

Estuarine Algae Data (Chlorophyll concentration)

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2; Sites 1A, 1B and 1 = Zone 3

Summer
2004

Site	Av. Chl a (ug m ⁻²)	Av. Chl b (ug m ⁻²)	Av. Chl c (ug m ⁻²)	Av. Total Chl (ug m ⁻²)
Site 1A	132767	37344	36917	207028
Site 1B	76919	24700	23245	119506
Site 1	19093	9322	8957	37372
Site 3	51593	36588	27691	115872
Site 4	43976	17053	19203	80233
Site 6	10497	8117	7654	26268
Site 7	88749	26736	27108	142593
Site 10	50551	15766	17613	83930
Site 11	541179	37304	77194	655678
Site 12	202817	43428	36841	283085
Site 15	30418	9814	12138	52370
Site 17	34463	19278	19568	73309
Site 18	7879	5982	3916	17776
Site 20	102956	34682	35267	172906
Site 21	13632	6189	6503	26324
Site 22	18712	9351	10638	38702
Site 23	6301	6326	6305	18932
Site 24	32259	21411	25960	79630
Site 25	19256	13375	14533	47164

Autumn
2004

Site	Av. Chl a (ug m ⁻²)	Av. Chl b (ug m ⁻²)	Av. Chl c (ug m ⁻²)	Av. Total Chl (ug m ⁻²)
Site 1A	89621	23902	25226	138749
Site 1B	25122	12495	12113	49730
Site 1	52722	19469	20666	92857
Site 3	12127	5469	5910	23506
Site 4	13508	7551	8490	29548
Site 6	43844	15721	16164	75729
Site 7	87602	34339	45435	167376
Site 10	104356	25753	28375	158485
Site 11	152620	36885	45171	234677
Site 12	392385	41985	73400	507769
Site 15	64661	18121	22564	105346
Site 17	17809	9786	10533	38128
Site 18	2209	4187	4158	10554
Site 20	122452	28160	29674	165708
Site 21	58773	28505	28523	115802
Site 22	46545	9319	13502	69366
Site 23	8491	6861	7426	22778
Site 24	48927	16307	22187	87422
Site 25	26966	8408	10854	46227

Spring
2005

Site	Av. Chl a (ug m ⁻²)	Av. Chl b (ug m ⁻²)	Av. Chl c (ug m ⁻²)	Av. Total Chl (ug m ⁻²)
Site 1A	72494	40767	36524	149786
Site 1B	80869	23665	26606	144090
Site 1	53032	22258	25110	100400
Site 3	61610	19752	22455	103817
Site 4	5740	4107	5091	14938
Site 6	129205	45551	59147	233903
Site 7	161955	31560	24494	218009
Site 10	105472	22124	25823	153420
Site 11	67001	14534	4784	86319
Site 12	22855	8395	11938	43188
Site 15	42277	8519	11795	62591
Site 17	129465	30020	32695	192181
Site 18	71772	12719	16546	101037
Site 20	100937	24419	28176	153532
Site 21	72785	18641	21584	113010
Site 22	20683	9815	11632	42130
Site 23	11739	4238	5159	21136
Site 24	53923	12103	13910	79935
Site 25	7047	9578	11556	28181

Summer
2005

Site	Av. Chl a (ug m ⁻²)	Av. Chl b (ug m ⁻²)	Av. Chl c (ug m ⁻²)	Av. Total Chl (ug m ⁻²)
Site 1A	169851	22647	28787	221284
Site 1B	93603	13199	17970	95811
Site 1	320432	30000	58381	408813
Site 3	402244	31739	65679	499661
Site 4	4105	3168	3500	10773
Site 6	22372	7736	9425	39533
Site 7	10284	5868	7015	23167
Site 10	751603	71768	107478	930849
Site 11	404846	36399	70248	511493
Site 12	215024	30061	47543	292628
Site 15	110673	11597	25078	147349
Site 17	29824	7523	9839	47185
Site 18	26550	7251	9409	43211
Site 20	199918	33337	49053	282308
Site 21	37393	8519	12670	58582
Site 22	31153	7898	11070	50121
Site 23	39054	4832	9968	53853
Site 24	48568	9485	15492	73545
Site 25	14258	5114	6943	26315

Estuarine Algae Data (Chlorophyll concentration)

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2; Sites 1A, 1B and 1 = Zone 3

