27
<b>% represented by Given Species</b>			32.01	28.48	24.96	2.10	9.87

Weekly estimated weights (kg) of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-5 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

		Month		December (continued)		January	
		Week		3		4	
		Dates		17-Dec-84		24-Dec-84	
				31-Dec-84		7-Jan-85	
				14-Jan-85			
<i>Alosa aestivalis</i>	Blueback herring		0.00	75.24	0.00	13.02	192.48
<i>Brevoortia tyrannus</i>	Atlantic menhaden		0.00	6.73	144.96	0.00	0.62
<i>Anchoa mitchilli</i>	Bay anchovy		0.00	0.00	4.48	0.00	0.00
<i>Menidia menidia</i>	Atlantic silverside		5.46	43.09	2.80	8.26	11.91
<i>Syngnathus fuscus</i>	Northern pipefish		0.00	4.68	0.00	0.00	2.90
<i>Pomatomus saltatrix</i>	Bluefish		0.00	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish		0.00	0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish		0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder		0.00	0.00	0.00	0.00	0.00
<i>Pseudopleuronectes americanus</i>	Winter flounder		438.95	62.17	0.00	42.06	1125.18
<i>Sphoeroides maculatus</i>	Northern puffer		0.00	0.00	0.00	0.00	0.00
<i>Apeltes quadracus</i>	Fourspine stickleback		1.68	1.54	0.00	1.44	3.50
<i>Crangon septemspinosa</i>	Sand shrimp		1012.38	1257.89	394.11	355.68	589.77
<i>Palaemonetes vulgaris</i>	grass shrimp		26.90	254.82	10.35	17.93	33.95
<i>Callinectes sapidus</i>	Blue crab		154.12	0.84	106.39	0.00	0.00
<b>Given Total (includes species not listed above)</b>			11917.66	14640.82	7066.72	21440.62	4849.25
<b>Calculated Total (includes only species listed above)</b>			1639.49	1707.00	663.09	438.39	1960.31
<b>% represented by Given Species</b>			13.76	11.66	9.38	2.04	40.43

Weekly estimated weights (kg) of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-5 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

		January (continued)		February			
Month		4	5	1	2	3	4
Week							
Dates		21-Jan-85	28-Jan-85	4-Feb-85	11-Feb-85	18-Feb-85	25-Feb-85
<i>Alosa aestivalis</i>	Blueback herring	0.00	0.00	34.49	49.28	13.74	1.01
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.00	0.00	0.00	0.00	0.00	0.00
<i>Anchoa mitchilli</i>	Bay anchovy	0.00	0.00	0.00	0.00	0.00	0.00
<i>Menidia menidia</i>	Atlantic silverside	0.48	7.14	5.27	4.92	72.42	34.02
<i>Syngnathus fuscus</i>	Northern pipefish	2.34	0.00	0.28	0.00	0.00	0.00
<i>Pomatomus saltatrix</i>	Bluefish	0.00	0.00	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish	0.00	0.00	0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	0.00	0.00	0.00	0.00	0.00	0.00
<i>Pseudopleuronectes americanus</i>	Winter flounder	360.73	22.68	4.71	0.00	0.00	0.00
<i>Sphoeroides maculatus</i>	Northern puffer	0.00	0.00	0.00	0.00	0.00	0.00
<i>Apeltes quadracus</i>	Fourspine stickleback	12.97	0.42	0.00	0.00	0.00	0.75
<i>Crangon septemspinosa</i>	Sand shrimp	572.27	391.11	46.48	44.67	233.95	85.29
<i>Palaemonetes vulgaris</i>	grass shrimp	105.71	183.55	2.93	2.79	4.76	8.14
<i>Callinectes sapidus</i>	Blue crab	1.38	1.08	0.00	0.00	0.00	5.88
<b>Given Total (includes species not listed above)</b>		16513.57	2072.78	325.40	139.35	721.05	596.01
<b>Calculated Total (includes only species listed above)</b>		1055.88	605.98	94.16	101.66	324.87	135.09
<b>% represented by Given Species</b>		6.39	29.24	28.94	72.95	45.06	22.67

Weekly estimated weights (kg) of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-5 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

