

**APPENDIX B**

**FISHERIES DATA**



Table B-1. Species of fish, horseshoe crabs and blue crabs collected by trawl during spring sampling at Kelly Island. Num – number of individuals collected; ML – mean length; Min – minimum length; Max – maximum length																			
Species		Mahon River			KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
American eel	Num	9	6	7	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0
	ML	218	237	191	-	-	-	-	-	-	-	274	-	372	217	-	-	-	-
	Min	160	152	154	-	-	-	-	-	-	-	274	-	-	202	-	-	-	-
	Max	310	504	302	-	-	-	-	-	-	-	274	-	-	232	-	-	-	-
Bay anchovy	Num	6	0	0	0	0	1	0	0	0	3	1	0	0	1	2	4	21	0
	ML	66	-	-	-	-	76	-	-	-	69	75	-	-	70	135	77	77	-
	Min	50	-	-	-	-	-	-	-	-	61	-	-	-	-	87	71	56	-
	Max	73	-	-	-	-	-	-	-	-	74	-	-	-	-	183	82	96	-
Atlantic menhaden	Num	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ML	-	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alosid sp.	Num	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	1	0
	ML	-	-	-	-	-	-	-	-	-	-	-	50	-	-	-	37	40	-
	Min	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-
	Max	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-
Oyster toadfish	Num	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3	3	2
	ML	-	-	-	-	-	-	-	-	-	120	104	-	-	-	-	88	148	103
	Min	-	-	-	-	-	-	-	-	-	110	-	-	-	-	-	64	117	75
	Max	-	-	-	-	-	-	-	-	-	130	-	-	-	-	-	136	186	130
Spotted hake	Num	6	3	1	4	5	5	14	3	6	8	5	1	21	16	8	4	7	7
	ML	161	170	146	180	163	181	172	147	182	188	186	168	170	166	163	196	183	185
	Min	145	155	-	166	140	151	120	121	164	170	170	-	20	131	150	185	159	161
	Max	170	194	-	195	176	202	199	170	196	235	204	-	219	200	188	215	214	223
Striped cusk-eel	Num	9	0	0	4	7	27	9	12	1	3	7	5	8	10	1	0	0	5
	ML	137	-	-	118	141	120	132	121	105	200	182	189	165	129	133	-	-	202
	Min	105	-	-	108	111	82	75	72	-	179	99	120	75	65	-	-	-	106
	Max	195	-	-	124	205	210	229	222	-	211	222	222	211	201	-	-	-	249
Northern pipefish	Num	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	0
	ML	-	-	-	154	-	-	-	-	-	-	-	199	147	-	-	-	158	-

Table B-1. Cont'd																			
Species		Mahon River			KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Northern searobin	Num	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	3
	ML	-	-	-	-	-	-	-	-	-	55	-	-	-	58	-	-	100	86
	Min	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71
	Max	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104
Weakfish	Num	4	0	0	0	1	2	0	0	0	0	1	0	0	2	1	0	0	0
	ML	200	-	-	-	211	198	-	-	-	-	189	-	-	235	210	-	-	-
	Min	190	-	-	-	-	195	-	-	-	-	-	-	-	199	-	-	-	-
	Max	212	-	-	-	-	200	-	-	-	-	-	-	-	270	-	-	-	-
Spot	Num	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ML	-	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Striped bass	Num	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ML	-	-	125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black sea bass	Num	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0
	ML	-	-	-	-	-	-	-	-	-	-	111	-	-	-	-	111	-	-
	Min	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	-	-
	Max	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	-	-
Hogchoker	Num	20	107	65	20	5	7	3	2	4	16	22	6	15	6	13	66	116	117
	ML	76	107	95	68	86	54	67	90	69	70	73	60	75	71	87	81	83	81
	Min	52	48	53	37	52	46	54	88	49	50	40	48	53	48	50	42	40	45
	Max	120	195	162	100	170	75	91	92	93	145	138	85	94	93	147	185	163	152
Winter flounder	Num	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
	ML	-	-	-	-	-	-	-	-	-	-	-	-	36	-	42	-	-	-
Windowpane	Num	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ML	-	-	-	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Horseshoe crab - all	Num	2	0	0	0	0	0	0	0	0	2	0	0	9	2	5	1	2	0
	ML	205	-	-	-	-	-	-	-	-	213	-	-	223	187	218	285	243	-
	Min	200	-	-	-	-	-	-	-	-	195	-	-	175	182	194	-	190	-
	Max	210	-	-	-	-	-	-	-	-	230	-	-	269	191	242	-	296	-