Autumn
2005

Site	Av. Chl a ($\mu\text{g m}^{-2}$)	Av. Chl b ($\mu\text{g m}^{-2}$)	Av. Chl c ($\mu\text{g m}^{-2}$)	Av. Total Chl ($\mu\text{g m}^{-2}$)
Site 1A	32393	13794	13125	59312
Site 1B	23409	9675	16278	63860
Site 1	21833	7621	9416	38869
Site 3	71587	17719	21645	110951
Site 4	7885	5559	6547	19991
Site 6	7773	5931	7113	20817
Site 7	85215	19539	22686	127440
Site 10	70806	13799	15764	100368
Site 11	70932	15626	19513	106071
Site 12	96034	25760	24499	146293
Site 15	61460	13026	15656	90142
Site 17	37480	105725	63748	206953
Site 18	1167	2421	2473	6061
Site 20	180907	13592	26292	220791
Site 21	12252	5863	7067	25181
Site 22	28890	8676	10141	47707
Site 23	7929	2887	3069	13884
Site 24	21716	6090	6448	34254
Site 25	9081	3785	4062	13900

Spring
2006

Site	Av. Chl a ($\mu\text{g m}^{-2}$)	Av. Chl b ($\mu\text{g m}^{-2}$)	Av. Chl c ($\mu\text{g m}^{-2}$)	Av. Total Chl ($\mu\text{g m}^{-2}$)
Site 3	66158	10274	12978	87668
Site 4	3394	1101	1376	5871
Site 6	20756	3308	5352	29415
Site 7	88628	7041	14058	109727
Site 10	44733	6280	9406	60420
Site 11	34947	4896	8101	47944
Site 12	17878	4564	6455	28897
Site 15	30852	1966	4463	37280
Site 17	1916	1541	1219	4676
Site 18	3465	2436	2637	8537
Site 21	6345	1970	3025	11341
Site 23	6642	2238	2603	11484
Site 25	5762	2771	3351	11884

Summer
2006

Site	Av. Chl a ($\mu\text{g m}^{-2}$)	Av. Chl b ($\mu\text{g m}^{-2}$)	Av. Chl c ($\mu\text{g m}^{-2}$)	Av. Total Chl ($\mu\text{g m}^{-2}$)
Site 3	291942	31682	48802	372426
Site 4	7316	4084	3252	14652
Site 6	4902	4295	3263	12459
Site 7	255169	18116	38057	311342
Site 10	142042	17726	27371	187138
Site 11	30335	9397	8956	48688
Site 12	65766	23113	12657	101535
Site 15	180843	18640	30210	229693
Site 17	4509	4583	2370	9733
Site 18	17004	7648	5546	30199
Site 21	11811	5252	5869	22932
Site 23	15075	5869	6618	27562
Site 25	6627	2758	3082	12467

Autumn
2006

Site	Av. Chl a ($\mu\text{g m}^{-2}$)	Av. Chl b ($\mu\text{g m}^{-2}$)	Av. Chl c ($\mu\text{g m}^{-2}$)	Av. Total Chl ($\mu\text{g m}^{-2}$)
Site 3	49302	45053	-307	94047
Site 4	2926	5852	4122	12899
Site 6	3538	6219	3831	13588
Site 7	52835	26766	4056	83657
Site 10	43957	25161	4996	74114
Site 11	29904	6996	106751	143651
Site 12	6339	12141	2754	21234
Site 15	47844	20410	2266	70520
Site 17	3942	8245	4676	15512
Site 18	92	2638	2393	5124
Site 21	100118	69644	7156	176918
Site 23	4724	5051	1950	11725
Site 25	13297	11942	6643	31882

Spring
2007

Site	Av. Chl a ($\mu\text{g m}^{-2}$)	Av. Chl b ($\mu\text{g m}^{-2}$)	Av. Chl c ($\mu\text{g m}^{-2}$)	Av. Total Chl ($\mu\text{g m}^{-2}$)
Site 3	81381	12850	18726	112957
Site 4	3482	1904	1870	7256
Site 6	40890	5630	7933	54453
Site 7	47793	9087	10972	67852
Site 10	24383	6778	8100	39261
Site 11	5238	3282	3299	11818
Site 12	24207	4090	8045	36341
Site 15	105557	20950	21734	148240
Site 17	77260	13035	14752	105046
Site 18	21419	4590	5322	31331
Site 21	70582	11612	14272	96467
Site 23	94920	13229	18756	126905
Site 25	33481	9272	12633	55386