Month		March				April			
Week		1	2	3	4	1	2	3	4
Dates		4-Mar-85	11-Mar-85	18-Mar-85	25-Mar-85	1-Apr-85	8-Apr-85	15-Apr-85	22-Apr-85
<i>Alosa aestivalis</i>	Blueback herring	248.84	239.02	144.83	147.94	129.50	56.16	0.00	304.53
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.00	0.00	0.00	20.35	0.00	0.00	0.00	0.00
<i>Anchoa mitchilli</i>	Bay anchovy	0.00	0.00	0.00	1.94	0.96	19.87	9.21	334.46
<i>Menidia menidia</i>	Atlantic silverside	102.33	106.46	261.04	23.90	245.63	117.36	43.72	7.01
<i>Syngnathus fuscus</i>	Northern pipefish	0.00	4.62	17.07	18.69	10.86	29.29	5.16	30.53
<i>Pomatomus saltatrix</i>	Bluefish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Pseudopleuronectes americanus</i>	Winter flounder	703.86	0.00	0.00	19.41	0.00	48.07	45.28	725.86
<i>Sphoeroides maculatus</i>	Northern puffer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Apeltes quadracus</i>	Fourspine stickleback	2.23	1.26	0.66	1.68	1.98	1.68	0.00	0.00
<i>Crangon septemspinosa</i>	Sand shrimp	329.12	232.45	356.12	196.74	188.10	236.41	317.71	2615.35
<i>Palaemonetes vulgaris</i>	grass shrimp	10.94	9.67	13.35	31.44	19.92	45.67	37.90	83.88
<i>Callinectes sapidus</i>	Blue crab	0.28	81.26	0.00	452.54	177.88	918.12	1013.94	4372.54
<b>Given Total (includes species not listed above)</b>		3019.15	2911.51	3206.67	2011.73	1739.06	6103.69	3907.53	17291.50
<b>Calculated Total (includes only species listed above)</b>		1397.60	674.74	793.07	914.63	774.83	1472.63	1472.92	8474.16
<b>% represented by Given Species</b>		46.29	23.17	24.73	45.46	44.55	24.13	37.69	49.01

Weekly estimated weights (kg) of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-5 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

		May					June			
Month		1	2	3	4	5	1	2	3	4
Week										
Dates		29-Apr-85	6-May-85	13-May-85	20-May-85	27-May-85	3-Jun-85	10-Jun-85	17-Jun-85	24-Jun-85
<i>Alosa aestivalis</i>	Blueback herring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Anchoa mitchilli</i>	Bay anchovy	5.76	3.36	7.78	2.40	1.96	0.00	0.00	3.36	1.68
<i>Menidia menidia</i>	Atlantic silverside	0.00	3.36	0.00	4.62	0.00	0.00	0.00	0.42	0.00
<i>Syngnathus fuscus</i>	Northern pipefish	4.08	4.02	1.26	2.10	1.26	0.00	0.84	0.00	0.84
<i>Pomatomus saltatrix</i>	Bluefish	0.00	0.00	0.00	0.42	0.28	1.38	0.42	2.94	0.00
<i>Cynoscion regalis</i>	Weakfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.46
<i>Sphoeroides maculatus</i>	Northern puffer	0.00	0.00	0.00	0.00	55.02	0.00	0.00	0.00	0.00
<i>Apeltes quadracus</i>	Fourspine stickleback	0.00	0.42	0.00	0.00	0.42	0.00	0.00	0.00	0.00
<i>Crangon septemspinosa</i>	Sand shrimp	1405.62	105.42	80.39	601.58	34.17	12.60	0.42	3.42	12.84
<i>Palaemonetes vulgaris</i>	grass shrimp	36.49	8.40	30.72	54.59	14.42	8.52	6.84	8.88	31.99
<i>Callinectes sapidus</i>	Blue crab	1827.36	1185.34	246.95	1475.36	1240.30	926.19	1642.99	3480.72	2252.24
<b>Given Total (includes species not listed above)</b>		7479.27	4775.66	5427.29	15859.38	11026.04	14922.13	56124.92	64587.86	29635.03
<b>Calculated Total (includes only species listed above)</b>		3279.31	1310.32	367.10	2141.07	1347.83	948.69	1651.51	3499.74	2344.05
<b>% represented by Given Species</b>		43.85	27.44	6.76	13.50	12.22	6.36	2.94	5.42	7.91



Weekly estimated weights (kg) of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-5 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