Table 3-4. Cont'd																			
Species		Mahon River			KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Male	Num	1	0	0	0	0	0	0	0	0	1	0	0	5	2	4	0	1	0
	ML	200	-	-	-	-	-	-	-	-	195	-	-	209	187	213	-	190	-
	Min	-	-	-	-	-	-	-	-	-	-	-	-	192	182	194	-	-	-
	Max	-	-	-	-	-	-	-	-	-	-	-	-	220	191	225	-	-	-
Female	Num	1	0	0	0	0	0	0	0	0	1	0	0	4	0	1	1	1	0
	ML	210	-	-	-	-	-	-	-	-	230	-	-	241	-	242	285	296	-
	Min	-	-	-	-	-	-	-	-	-	-	-	-	175	-	-	-	-	-
	Max	-	-	-	-	-	-	-	-	-	-	-	-	269	-	-	-	-	-
Blue crab - all	Num	17	23	18	4	14	32	25	18	19	14	10	6	50	41	28	0	1	2
	ML	72	75	82	93	81	86	81	81	89	71	78	91	86	77	81	-	72	53
	Min	47	32	38	61	55	45	45	62	35	48	35	75	58	36	49	-	-	35
	Max	86	122	156	105	115	140	155	101	162	100	115	125	150	105	115	-	-	70
Male	Num	9	18	14	2	7	11	11	10	8	9	5	3	14	17	13	0	0	1
	ML	75	71	82	81	74	86	73	76	86	69	74	85	97	70	82	-	-	35
	Min	55	32	38	61	55	45	45	62	35	48	35	75	73	37	49	-	-	-
	Max	86	122	156	101	110	140	92	97	159	86	115	95	150	94	115	-	-	-
Female	Num	8	5	4	2	7	14	14	8	11	5	5	3	36	24	15	0	1	1
	ML	70	89	85	105	87	85	88	87	91	74	81	97	82	82	80	-	72	70
	Min	47	76	69	105	62	54	56	69	45	50	55	80	58	36	60	-	-	-
	Max	85	99	113	105	115	106	155	101	162	100	105	125	102	105	101	-	-	-



Table B-2. Cont'd																
Species		KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Winter flounder	Num	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	ML	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-
Horseshoe crab - all	Num	0	0	0	1	0	2	5	4	11	12	6	35	4	0	9
	ML	-	-	-	200	-	235	221	205	219	208	182	216	225	-	195
	Min	-	-	-	-	-	210	185	190	180	185	119	185	197	-	115
	Max	-	-	-	-	-	260	270	220	290	260	210	287	279	-	251
Male	Num	0	0	0	1	0	1	3	4	9	11	6	20	3	0	8
	ML	-	-	-	200	-	210	195	205	208	203	182	203	207	-	188
	Min	-	-	-	-	-	-	185	190	180	185	119	185	197	-	115
	Max	-	-	-	-	-	-	210	220	230	220	210	231	219	-	225
Female	Num	0	0	0	0	0	1	2	0	2	1	0	5	1	0	1
	ML	-	-	-	-	-	260	260	-	268	260	-	268	279	-	251
	Min	-	-	-	-	-	-	250	-	245	-	-	242	-	-	-
	Max	-	-	-	-	-	-	270	-	290	-	-	287	-	-	-
Blue crab - all	Num	1	0	1	0	1	5	1	2	3	2	0	0	2	5	12
	ML	76	-	51	-	90	60	NM	43	51	61	-	-	52	58	55
	Min	76	-	-	-	-	49	-	36	38	60	-	-	49	41	20
	Max	76	-	-	-	-	68	-	50	61	61	-	-	54	87	76
Male	Num	1	0	1	0	1	1	0	2	1	2	0	0	1	3	7
	ML	76	-	51	-	90	53	-	43	55	61	-	-	49	62	48
	Min	76	-	-	-	-	-	-	36	-	60	-	-	-	41	20
	Max	76	-	-	-	-	-	-	50	-	61	-	-	-	87	76
Female	Num	0	0	0	0	0	4	0	0	2	0	0	0	1	2	5
	ML	-	-	-	-	-	61	-	-	50	-	-	-	54	53	64
	Min	-	-	-	-	-	49	-	-	38	-	-	-	-	44	51
	Max	-	-	-	-	-	68	-	-	61	-	-	-	-	61	72