Summer 2004

Site	1	1.A	1.B	3	4	6	7	10	11	12	15	17	20	21	22	23	24	25
Species No.	Percentage of total population																	
87 - <i>Fragilaria capucina</i> var. <i>vaucheriae</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88 - <i>Nitzschia palea</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89 - <i>Gomphonema rhombicum</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90 - <i>Navicula radiosa</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91 - <i>Stauroneis</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94 - <i>Navicula menisculus</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95 - <i>Cocconeis scutellum</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96 - <i>Pleurosigma</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97 - <i>Navicula tripunctata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98 - <i>Diploneis</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100 - <i>Neidium</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101 - <i>Fragilaria</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102 - <i>Surirella</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105 - <i>Achnanthes lanceolata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107 - <i>Rhoicosphenia abbreviata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108 - <i>Fragilaria parasitica</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109 - <i>Pinnularia</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110 - <i>Cymbella</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111 - <i>Navicula stroemii</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112 - <i>Navicula pipele</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113 - <i>Cocconeis pediculus</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114 - <i>Fragilaria capucina</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115 - <i>Gomphonema angustum</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117 - <i>Achnanthes coarctata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120 - <i>Caloneis</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121 - <i>Rhopalodia</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Euglena</i> Spp.	10.0	5.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0	30.0	5.0	35.0
<i>Phacus</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Crucigenia</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chroococcus</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Oscillatoria</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Scenedesmus</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pediastrum tetras</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chlamydomonas</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chlorella</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Trachelomonas</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Cryptomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chroomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid flagellate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chlorophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chlorococcales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Closterium</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Lagerheima</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dinophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rhodomonas</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Peridinium</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Oocystis</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Tetrastrum</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Autumn 2004

Site	1	1.A	1.B	3	4	6	7	10	11	12	15	17	20	21	22	23	24	25	
Species No.	Percentage of total population																		
87 - <i>Fragilaria capucina</i> var. <i>vaucheriae</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88 - <i>Nitzschia palea</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89 - <i>Gomphonema rhombicum</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90 - <i>Navicula radiosa</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91 - <i>Stauroneis</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94 - <i>Navicula menisculus</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95 - <i>Cocconeis scutellum</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96 - <i>Pleurosigma</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97 - <i>Navicula tripunctata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98 - <i>Diploneis</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100 - <i>Neidium</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101 - <i>Fragilaria</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102 - <i>Surirella</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105 - <i>Achnanthes lanceolata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107 - <i>Rhoicosphenia abbreviata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108 - <i>Fragilaria parasitica</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109 - <i>Pinnularia</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110 - <i>Cymbella</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111 - <i>Navicula stroemii</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112 - <i>Navicula pipele</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113 - <i>Cocconeis pediculus</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114 - <i>Fragilaria capucina</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115 - <i>Gomphonema angustum</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117 - <i>Achnanthes coarctata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120 - <i>Caloneis</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121 - <i>Rhopalodia</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Euglena</i> Spp.	5.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	2.0	0.0	0.0	7.0	0.0	0.0
<i>Phacus</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
<i>Crucigenia</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chroococcus</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Oscillatoria</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Scenedesmus</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
<i>Pediastrum tetras</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chlamydomonas</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chlorella</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Trachelomonas</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Cryptomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chroomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid flagellate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chlorophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chlorococcales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Closterium</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Lagerheima</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dinophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rhodomonas</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Peridinium</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Oocystis</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Tetrastrum</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Spring 2005