		Month		July				August				
		Week		1	2	3	4	1	2	3	4	5
		Dates		1-Jul-85	8-Jul-85	15-Jul-85	22-Jul-85	29-Jul-85	5-Aug-85	12-Aug-85	19-Aug-85	26-Aug-85
<i>Alosa aestivalis</i>	Blueback herring			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Brevoortia tyrannus</i>	Atlantic menhaden			0.00	0.00	0.00	0.00	0.00	0.00	121.38	0.00	0.00
<i>Anchoa mitchilli</i>	Bay anchovy			3.97	0.00	4.26	1.26	0.00	1.26	1.54	6.00	3.36
<i>Menidia menidia</i>	Atlantic silverside			0.00	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Syngnathus fuscus</i>	Northern pipefish			3.02	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00
<i>Pomatomus saltatrix</i>	Bluefish			1.01	0.00	1.44	10.08	0.00	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish			0.00	0.00	0.00	0.00	0.00	5.16	4.90	10.68	6.30
<i>Menticirrhus saxatilis</i>	Northern kingfish			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder			11.26	0.00	0.00	0.00	0.00	0.00	30.66	49.14	58.80
<i>Pseudopleuronectes americanus</i>	Winter flounder			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sphoeroides maculatus</i>	Northern puffer			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Apeltes quadracus</i>	Fourspine stickleback			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Crangon septemspinosa</i>	Sand shrimp			2.86	0.28	12.78	0.42	0.00	0.00	0.00	0.00	0.00
<i>Palaemonetes vulgaris</i>	grass shrimp			4.37	0.62	8.76	1.50	0.90	0.66	0.00	0.00	0.00
<i>Callinectes sapidus</i>	Blue crab			3641.86	1399.63	6595.51	2555.85	2705.14	1975.03	2588.45	1188.89	703.89
<b>Given Total (includes species not listed above)</b>				39141.03	40886.05	14194.26	28393.99	15651.31	8442.01	49246.81	40912.44	22412.91
<b>Calculated Total (includes only species listed above)</b>				3668.35	1401.20	6622.75	2569.11	2706.04	1982.11	2747.77	1254.71	772.35
<b>% represented by Given Species</b>				9.37	3.43	46.66	9.05	17.29	23.48	5.58	3.07	3.45

Weekly estimated weights (kg) of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-5 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

		Month	September				October				
		Week	1	2	3	4	1	2	3	4	5
		Dates	2-Sep-85	9-Sep-85	16-Sep-85	23-Sep-85	30-Sep-85	7-Oct-85	14-Oct-85	21-Oct-85	28-Oct-85
<i>Alosa aestivalis</i>	Blueback herring	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Brevoortia tyrannus</i>	Atlantic menhaden	4.62	0.00	0.00	0.00	0.00	14.66	0.00	0.00	0.00	0.00
<i>Anchoa mitchilli</i>	Bay anchovy	4.26	3.36	0.00	150.35	25.92	4.44	1.12	1.40	0.00	0.00
<i>Menidia menidia</i>	Atlantic silverside	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Syngnathus fuscus</i>	Northern pipefish	0.00	0.00	0.00	0.00	0.00	2.88	0.84	0.00	0.00	0.00
<i>Pomatomus saltatrix</i>	Bluefish	0.00	0.00	0.00	0.00	0.00	5.04	0.00	0.00	0.00	0.00
<i>Cynoscion regalis</i>	Weakfish	4.62	28.98	0.00	7.45	15.12	26.44	0.00	94.75	0.00	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Paralichthys dentatus</i>	Summer flounder	0.00	0.00	0.00	32.69	84.60	0.00	0.00	0.00	0.00	0.00
<i>Pseudopleuronectes americanus</i>	Winter flounder	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Sphoeroides maculatus</i>	Northern puffer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	104.30	0.00	0.00
<i>Apeltes quadracus</i>	Fourspine stickleback	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Crangon septemspinosa</i>	Sand shrimp	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Palaemonetes vulgaris</i>	grass shrimp	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00
<i>Callinectes sapidus</i>	Blue crab	389.47	110.70	243.30	496.17	182.05	117.18	62.85	264.66	60.90	0.00
Given Total (includes species not listed above)		5058.30	11385.63	43425.86	38020.90	10932.74	34763.56	5307.23	2526.48	198.37	0.00
Calculated Total (includes only species listed above)		402.97	143.04	243.30	686.90	307.69	170.64	64.81	465.11	60.90	0.00
% represented by Given Species		7.97	1.26	0.56	1.81	2.81	0.49	1.22	18.41	30.70	0.00