Table B-2. Cont'd

Species		KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Diamondback terrapin	Num	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
	ML	126	-	-	149	-	-	-	-	-	-	-	-	-	-	-
	Min	115	-	-	116	-	-	-	-	-	-	-	-	-	-	-
	Max	137	-	-	182	-	-	-	-	-	-	-	-	-	-	-



Species		Mahon River			KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
American eel	Num	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	ML	-	-	-	-	NM	-	-	-	-	-	-	-	-	-	-	-	-	-
Bay anchovy	Num	295	112	0	104	20	14	2	27	0	2	5	5	11	26	44	0	0	0
	ML	46	47	-	43	46	45	45	49	-	39	46	40	54	57	53	-	-	-
	Min	39	33	-	36	32	32	42	39	-	36	39	34	44	34	36	-	-	-
	Max	57	60	-	59	56	57	48	75	-	42	55	45	84	105	91	-	-	-
Oyster toadfish	Num	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	1	0	3
	ML	-	-	-	-	-	-	-	-	-	154	115	-	-	-	-	193	-	155
	Min	-	-	-	-	-	-	-	-	-	-	90	-	-	-	-	-	-	122
	Max	-	-	-	-	-	-	-	-	-	-	144	-	-	-	-	-	-	202
Striped cusk-eel	Num	0	0	0	0	0	1	4	2	2	1	2	2	0	0	0	2	1	1
	ML	-	-	-	-	-	166	145	175	180	183	193	174	-	-	-	188	236	164
	Min	-	-	-	-	-	-	103	172	168	-	191	152	-	-	-	174	-	-
	Max	-	-	-	-	-	-	178	177	192	-	194	196	-	-	-	202	-	-
Northern pipefish	Num	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	ML	-	-	-	-	-	-	-	-	115	-	-	-	-	-	-	-	-	-
Northern searobin	Num	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	ML	-	-	-	-	-	74	-	-	-	-	-	-	-	-	-	-	-	-
Black drum	Num	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ML	92	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Weakfish	Num	485	472	219	30	69	132	389	253	200	119	285	298	89	13	17	535	164	53
	ML	82	84	66	71	103	80	69	76	75	74	66	68	77	68	68	66	59	65
	Min	60	66	45	39	52	44	43	49	52	53	38	45	40	24	42	46	37	42
	Max	150	135	150	157	199	152	143	154	108	165	151	123	141	120	110	90	84	80
Spot	Num	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ML	-	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bluefish	Num	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
	ML	-	-	-	-	111	-	-	-	-	-	-	-	-	158	-	-	-	-