Site	1	1.A	1.B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25
Species No.	Percentage of total population																		
87 - <i>Fragilaria capucina</i> var. <i>vaucheriae</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88 - <i>Nitzschia palea</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89 - <i>Gomphonema rhombicum</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90 - <i>Navicula radiosa</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91 - <i>Stauroneis</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94 - <i>Navicula menisculus</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95 - <i>Cocconeis scutellum</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96 - <i>Pleurosigma</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97 - <i>Navicula tripunctata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98 - <i>Diploneis</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100 - <i>Neidium</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101 - <i>Fragilaria</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102 - <i>Surirella</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105 - <i>Achnanthes lanceolata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107 - <i>Rhoicosphenia abbreviata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108 - <i>Fragilaria parasitica</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109 - <i>Pinnularia</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110 - <i>Cymbella</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111 - <i>Navicula stroemii</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112 - <i>Navicula pipele</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113 - <i>Cocconeis pediculus</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114 - <i>Fragilaria capucina</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115 - <i>Gomphonema angustum</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117 - <i>Achnanthes coarctata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120 - <i>Caloneis</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121 - <i>Rhopalodia</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Euglena</i> Spp.	14.8	4.2	6.4	2.6	1.9	2.9	1.0	1.0	0.0	0.0	0.0	0.6	0.0	0.7	0.7	1.9	0.0	1.8	26.8
<i>Phacus</i> Spp.	10.2	3.7	3.2	3.4	Phacus	5.7	0.0	0.0	0.0	0.0	0.7	0.6	0.0	0.0	0.0	1.3	2.6	0.0	24.4
<i>Crucigenia</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chroococcus</i> Spp.	8.6	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Oscillatoria</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Scenedesmus</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pediastrum tetras</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chlamydomonas</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chlorella</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Trachelomonas</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Cryptomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chroomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
unknown	0.8	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid flagellate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chlorophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chirococcales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Closterium</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Lagerheima</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dinophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rhodomonas</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Peridinium</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Oocystis</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Tetrastrum</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer 2005

Site	1	1.A	1.B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25	
Species No.	Percentage of total population																			
87 - <i>Fragilaria capucina</i> var. <i>vaucheriae</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88 - <i>Nitzschia palea</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89 - <i>Gomphonema rhombicum</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90 - <i>Navicula radiosa</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91 - <i>Stauroneis</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94 - <i>Navicula menisculus</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95 - <i>Cocconeis scutellum</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96 - <i>Pleurosigma</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97 - <i>Navicula tripunctata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98 - <i>Diploneis</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100 - <i>Neidium</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101 - <i>Fragilaria</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102 - <i>Surirella</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105 - <i>Achnanthes lanceolata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107 - <i>Rhoicosphenia abbreviata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108 - <i>Fragilaria parasitica</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109 - <i>Pinnularia</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110 - <i>Cymbella</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111 - <i>Navicula stroemii</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112 - <i>Navicula pipele</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113 - <i>Cocconeis pediculus</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114 - <i>Fragilaria capucina</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115 - <i>Gomphonema angustum</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117 - <i>Achnanthes coarctata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120 - <i>Caloneis</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121 - <i>Rhopalodia</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Euglena</i> Spp.	0.0	0.5	2.3	1.3	10.4	8.1	4.6	0.0	0.6	0.0	1.7	4.4	1.6	0.0	1.2	1.3	0.0	0.0	0.0	0.0
<i>Phacus</i> Spp.	0.0	0.0	0.6	0.0	4.4	7.1	2.0	0.0	0.0	2.3	0.0	1.3	0.0	0.0	0.6	0.7	0.0	0.0	0.0	0.0
<i>Crucigenia</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
<i>Chroococcus</i> Spp.	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Oscillatoria</i> Spp.	0.0	1.1	18.0	0.0	1.1	0.0	0.0	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Scenedesmus</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pediastrum tetras</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chlamydomonas</i> Spp.	0.0	0.0	0.0	0.0	62.6	9.1	11.9	0.0	0.6	0.0	0.0	7.0	4.8	0.0	2.4	1.3	4.1	0.7	12.7	0.0
<i>Chlorella</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Trachelomonas</i> Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
<i>Cryptomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chroomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid flagellate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chlorophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chirococcales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Closterium</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Lagerheima</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dinophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rhodomonas</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Perdinium</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Oocystis</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Tetrastrum</i> sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Autumn 2005