Weekly estimated weights (kg) of selected species impinged on the OCGS traveling screens, November 1984 through November 1985  
(Table 3-5 from Entrainment and Impingement Studies at Oyster Creek Generating Station, 1984-1985)

Month		November
Week		1
Dates		4-Nov-85
<i>Alosa aestivalis</i>	Blueback herring	0.00
<i>Brevoortia tyrannus</i>	Atlantic menhaden	0.00
<i>Anchoa mitchilli</i>	Bay anchovy	4.62
<i>Menidia menidia</i>	Atlantic silverside	0.00
<i>Syngnathus fuscus</i>	Northern pipefish	6.16
<i>Pomatomus saltatrix</i>	Bluefish	0.00
<i>Cynoscion regalis</i>	Weakfish	0.00
<i>Menticirrhus saxatilis</i>	Northern kingfish	0.00
<i>Paralichthys dentatus</i>	Summer flounder	158.34
<i>Pseudopleuronectes americanus</i>	Winter flounder	60.56
<i>Sphoeroides maculatus</i>	Northern puffer	0.00
<i>Apeltes quadracus</i>	Fourspine stickleback	0.00
<i>Crangon septemspinosa</i>	Sand shrimp	0.84
<i>Palaemonetes vulgaris</i>	grass shrimp	0.00
<i>Callinectes sapidus</i>	Blue crab	28.88
<b>Given Total (includes species not listed above)</b>		1093.49
<b>Calculated Total (includes only species listed above)</b>		259.40
<b>% represented by Given Species</b>		23.72

Table 1. Summary of weekly collection results of impinged target species, and Atlantic croaker, at Oyster Creek Generating Station, September 2005 through September 2006.

Date	Atlantic croaker	Atlantic menhaden	Atlantic silverside	bay anchovy	blue crab	blueback herring	grass shrimp	northern pipelish	sand shrimp	summer flounder	weakfish	winter flounder	Total
19-Sep-05					14						1		15
26-Sep-05			6	2	9	1		1	1		1		21
03-Oct-05				2	7						1		10
10-Oct-05	10	180	7	66	21		3	5		2	17		311
17-Oct-05	2	3	7	12	5		33						62
24-Oct-05	40	8	13	9	33			5	88	2	1		199
31-Oct-05	11	16	20	21	29			3	3		1		104
07-Nov-05	2		35	6	14		5		4			1	67
14-Nov-05	6	2	12	4	9		0	1	4				38
21-Nov-05	652	1	19	3	19		3	3	12	1			713
28-Nov-05	23	3	31	2	23			1	25				108
05-Dec-05	13	3	86	1	2	1	16	90	82	1		1	296
12-Dec-05	8		101		1		12	13	1,524			1	1,660
19-Dec-05	1		28				312	12	322			4	679
26-Dec-05	39	8	20	1	3		58	1	120			10	260
02-Jan-06	83	1	15	1	2	2	92		115			5	316
09-Jan-06	7	2	2		11		188		111			2	323
16-Jan-06	29	0	1		2	2	412		450			8	904
23-Jan-06	2	1			3		167	2	237			1	413
30-Jan-06	*	*	*	*	*	*	*	*	*	*	*	*	*
06-Feb-06	2	3	15			5	98	1	140			4	268
13-Feb-06	*	*	*	*	*	*	*	*	*	*	*	*	*
20-Feb-06	*	*	*	*	*	*	*	*	*	*	*	*	*
27-Feb-06	*	*	*	*	*	*	*	*	*	*	*	*	*
06-Mar-06	7	1	6		1	7	142	5	140			1	310
13-Mar-06			5		1	2	55	4	4			1	72
20-Mar-06			1				34	10	6			2	53
27-Mar-06		1			20		100	23	7				151
03-Apr-06			6	3	111		305	3	2				430
10-Apr-06			6	3	9		215	8	7				248
17-Apr-06				6	6		273	2	1				288
24-Apr-06			2	15	30	1	253	6	4				311
01-May-06				19	56		129	3	1				208
08-May-06				3	12		12	1					28
15-May-06				6	67		90	3					166
22-May-06				6	52		57	1					116
29-May-06				3	20	1	54	1				2	81
05-Jun-06		1	3	4	50		24	2				1	85
12-Jun-06			1	7	69		8						85
19-Jun-06			1	12	197		57		4			1	272
26-Jun-06	2			8	468		150	6	3				637
03-Jul-06			3	15	790	2	294	5					1,109
10-Jul-06		1	2	6	916	1	108	2	2			1	1,039
17-Jul-06	1		3	3	852		92	2		1			954
24-Jul-06			3		640		48	1					692
31-Jul-06			1	11	75		3	1					91
07-Aug-06		1		2	212		60						275
14-Aug-06	1	5		4	195		5			1	1		212
21-Aug-06		1	1	1	344		7						354
28-Aug-06			1	2	283		1						287
04-Sep-06		10		1	145		333	2					491
11-Sep-06		7	2		156		10	3					178
18-Sep-06		3	3	3	77		7	3		2			98
25-Sep-06		5	5		79		3				1		93
Total	941	267	473	273	6,140	25	4,328	235	3,419	10	24	46	16,181