Table B-3. Cont'd																			
Species		Mahon River			KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Striped burrfish	Num	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ML	-	-	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern puffer	Num	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	ML	-	-	-	-	-	-	-	-	-	89	-	-	-	-	-	-	-	-
Hogchoker	Num	6	15	59	5	10	6	1	4	8	0	9	1	39	2	7	3	16	8
	ML	87	97	104	83	97	103	79	81	92	-	106	101	84	74	81	115	107	98
	Min	64	70	70	64	61	76	-	64	70	-	73	-	56	72	56	108	80	75
	Max	127	150	165	113	122	126	-	123	114	-	169	-	153	75	110	127	144	121
Winter flounder	Num	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	ML	-	-	55	-	-	-	-	68	-	-	-	-	-	-	-	-	-	-
	Min	-	-	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Max	-	-	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Summer flounder	Num	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	ML	-	-	325	-	-	-	-	-	-	-	-	-	-	-	-	353	152	-
Horseshoe crab - all	Num	0	0	0	2	1	0	2	0	0	2	2	2	0	0	0	0	0	1
	ML	-	-	-	218	195	-	247	-	-	216	268	211	-	-	-	-	-	240
	Min	-	-	-	186	-	-	226	-	-	201	266	209	-	-	-	-	-	-
	Max	-	-	-	250	-	-	267	-	-	231	269	212	-	-	-	-	-	-
Male	Num	0	0	0	1	1	0	1	0	0	1	0	2	0	0	0	0	0	0
	ML	-	-	-	186	195	-	226	-	-	201	-	211	-	-	-	-	-	-
	Min	-	-	-	-	-	-	-	-	-	-	-	209	-	-	-	-	-	-
	Max	-	-	-	-	-	-	-	-	-	-	-	212	-	-	-	-	-	-
Female	Num	0	0	0	1	0	0	1	0	0	1	2	0	0	0	0	0	0	1
	ML	-	-	-	250	-	-	267	-	-	231	268	-	-	-	-	-	-	240
	Min	-	-	-	-	-	-	-	-	-	-	266	-	-	-	-	-	-	-
	Max	-	-	-	-	-	-	-	-	-	-	269	-	-	-	-	-	-	-

Table B-3. Cont'd																			
Species		Mahon River			KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Blue crab - all	Num	4	8	44	48	30	40	21	22	15	4	8	17	21	1	17	12	4	8
	ML	129	117	99	98	104	99	110	110	102	121	114	111	88	100	88	113	121	111
	Min	116	95	60	62	53	39	72	64	72	107	106	88	39	-	42	58	104	82
	Max	150	135	140	160	149	163	156	148	148	146	124	142	160	-	142	149	146	139
Male	Num	2	6	13	17	17	17	13	13	12	4	3	14	9	1	13	8	2	3
	ML	135	115	94	102	102	104	115	112	107	121	121	112	110	100	93	116	139	124
	Min	120	95	60	66	53	39	73	72	72	107	119	88	56	-	42	76	131	114
	Max	150	135	140	160	149	163	156	146	148	146	124	142	160	-	142	149	146	131
Female	Num	1	2	11	8	8	8	8	9	3	0	5	3	12	0	4	4	2	5
	ML	116	123	104	91	109	90	104	108	82	-	110	105	71	-	70	107	104	103
	Min	-	110	70	62	60	60	72	64	78	-	106	98	39	-	49	58	104	82
	Max	-	135	130	142	141	162	151	148	91	-	117	109	100	-	87	144	104	139

Table B-4. Species of fish, horseshoe crabs and blue crabs collected by seine during summer sampling at Kelly Island. Num – number of individuals collected; ML – mean length; Min – minimum length; Max – maximum length																
Species		KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
American eel	Num	0	1	0	0	0	0	0	0	0	2	1	3	2	0	0
	ML	-	485	-	-	-	-	-	-	-	448	400	443	435	-	-
	Min	-	-	-	-	-	-	-	-	-	375	-	400	358	-	-
	Max	-	-	-	-	-	-	-	-	-	520	-	490	512	-	-
Atlantic menhaden	Num	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Max	55	-	58	-	-	-	-	-	-	-	-	-	-	-	-
Atlantic silverside	Num	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
	ML	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-
	Min	-	-	-	-	-	-	-	-	-	-	-	-	54	-	-
	Max	-	-	-	-	-	-	-	-	-	-	-	-	78	-	-
Northern stargazer	Num	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Max	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black drum	Num	0	0	0	0	0	0	0	1	0	0	0	1	3	0	0
	ML	-	-	-	-	-	-	-	113	-	-	-	98	97	-	-
	Min	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-
	Max	-	-	-	-	-	-	-	-	-	-	-	-	106	-	-
Weakfish	Num	71	5	19	16	7	13	7	2	5	119	20	90	18	28	4
	ML	79	67	77	75	75	74	82	77	80	81	76	76	74	75	69
	Min	55	53	69	66	55	55	69	69	47	48	49	61	16	54	52
	Max	115	80	88	85	99	93	102	85	101	135	129	95	118	114	84
White perch	Num	0	0	1	0	0	1	0	2	2	0	0	0	0	0	0
	ML	-	-	290	-	-	230	-	263	229	-	-	-	-	-	-
	Min	-	-	-	-	-	-	-	251	221	-	-	-	-	-	-
	Max	-	-	-	-	-	-	-	274	236	-	-	-	-	-	-
Striped bass	Num	1	0	0	0	1	1	1	0	0	0	0	2	0	0	0
	ML	255	-	-	-	NM	209	262	-	-	-	-	278	-	-	-
	Min	-	-	-	-	-	-	-	-	-	-	-	275	-	-	-
	Max	-	-	-	-	-	-	-	-	-	-	-	280	-	-	-