Site	1	1.A	1.B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	25	
Species No.	Percentage of total population																		
90 - Navicula radiosa	0.0	0.0	0.0	0.0	0.0	6.0	11.7	1.3	0.9	0.3	0.6	4.4	0.0	0.3	0.0	1.0	0.0	1.1	
91 Stauroneis Spp.	1.4	1.1	0.0	0.3	0.6	0.0	0.9	0.0	0.0	0.9	1.2	0.3	0.7	4.6	0.6	0.0	0.0	0.0	
94 - Navicula menisculus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
95 - Cocconeis scutellum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
96 - Pleurosigma sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
97 - Navicula tripunctata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
98 - Diploneis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
100 -Neidium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
101 -Fragilaria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
102 - Surirella	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
105 -Achnanthes lanceolata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
107 -Rhoicosphenia abbreviata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
108 -Fragilaria parasitica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
109 -Pinnularia sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
110 -Cymbella sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
111 -Navicula stroemii	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
112 - Navicula pipele	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
113 -Cocconeis pediculus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
114 -Fragilaria capucina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
115 - Gomphonema angustum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
117 - Achnanthes coarctata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
120 -Caloneis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
121 -Rhopalodia sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Euglena Spp.	3.2	6.5	5.0	2.5	5.8	6.1	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	1.2	
Phacus Spp.	1.1	1.3	1.9	1.2	3.5	3.6	0.0	0.0	0.6	0.0	0.6	0.6	0.0	0.6	0.0	0.0	0.0	0.0	
Crucigenia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Chroococcus Spp.	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Oscillatoria Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Scenedesmus Spp.	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pediastrum tetras	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Chlamydomonas Spp.	4.3	0.0	0.0	1.2	1.2	9.7	1.1	1.2	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	
Chlorella Spp.	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.3	3.0	0.0	0.0	0.0	0.0	1.2	
Trachelomonas Spp.	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Cryptomonas	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Chroomonas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	
unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	
Unid flagellate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Unid chlorophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Unid chroococcales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Closterium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Lagerheima sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Dinophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Rhodomonas sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Perdinium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Oocystis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Tetrastrum sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Estuarine Algae Data (Community composition)

Spring 2006													
Sites	3	4	6	7	10	11	12	15	17	18	21	23	25
Species No.	Percentage of total population												
1- Navicula phyllepta	10.3	2.5	2.9	2.5	2.5	1.5	1.0	2.0	2.6	1.0	10.2	5.8	4.5
2- Coscinodiscus Spp.	3.1	0.5	1.0	0.9	0.3	1.5	0.0	0.0	0.0	0.0	1.5	2.9	0.0
3- Pinnularia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4- Gyrosigma Spp.	0.6	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	2.9	0.0	0.0
5- Navicula pygmaea	0.0	0.5	0.0	0.3	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.9	0.0
6- Navicula gregaria	5.3	0.7	0.7	2.2	2.8	0.9	1.6	1.5	5.1	0.0	10.2	3.2	0.0
7 Gomphonema Spp.	0.3	0.5	0.0	0.6	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
8- Tryblionella Spp.	0.6	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9- Fragilaria elliptica	17.2	2.3	5.9	3.4	3.4	6.2	0.0	2.3	2.6	0.5	5.8	13.1	1.2
12 Cyclotella Spp.	3.4	0.0	2.0	0.6	0.6	2.8	0.6	0.9	5.1	1.4	1.5	7.0	2.4
14- Caloneis amphibaena	0.6	5.6	4.9	1.6	0.0	1.2	1.3	0.0	2.6	0.0	1.5	0.9	0.6
16- Achnanthes Spp.	0.6	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17- Diatoma Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18- Cymbella Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19- Cocconeis placentula	0.3	0.5	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.9	0.0
20- Surirella Spp.	0.9	0.2	0.0	0.0	0.3	0.6	0.0	0.0	0.0	1.0	0.0	0.9	0.6
21 Navicula capitata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25- Fragilaria Spp.	0.9	0.0	2.3	0.6	0.0	0.3	0.0	0.0	0.0	0.0	10.2	0.9	0.0
29- Navicula Spp.	0.6	0.2	1.0	0.9	1.6	0.6	0.6	0.3	2.6	0.5	2.9	2.6	0.0
30- Unid. diatom 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32- Craticula Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33- Stauroneis salina	0.3	0.0	0.0	0.0	0.3	0.3	0.0	0.9	0.0	1.0	2.9	1.2	0.6
34- Eunotia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35 Navicula Cinta	7.2	11.5	13.7	4.4	3.1	4.9	3.2	3.2	8.9	13.3	33.5	7.3	9.6
36 Navicula Rhynchocephala	37.0	21.7	56.9	79.1	82.2	71.1	90.0	82.9	33.2	72.9	0.0	41.6	76.4
37- Planothidium Spp.	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
38- Ctenophora Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39- Unid. diatom 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40- Triceratium Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41 Synedra Spp..	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42- Frustulia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43- Amphora Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45- Stephanodiscus Spp.	1.9	0.5	0.7	0.0	0.3	0.6	0.0	0.0	2.6	1.4	1.5	2.6	0.0
46- Actinoptychus Spp.	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47- Navicula duerrenbergiana	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48- Unid. diatom 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0
49- Brachysira Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50 - Nitzschia spp.	1.3	0.2	0.0	0.9	0.3	1.2	0.0	0.0	1.3	0.5	2.9	1.2	0.9
54- Unid. diatom 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60 - Cocconeis Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61 - Gyrosigma fascicola	1.9	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0
62 twisted diatom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63 - Nitzschia epithemoides	1.6	0.0	0.0	0.0	0.3	0.3	0.3	0.9	0.0	0.0	5.8	1.2	0.0
65- Unid. diatom 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66 Fragilaria fasciculata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67- Nitzschia lacuum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69- Amphora holsatica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.6	0.0
71 Navicula perminuta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72 Navicula halophila	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73 Stauroneis tackei	0.9	0.0	0.0	0.3	0.3	0.3	0.0	0.3	0.0	0.0	1.5	0.0	0.0
74 Achnanthes longipes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75 Nitzschia litoralis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76 Biddulphia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77 Nitzschia dissipata	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
78 Entomoneis Sp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
79 - Cymbella silesiaca	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80 - Nitzschia sigma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81 - Nitzschia supralitorea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82 - Cocconeis pediculus	0.0	0.0	1.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
83 - Achnanthes minutissima	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
84 - Navicula capitatoradiata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85 - Melrosira Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86 - Cymbella sinuta	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
87 - Fragilaria capucina var. vaucheriae	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88 - Nitzschia palea	1.6	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89 - Gomphonema rhombicum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Spring 2006