\* No Sampling for the week, due to outage or construction interference within the sampling pool.

Table 2. Estimated number of organisms impinged at the circulating water intake of Oyster Creek Generating Station, Sept 2005 - Sept 2006.  
No impingement estimated for 1- week outage during the 54-week study period.

Common Name	Estimated Total Number	%
alewife	1,130	0.0%
American eel	4,455	0.2%
American sand lance	144	0.0%
American shad	882	0.0%
Atlantic croaker	138,874	4.8%
Atlantic herring	183	0.0%
Atlantic menhaden	43,732	1.5%
Atlantic moonfish	279	0.0%
Atlantic needlefish	5,219	0.2%
Atlantic silverside	76,107	2.7%
banded rudderfish	148	0.0%
banded sunfish	445	0.0%
bay anchovy	37,081	1.3%
black drum	2,047	0.1%
blue crab	714,790	24.9%
blueback herring	8,845	0.3%
bluefish	3,274	0.1%
butterfish	1,843	0.1%
cobia	101	0.0%
crevalle jack	993	0.0%
cunner	986	0.0%
feather blenny	7,810	0.3%
fourspot flounder	1,003	0.0%
gizzard shad	216	0.0%
grass shrimp	802,323	28.0%
gray snapper	1,030	0.0%
hogchoker	617	0.0%
horseshoe crab	117	0.0%
ictalurus sp.	140	0.0%
inshore lizardfish	681	0.0%
largemouth bass	163	0.0%
lined seahorse	1,010	0.0%
lookdown	352	0.0%
mummichog	849	0.0%
naked goby	2,280	0.1%
northern kingfish	869	0.0%
northern pipefish	35,856	1.3%
northern puffer	4,004	0.1%
northern searobin	1,618	0.1%
northern stargazer	210	0.0%
oyster toadfish	4,970	0.2%
red hake	216	0.0%
sand shrimp	764,000	26.7%
scup	126	0.0%
sheepshead minnow	61	0.0%
silver perch	14,416	0.5%

Table 2. cont'd.

smallmouth flounder	6,151	0.2%
southern kingfish	174	0.0%
spot	541	0.0%
spotted hake	1,415	0.0%
striped anchovy	104	0.0%
striped blenny	163	0.0%
striped burrfish	327	0.0%
striped cusk-eel	2,520	0.1%
striped killifish	174	0.0%
striped searobin	11,442	0.4%
summer flounder	1,250	0.0%
tautog	24,207	0.8%
threespine stickleback	5,567	0.2%
unidentified	1,062	0.0%
unmeasureable	108,384	3.8%
weakfish	3,841	0.1%
white mullet	169	0.0%
white perch	1,265	0.0%
windowpane	1,078	0.0%
winter flounder	10,043	0.4%
Total	2,866,373	100.0%

**Methods for preparation of estimated impingement shown on the accompanying worksheet.**

1. Individual samples were summed for each nominal weekly 12-hr day and night sample period.
2. The resultant total 'day' catch and 'night' catch by species was then expanded to estimate the total impingement for the 12-hr periods as follows:  
$$I_{12} = 720 \text{ min} / \text{total actual sample min.} \times \# \text{ specimens of each species}$$
3. These 12-hr period estimates were then multiplied by 7 to yield estimates of the total weekly impingement by species.
4. The weekly day & night totals were then summed to yield the total estimated impingement for Sept 2005 - Sept 2006.  
Note that this period includes the last 2 weeks of Sept 2005 and extends through Sept 2006.
5. Note that this estimate period includes a one-week plant outage during which impingement was zero.
6. Note that this period also includes 1 week during which the plant was shut down for part of the week (wk of 7/31).  
In this instance only day samples were collected and used to estimate the partial week's impingement, which assumed operation for just half of the week.
6. Note that this period also includes a 3-week period when OCGS operated but sampling was interrupted by construction in the fish sampling pool house. Impingement was estimated for this period by taking an average of the day period and night period totals from the week before and after the 3-week period for which data were lacking. The average day and average night impingements were assumed to be the same each week of the 3-week period.