Table B-4. Cont'd																
Species		KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Hogchoker	Num	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
	ML	110	-	-	-	-	-	141	-	-	-	-	-	-	-	-
	Min	-	-	-	-	-	-	129	-	-	-	-	-	-	-	-
	Max	-	-	-	-	-	-	152	-	-	-	-	-	-	-	-
Winter flounder	Num	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Max	-	-	54	-	-	-	-	-	-	-	-	-	-	-	-
Summer flounder	Num	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Max	-	159	-	-	-	-	-	-	-	-	-	-	-	-	-
Horseshoe crab - all	Num	0	0	5	0	2	2	0	0	0	6	4	4	1	1	0
	ML	-	-	208	-	220	226	-	-	-	199	191	217	219	234	-
	Min	-	-	189	-	210	213	-	-	-	180	188	198	-	-	-
	Max	-	-	227	-	230	238	-	-	-	232	196	250	-	-	-
Male	Num	0	0	4	0	2	2	0	0	0	5	4	3	1	1	0
	ML	-	-	203	-	220	226	-	-	-	192	191	205	219	234	-
	Min	-	-	189	-	210	213	-	-	-	180	188	198	-	-	-
	Max	-	-	224	-	230	238	-	-	-	198	196	210	-	-	-
Female	Num	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0
	Max	-	-	227	-	-	-	-	-	-	232	-	250	-	-	-
Blue crab - all	Num	10	1	2	0	0	0	0	0	0	4	0	1	3	2	1
	ML	93	58	96	-	-	-	-	-	-	115	-	52	75	88	104
	Min	64	-	93	-	-	-	-	-	-	68	-	-	60	75	-
	Max	116	-	99	-	-	-	-	-	-	145	-	-	102	100	-
Male	Num	8	1	0	0	0	0	0	0	0	3	0	1	2	1	1
	ML	99	58	-	-	-	-	-	-	-	104	-	52	81	100	104
	Min	74	-	-	-	-	-	-	-	-	68	-	-	60	-	-
	Max	116	-	-	-	-	-	-	-	-	140	-	-	102	-	-

Table B-4. Cont'd

Species		KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Female	Num	2	0	2	0	0	0	0	0	0	1	0	0	1	1	0
	ML	71	-	96	-	-	-	-	-	-	145	-	-	64	75	-
	Min	64	-	93	-	-	-	-	-	-	-	-	-	-	-	-
	Max	78	-	99	-	-	-	-	-	-	-	-	-	-	-	-
Diamondback terrapin	Num	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	Max	-	-	-	-	-	-	118	-	-	-	-	-	-	-	-

Table B-5. Species of fish, horseshoe crabs and blue crabs collected by trawl during fall sampling at Kelly Island.  
 Num – number of individuals collected; ML – mean length; Min – minimum length; Max – maximum length