Sites	3	4	6	7	10	11	12	15	17	18	21	23	25
Species No.	Percentage of total population												
90 - Navicula radiosa	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.5	0.9	1.2
91 Stauroneis Spp.	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94 - Navicula menisculus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95 - Coccoconeis scutellum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96 - Pleurosigma sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97 - Navicula tripunctata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98 - Diploneis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100 -Neidium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101 -Fragilaria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102 - Surirella	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105 -Achnanthes lanceolata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107 -Rhoicosphenia abbreviata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108 -Fragilaria parasitica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109 -Pinnularia sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110 -Cymbella sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111 -Navicula stroemii	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112 - Navicula pipele	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113 -Coccoconeis pediculus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114 -Fragilaria capucina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115 - Gomphonema angustum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117 - Achnanthes coarctata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120 -Caloneis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121 -Rhopalodia sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Euglena Spp.	0.0	1.6	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Phacus Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
Crucigenia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chroococcus Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.7
Oscillatoria Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scenedesmus Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pediastrum tetras	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chlamydomonas Spp.	0.0	45.8	6.7	0.0	0.6	2.8	0.0	3.1	33.1	5.6	3.8	0.7	0.7
Chlorella Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trachelomonas Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cryptomonas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chroomonas	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid flagellate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chlorophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chlorococcales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Closterium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lagerheima sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dinophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rhodomonas sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Perdinium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oocystis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tetrastrum sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Estuarine Algae Data (Community composition)