Table 7. Summary of weekly results of entrained target organisms, and Atlantic croaker, at Oyster Creek Generating Station, September 2005 - September 2006.

Date	Atlantic croaker			Atlantic menhaden			Atlantic silverside			bay anchovy		
	life stage		egg	life stage		egg	life stage		egg	life stage		egg
	post yolk-sac larvae	young-of-year		post yolk-sac larvae	young-of-year		post yolk-sac larvae	yearling		post yolk-sac larvae	young-of-year	
26-Sep-05	158	2								421	16	
3-Oct-05		227								127	2	
10-Oct-05	334	6								33	40	
17-Oct-05	125	30								16	11	
24-Oct-05	17	16								22	3	
31-Oct-05	54	39								41	11	
7-Nov-05	21	34								7	2	
14-Nov-05	1	16								2		
21-Nov-05		47								1	8	
28-Nov-05	1	4								1		
5-Dec-05		10										
12-Dec-05	2	25		2						2		
19-Dec-05	3	7		3						1		
26-Dec-05		3		1				1				
2-Jan-06	2	2						2				
9-Jan-06		5										
16-Jan-06		1		1				1				
23-Jan-06	1	1										
30-Jan-06												
6-Feb-06												
13-Feb-06		1										
20-Feb-06		1		1				1				
27-Feb-06				2								
6-Mar-06				3								
13-Mar-06				8								
20-Mar-06												
27-Mar-06												
3-Apr-06												
10-Apr-06			2	1								
17-Apr-06			2			2			30			
24-Apr-06			3									
1-May-06			6									
8-May-06			1						81	2		
15-May-06			39						1,226			
22-May-06							1		882			
29-May-06			5						970			
5-Jun-06							25		919			
12-Jun-06			3				2		1,047	23		
19-Jun-06			1	3		1	1		665	133		
26-Jun-06			1	1			37		820	70		
3-Jul-06							6		697	127		
10-Jul-06									1,431	290		
17-Jul-06									394	144		
24-Jul-06					1				1,494	181		
31-Jul-06									1,427	518		
7-Aug-06							1		177	128		
14-Aug-06							1		77	611		
21-Aug-06									7	350	3	
28-Aug-06									250	212		
4-Sep-06	1								15	286	5	
11-Sep-06	1				1					258	30	
18-Sep-06	47									172	4	
25-Sep-06	215									106	1	
Total	983	477	63	26	2	3	74	5	12609	4285	136	

Table 7. continued.

Date	northern pipefish			summer flounder		winter flounder					Total
	life stage			life stage		life stage					
	post yolk-sac larvae	young-of-year	yearling	post yolk-sac larvae	young-of-year	unknown	egg	yolk-sac larvae	post yolk-sac larvae	young-of-year	
26-Sep-05											597
3-Oct-05											356
10-Oct-05		2	2								417
17-Oct-05											182
24-Oct-05											58
31-Oct-05											145
7-Nov-05											64
14-Nov-05											19
21-Nov-05											56
28-Nov-05					7						13
5-Dec-05				1	2						13
12-Dec-05			3	15	6						55
19-Dec-05		1	2	1							18
26-Dec-05				3							8
2-Jan-06					2						8
9-Jan-06				4							9
16-Jan-06							1				4
23-Jan-06				2			1				5
30-Jan-06											0
6-Feb-06							15				15
13-Feb-06							2		2		5
20-Feb-06			2			1	2		2		10
27-Feb-06							5		17		24
6-Mar-06								2	18		23
13-Mar-06			1				2		7		18
20-Mar-06		2		1			7		22		32
27-Mar-06			1	1			1		28		31
3-Apr-06				1					54		55
10-Apr-06									19		22
17-Apr-06				1					53	1	89
24-Apr-06		1							10		14
1-May-06			2				1		1		10
8-May-06	1								9		94
15-May-06	5	1							3		1274
22-May-06	2										885
29-May-06	29	1									1005
5-Jun-06	125										1069
12-Jun-06	85	18									1178
19-Jun-06	122	7									933
26-Jun-06	24	1									954
3-Jul-06	11	3									844
10-Jul-06											1721
17-Jul-06			1								539
24-Jul-06	2										1678
31-Jul-06	1										1946
7-Aug-06	3										309
14-Aug-06	1										690
21-Aug-06	1										361
28-Aug-06	5										467
4-Sep-06	5										312
11-Sep-06	4	1									295
18-Sep-06	4	1									228
25-Sep-06	1										323
Total	431	39	14	30	17	1	37	2	245	1	19480