Species		Mahon River			KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Clearence skate	Num	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	ML	-	-	-	-	-	-	-	-	-	-	-	-	580	-	-	-	-	-
American eel	Num	3	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
	ML	282	205	-	-	-	402	-	-	-	-	-	-	-	-	-	390	-	-
	Min	180	185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Max	460	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bay anchovy	Num	4	14	87	2	1	0	0	1	9	66	37	11	0	1	4	6	5	0
	ML	57	60	60	51	49	-	-	-	68	72	71	72	-	57	62	69	64	-
	Min	33	48	38	47	-	-	-	-	54	56	47	45	-	-	56	47	56	-
	Max	81	83	75	55	-	-	-	-	80	95	93	95	-	-	71	87	72	-
Atlantic menhaden	Num	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ML	-	-	116	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alosid sp.	Num	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ML	-	-	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oyster toadfish	Num	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	21	1
	ML	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	161	162	103
	Min	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	116	115	-
	Max	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	280	212	-
Striped cusk-eel	Num	15	5	0	0	2	7	2	3	0	1	0	0	1	5	0	0	0	0
	ML	158	163	-	-	175	201	167	151	-	155	-	-	210	157	-	-	-	-
	Min	145	149	-	-	166	168	149	144	-	-	-	-	-	145	-	-	-	-
	Max	177	186	-	-	183	232	184	155	-	-	-	-	-	166	-	-	-	-
Northern pipefish	Num	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	ML	176	166	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	220
	Min	161	129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Max	190	192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table B-5. Cont'd																			
Species		Mahon River			KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Northern searobin	Num	1	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	ML	66	57	56	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-
	Min	-	42	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Max	-	71	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black drum	Num	8	8	2	2	1	0	2	2	2	3	2	1	2	1	6	0	0	2
	ML	160	172	172	178	186	-	197	155	173	193	177	162	218	180	195	-	-	176
	Min	135	117	168	165	-	-	176	132	130	182	161	-	205	-	174	-	-	158
	Max	183	204	175	190	-	-	217	178	216	205	193	-	230	-	216	-	-	194
Atlantic croaker	Num	1525	1060	1075	2305	1416	356	755	376	1185	345	631	909	446	304	1002	116	1352	3000
	ML	52	48	40	41	30	37	31	29	43	27	30	28	29	39	35	27	30	32
	Min	26	21	17	20	19	25	20	21	21	17	19	19	21	20	20	20	19	20
	Max	76	75	75	85	68	74	57	41	275	61	60	38	50	89	73	57	77	65
Weakfish	Num	4	2	0	5	0	0	2	4	1	2	2	0	1	1	2	0	0	0
	ML	130	108	-	113	-	-	118	139	133	169	156	-	117	111	120	-	-	-
	Min	115	87	-	87	-	-	115	131	-	105	97	-	-	-	115	-	-	-
	Max	157	128	-	127	-	-	120	149	-	233	214	-	-	-	124	-	-	-
Silver perch	Num	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0
	ML	-	-	-	136	-	-	-	-	-	-	-	-	-	135	135	-	-	-
White perch	Num	2	5	2	5	4	1	3	1	6	3	0	1	12	21	24	9	11	6
	ML	218	187	208	189	202	185	198	206	176	198	-	168	195	204	201	214	205	225
	Min	210	165	193	177	186	-	177	-	165	176	-	-	142	172	166	185	181	179
	Max	225	201	222	201	232	-	211	-	183	231	-	-	224	262	247	246	247	261
Striped bass	Num	0	0	0	0	0	0	1	1	1	1	0	1	0	1	1	0	1	0
	ML	-	-	-	-	-	-	195	236	142	236	-	227	-	266	235	-	255	-
Black sea bass	Num	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	2
	ML	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	162	223	179
	Min	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	188	178
	Max	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	284	180



Table B-5. Cont'd

Species		Mahon River			KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Hogchoker	Num	35	5	7	0	3	0	0	1	4	3	2	0	1	0	1	0	1	5
	ML	83	151	74	-	108	-	-	130	121	147	88	-	105	-	111	-	155	107
	Min	30	139	27	-	91	-	-	-	99	139	87	-	-	-	-	-	-	95
	Max	166	161	150	-	133	-	-	-	148	156	88	-	-	-	-	-	-	130
Smallmouth flounder	Num	3	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ML	68	63	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Min	62	45	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Max	79	81	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Horseshoe crab female	Num	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	2	0	0
	ML	-	-	-	118	237	-	-	-	-	-	-	-	-	-	-	177	-	-
	Min	-	-	-	115	-	-	-	-	-	-	-	-	-	-	-	170	-	-
	Max	-	-	-	121	-	-	-	-	-	-	-	-	-	-	-	184	-	-
Blue crab - all	Num	59	29	25	63	29	58	20	13	32	2	3	5	48	40	54	0	3	6
	ML	56	59	55	65	61	65	67	74	68	70	72	68	62	66	63	-	67	57
	Min	27	30	15	30	40	41	45	44	41	55	45	55	31	40	38	-	39	43
	Max	122	130	80	92	83	91	88	93	95	84	90	76	95	93	92	-	88	72
Male	Num	34	19	13	39	13	38	12	8	18	2	0	2	24	18	32	0	2	5
	ML	55	62	56	66	57	63	65	71	70	70	-	61	62	67	61	-	57	58
	Min	27	35	15	41	40	41	45	44	41	55	-	55	44	40	38	-	39	43
	Max	90	130	76	90	83	82	88	91	95	84	-	66	83	93	86	-	74	72
Female	Num	25	10	12	24	16	20	8	5	14	0	3	3	24	22	22	0	1	1
	ML	59	53	54	65	65	70	69	78	66	-	72	73	62	65	66	-	88	51
	Min	32	30	32	30	45	51	50	68	50	-	45	69	31	50	48	-	-	-
	Max	122	65	80	92	81	91	81	93	91	-	90	76	95	92	92	-	-	-