Ranking of Impinged Species by Year, 1976-1979, 1985, and 2006

1976	Rank
Bay anchovy	1
Atlantic silverside	2
Spot	3
Northern pipefish	4
Blueback herring	5
Striped searobin	6
Atlantic menhaden	7
Bluefish	8
Weakfish	9
Smallmouth flounder	10
Oyster toadfish	11
Striped cuskeel	12
Summer flounder	13
Aelwife	14
Winter flounder	15
Northern puffer	16
Lined seahorse	17
White perch	18
Windowpane	19
Silver perch	20
Atlantic herring	21
Spotted hake	22
Fourspine stickleback	23
Naked goby	24
American eel	25
Lookdown	26
Hogchoker	27
Crevalle jack	28

1977	
Bay anchovy	1
Atlantic menhaden	2
Smallmouth flounder	3
Spot	4
Atlantic silverside	5
Blueback herring	6
Striped searobin	7
Striped cuskeel	8
Weakfish	9
Black sea bass	10
Winter flounder	11
Northern pipefish	12
Feather blenny	13
Bluefish	14
Aelwife	15
Silver perch	16
Crevalle jack	17
Lookdown	18
Summer flounder	19
Oyster toadfish	20
Tautog	21
Northern puffer	22
White perch	23
Scup	24
Windowpane	25
Inshore lizardfish	26
Butterfish	27
Atlantic needlefish	28
Northern stargazer	29
Striped anchovy	30
American eel	31
Pumpkinseed	32
Sheepshead minnow	33
Mummichog	34
Hogchoker	35
Northern searobin	36
White mullet	37
Naked goby	38
Fourspine stickleback	39
Red hake	40
Threespine stickleback	41
Atlantic croaker	42
Sand lance	43
Grubby	44
Rough silverside	45
American shad	46

1978	
Bay anchovy	1
Atlantic silverside	2
Spot	3
Northern puffer	4
Blueback herring	5
Atlantic menhaden	6
Winter flounder	7
Northern pipefish	8
Weakfish	9
Striped searobin	10
Smallmouth flounder	11
Fourspine stickleback	12
Aelwife	13
Silver perch	14
Bluefish	15
Oyster toadfish	16
Grubby	17
Threespine stickleback	18
Red hake	19
Lookdown	20
Summer flounder	21
Tautog	22
Hogchoker	23
Windowpane	24
American shad	25
White perch	26
Sheepshead minnow	27
Silver hake	28
Mummichog	29
Crevalle jack	30
Atlantic croaker	31
Inshore lizardfish	32
Sand lance	33
Feather blenny	34
American eel	35
White mullet	36
Rough silverside	37
Northern searobin	38
Butterfish	39
Naked goby	40
Black sea bass	41
Northern stargazer	42
Scup	43
Striped cuskeel	44