Table B-6. Species of fish, horseshoe crabs and blue crabs collected by seine during fall sampling at Kelly Island.																
Num – number of individuals collected; ML – mean length; Min – minimum length; Max – maximum length																
Species		KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
American eel	Num	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	ML	-	-	-	-	-	-	620	-	-	-	-	-	-	-	-
Bay anchovy	Num	0	0	0	23	3	0	0	0	0	14	30	0	0	0	0
	ML	-	-	-	56	49	-	-	-	-	61	56	-	-	-	-
	Min	-	-	-	28	31	-	-	-	-	31	35	-	-	-	-
	Max	-	-	-	78	70	-	-	-	-	90	79	-	-	-	-
Striped killifish	Num	0	0	1	0	0	0	0	0	0	0	0	0	5	1	0
	ML	-	-	68	-	-	-	-	-	-	-	-	-	73	89	-
	Min	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-
	Max	-	-	-	-	-	-	-	-	-	-	-	-	102	-	-
Mummichog	Num	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	ML	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-
Atlantic silverside	Num	0	1	1	1	0	0	0	0	0	9	7	7	0	0	2
	ML	-	67	100	86	-	-	-	-	-	77	78	85	-	-	91
	Min	-	-	-	-	-	-	-	-	-	56	61	63	-	-	83
	Max	-	-	-	-	-	-	-	-	-	88	89	95	-	-	99
Northern pipefish	Num	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	ML	-	-	-	-	-	-	-	-	-	-	128	-	-	-	-
Northern searobin	Num	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	ML	-	-	-	-	-	-	-	-	-	-	54	-	-	-	-
Atlantic croaker	Num	0	0	0	0	0	0	0	0	0	22	5	1	0	0	0
	ML	-	-	-	-	-	-	-	-	-	37	62	27	-	-	-
	Min	-	-	-	-	-	-	-	-	-	22	56	-	-	-	-
	Max	-	-	-	-	-	-	-	-	-	56	71	-	-	-	-
Weakfish	Num	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	ML	-	-	-	-	30	-	-	-	-	-	-	-	-	-	-
White perch	Num	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0
	ML	127	-	-	-	-	335	-	-	194	-	-	-	-	-	-

Table B-6. Cont'd																
Species		KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Striped bass	Num	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	ML	-	-	-	-	-	-	-	-	-	-	-	-	-	-	179
	Min	-	-	-	-	-	-	-	-	-	-	-	-	-	-	116
	Max	-	-	-	-	-	-	-	-	-	-	-	-	-	-	241
Blue crab - all	Num	0	6	1	4	0	1	0	0	1	22	22	55	7	8	12
	ML	-	50	62	61	-	74	-	-	40	56	52	60	53	57	46
	Min	-	36	-	49	-	-	-	-	-	30	21	47	30	33	34
	Max	-	59	-	82	-	-	-	-	-	91	75	78	72	85	67
Male	Num	0	3	0	2	0	0	0	0	1	10	13	11	5	7	5
	ML	-	51	-	51	-	-	-	-	40	61	52	61	60	57	45
	Min	-	36	-	49	-	-	-	-	-	45	21	51	52	33	35
	Max	-	59	-	52	-	-	-	-	-	91	75	78	72	85	51
Female	Num	0	3	1	2	0	1	0	0	0	12	9	14	2	1	7
	ML	-	49	62	72	-	74	-	-	-	53	53	58	36	56	46
	Min	-	40	-	62	-	-	-	-	-	30	36	47	30	-	34
	Max	-	58	-	82	-	-	-	-	-	67	71	68	41	-	67