Ranking of Impinged Species by Year, 1976-1979, 1985, and 2006

1979		2006		1985	
Atlantic silverside	1	Atlantic croaker	1	Species	
Bay anchovy	2	unmeasurable	2	Atlantic silverside	1
Winter flounder	3	Atlantic silverside	3	Bay anchovy	2
Blueback herring	4	Atlantic menhaden	4	Northern pipefish	3
Northern pipefish	5	bay anchovy	5	Naked goby	4
Threespine stickleback	6	northern pipefish	6	Fourspine stickleback	5
American eel	7	tautog	7	Blueback herring	6
Bluefish	8	silver perch	8	Threespine stickleback	7
Fourspine stickleback	9	striped searobin	9	Smallmouth flounder	8
Naked goby	10	winter flounder	10	Winter flounder	9
Aelwife	11	blueback herring	11	Mummichog	10
Atlantic menhaden	12	feather blenny	12	American eel	11
Weakfish	13	smallmouth flounder	13	Oyster toadfish	12
Tautog	14	threespine stickleback	14	Windowpane	13
Oyster toadfish	15	Atlantic needlefish	15	Striped cusk-eel	14
Hogchoker	16	oyster toadfish	16	Striped searobin	15
Smallmouth flounder	17	American eel	17	Weakfish	16
Mummichog	18	northern puffer	18	Lined seahorse	17
Sheepshead minnow	19	weakfish	19	Bluefish	18
Windowpane	20	bluefish	20	Atlantic menhaden	19
Summer flounder	21	striped cusk-eel	21	Hogchoker	20
American shad	22	naked goby	22	Alewife	21
Sand lance	23	black drum	23	Summer flounder	22
Atlantic needlefish	24	butterfish	24	Sheepshead minnow	23
Grubby	25	northern searobin	25	Spotted hake	24
Silver hake	26	spotted hake	26	Gray snapper	25
Crevalle jack	27	white perch	27	Spotted hake	26
Red hake	28	summer flounder	28	Inland silverside	27
Striped searobin	29	alewife	29	Striped mullet	28
Striped cuskeel	30	windowpane	30	Crevalle jack	29
Northern puffer	31	unidentified	31	Butterfish	30
White perch	32	gray snapper	32	American sand lance	31
Atlantic croaker	33	lined seahorse	33	Atlantic needlefish	32
Feather blenny	34	fourspot flounder	34	Black sea bass	33
Butterfish	35	crevalle jack	35	Lookdown	34
Black sea bass	36	cunner	36	Grubby	35
Silver perch	37	American shad	37	Banded killifish	36
White mullet	38	northern kingfish	38	Planehead filefish	37
Lookdown	39	mummichog	39	Striped blenny	38
Northern kingfish	40	inshore lizardfish	40	Silver perch	39
Northern searobin	41	hogchoker	41	Halfbeak	40
Spot	42	spot	42	Northern puffer	41
Inshore lizardfish	43	banded sunfish	43	Tautog	42
Northern stargazer	44	lookdown	44	Striped burrfish	43
		striped burrfish	45	Cunner	44
		Atlantic moonfish	46	[G]onger eel	45
		gizzard shad	47	Scup	46
		red hake	48	Spotfin butterflyfish	47
		northern stargazer	49	Red hake	48
		Atlantic herring	50	Banded sunfish	49
		southern kingfish	51	Striped anchovy	50
		striped killifish	52	Inshore lizardfish	51
		white mullet	53	Scrawled cowfish	52
		largemouth bass	54	Ladyfish	53
		striped blenny	55		
		banded rudderfish	56		
		American sand lance	57		
		ictalurus sp.	58		
		scup	59		
		striped anchovy	60		
		cobia	61		
		sheepshead minnow	62		

Species impinged and entrained at OCGS

	1976	1977	1978	1979	1980*	1981*	1982*	1983*	1985	2006
Atlantic croaker										
Atlantic silverside										
Atlantic menhaden										
bay anchovy										
northern pipefish										
tautog										
silver perch										
striped searobin										
winter flounder										
blueback herring										
feather blenny										
smallmouth flounder										
threespine stickleback										
Atlantic needlefish										
oyster toadfish										
American eel										
northern puffer										
weakfish										
bluefish										
striped cusk-eel										
naked goby										
black drum										
butterfish										
northern searobin										

Species impinged and entrained at OCGS

	1976	1977	1978	1979	1980*	1981*	1982*	1983*	1985	2006
spotted hake										
white perch										
summer flounder										
alewife										
windowpane										
gray snapper										
lined seahorse										
fourspot flounder										
crevalle jack										
cunner										
American shad										
northern kingfish										
mummichog										
inshore lizardfish										
hogchoker										
spot										
banded sunfish										
lookdown										
striped burrfish										
Atlantic moonfish										
gizzard shad										
red hake										
northern stargazer										
Atlantic herring										
southern kingfish										
striped killifish										
white mullet										
largemouth bass										
striped blenny										
banded rudderfish										
American sand lance										
ictalurus sp.										

Species impinged and entrained at OCGS

	1976	1977	1978	1979	1980*	1981*	1982*	1983*	1985	2006
scup										
striped anchovy										
cobia										
sheepshead minnow										
fourspine stickleback										
black seabass										
pumpkinseed										
grubby										
rough silverside										
silver hake										
black seabass										
inland silverside										
striped mullet										
banded killifish										
planehead filefish										
halfbeak										
seaboard goby										
Atlantic cod										
rock gunnel										
fourbeard rockling										
pollock										
agujon										
blue crab										
* limited species collected										
does not includes fish identified to family or genus										