Species		Mahon River			KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
American eel	Num	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	ML	-	-	-	-	-	-	-	-	-	-	-	210	-	-	-	-	-	-
Bay anchovy	Num	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	ML	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-	-	-	-
Gizzard shad	Num	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	ML	-	124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	155	-
Oyster toadfish	Num	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	ML	-	-	-	-	-	-	-	-	66	-	-	-	-	-	-	-	-	-
Spotted hake	Num	0	0	0	3	0	0	0	0	2	2	2	4	2	0	0	0	0	0
	ML	-	-	-	88	-	-	-	-	79	81	70	78	59	-	-	-	-	-
	Min	-	-	-	75	-	-	-	-	76	80	68	68	55	-	-	-	-	-
	Max	-	-	-	104	-	-	-	-	82	81	72	90	62	-	-	-	-	-
Striped cusk-eel	Num	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	ML	-	-	-	-	-	-	80	-	-	-	-	-	-	-	-	-	-	-
Atlantic silverside	Num	0	0	0	2	0	0	0	0	0	0	0	0	0	5	2	0	0	0
	ML	-	-	-	98	-	-	-	-	-	-	-	-	-	79	72	-	-	-
	Min	-	-	-	96	-	-	-	-	-	-	-	-	-	58	68	-	-	-
	Max	-	-	-	99	-	-	-	-	-	-	-	-	-	113	76	-	-	-
Black drum	Num	1	1	0	0	1	1	4	0	1	2	6	2	0	0	0	0	0	0
	ML	180	129	-	-	170	190	161	-	210	155	163	177	-	-	-	-	-	-
	Min	-	-	-	-	-	-	130	-	-	150	142	166	-	-	-	-	-	-
	Max	-	-	-	-	-	-	175	-	-	160	185	187	-	-	-	-	-	-
Atlantic croaker	Num	17	90	21	158	361	1006	1655	249	376	215	624	617	98	46	21	61	70	197
	ML	34	31	27	24	28	35	33	43	50	33	40	32	29	30	27	27	25	31
	Min	22	21	20	18	20	21	20	30	28	20	24	21	21	21	19	13	20	21
	Max	91	55	50	35	53	58	88	86	102	62	89	45	42	55	37	36	32	40



Table B-7. Cont'd

Species		Mahon River			KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Female	Num	0	3	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0
	ML	-	43	-	-	-	34	31	-	-	-	-	-	-	-	-	-	73	-
	Min	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Max	-	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Species		KI South			KI Central			KI North			Ref South			Ref North		
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
Gizzard shad	Num	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	ML	-	-	-	-	-	-	-	77	146	-	-	-	-	-	-
Striped killifish	Num	0	0	0	0	0	0	0	0	1	0	1	0	0	1	2
	ML	-	-	-	-	-	-	-	-	89	-	81	-	-	99	84
	Min	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
	Max	-	-	-	-	-	-	-	-	-	-	-	-	-	-	103
Atlantic silverside	Num	1	0	1	0	0	0	2	0	0	6	0	1	0	16	3
	ML	108	-	109	-	-	-	82	-	-	90	-	110	-	92	90
	Min	-	-	-	-	-	-	73	-	-	71	-	-	-	70	87
	Max	-	-	-	-	-	-	91	-	-	110	-	-	-	196	95
Striped mullet	Num	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	ML	215	-	-	-	-	-	-	-	-	-	-	-	194	-	-
White perch	Num	2	0	0	1	1	0	1	0	0	2	0	0	0	0	0
	ML	218	-	-	189	135	-	213	-	-	124	-	-	-	-	-
	Min	201	-	-	-	-	-	-	-	-	105	-	-	-	-	-
	Max	234	-	-	-	-	-	-	-	-	143	-	-	-	-	-