Summer 2006													
Sites	3	4	6	7	10	11	12	15	17	18	21	23	25
Species No.	Percentage of total population												
1- Navicula phyllepta	5.2	1.4	7.1	2.6	8.5	2.2	5.9	10.0	8.2	4.5	6.5	0.3	1.7
2- Coscinodiscus Spp.	2.6	1.4	2.7	1.6	3.3	0.9	3.0	1.4	1.3	2.0	2.9	0.3	2.0
3- Pinnularia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	1.0
4- Gyrosigma Spp.	2.6	7.1	1.8	68.1	2.7	6.6	4.8	4.8	2.9	6.5	2.2	0.9	1.3
5- Navicula pygmaea	27.0	1.4	0.4	0.0	25.1	1.9	0.7	0.7	11.8	1.5	0.0	0.0	1.7
6- Navicula gregaria	5.9	2.7	4.0	8.0	9.8	1.6	6.6	23.4	9.4	10.4	7.9	4.6	0.0
7 Gomphonema Spp.	0.0	0.8	1.3	0.0	0.3	0.0	0.4	1.1	0.2	0.0	0.7	0.9	1.7
8- Tryblionella Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9- Fragilaria elliptica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12 Cyclotella Spp.	2.6	1.1	0.9	1.6	1.6	1.9	0.7	2.5	0.7	1.5	0.4	0.0	0.3
14- Caloneis amphisbaena	2.3	52.5	7.1	1.3	1.1	41.9	12.5	1.4	1.1	9.9	4.7	1.1	5.0
16- Achnanthes Spp.	0.7	0.0	0.0	0.3	0.0	0.0	0.0	0.5	0.0	0.0	1.8	0.3	0.0
17- Diatoma Spp.	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
18- Cymbella Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19- Cocconeis placentula	0.0	0.8	4.0	0.6	0.5	6.3	1.1	0.7	2.7	1.0	4.3	5.5	15.3
20- Surirella Spp.	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.9	0.0
21 Navicula capitata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.6	0.0
25- Fragilaria Spp.	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0
29- Navicula Spp.	8.5	4.9	6.6	1.3	3.6	4.4	5.5	5.7	4.5	6.0	2.2	6.6	3.0
30- Unid. diatom 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32- Craticula Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33- Stauroneis salina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34- Eunotia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0
35 Navicula Cinta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36 Navicula Rhynchocephala	1.0	0.0	2.7	0.3	3.8	0.6	1.5	4.3	0.0	1.5	0.4	1.7	0.0
37- Planothidium Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38- Ctenophora Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
39- Unid. diatom 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40- Triceratium Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41 Synedra Spp..	13.3	0.0	0.9	0.3	0.0	0.6	0.0	0.0	0.7	0.0	0.4	0.0	0.7
42- Frustulia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43- Amphora Spp.	0.3	0.8	5.8	0.0	0.5	2.5	1.1	0.9	0.9	4.5	2.5	1.1	7.0
45- Stephanodiscus Spp.	0.0	0.5	1.3	1.0	0.8	0.6	0.4	2.7	1.1	0.0	1.4	0.0	1.3
46- Actinoptychus Spp.	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47- Navicula duerrenbergiana	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48- Unid. diatom 3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49- Brachysira Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50 - Nitzschia spp.	2.0	0.0	1.8	0.3	1.1	0.9	5.5	2.9	1.6	5.5	4.3	3.7	11.0
54- Unid. diatom 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60 - Cocconeis Spp.	0.0	0.0	1.3	0.0	0.0	0.6	1.1	0.5	0.9	0.0	0.4	0.9	1.3
61 - Gyrosigma fascicola	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
62 twisted diatom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63 - Nitzschia epithemoides	0.7	0.0	0.0	0.3	0.3	0.0	0.4	5.7	0.0	1.0	0.0	1.1	0.0
65- Unid. diatom 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66 Fragilaria fasciculata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67- Nitzschia lacuum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69- Amphora holsatica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.9	2.3
71 Navicula perminuta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72 Navicula halophila	3.9	0.5	2.7	0.3	2.7	0.0	0.4	0.0	0.9	1.0	0.7	0.9	0.0
73 Stauroneis tackei	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74 Achnanthes longipes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75 Nitzschia litoralis	10.1	0.3	0.9	0.0	9.8	0.9	2.2	0.2	4.5	0.0	0.0	0.0	0.0
76 Biddulphia Spp.	0.0	0.5	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.5	0.0	0.0	0.0
77 Nitzschia dissipata	0.0	0.3	3.1	1.0	0.8	0.0	8.5	1.1	2.9	11.9	17.6	41.4	16.0
78 Entomoneis Sp.	0.0	0.0	0.9	0.0	0.0	0.6	3.0	1.4	1.8	4.5	4.0	2.0	3.0
79 - Cymbella silesiaca	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80 - Nitzschia sigma	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
81 - Nitzschia supralitorea	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0
82 - Cocconeis pediculus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.7	1.1	0.0
83 - Achnanthes minutissima	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.5	0.9	0.0	0.7	0.0	0.0
84 - Navicula capitatoradiata	0.0	1.1	1.8	0.6	1.1	2.2	0.4	7.0	0.7	3.5	0.7	0.0	0.0
85 - Melrosira Spp.	0.0	0.0	1.8	0.0	0.0	0.0	1.1	0.0	0.4	1.5	0.0	0.0	0.0
86 - Cymbella sinuta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87 - Fragilaria capucina var. vaucheriae	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.5	0.0	0.0	1.0
88 - Nitzschia palea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.0
89 - Gomphonema rhombicum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer 2006													
Sites	3	4	6	7	10	11	12	15	17	18	21	23	25
Species No.	Percentage of total population												
90 - Navicula radiosa	1.6	0.5	4.9	0.6	4.6	0.0	3.3	2.0	1.8	4.9	1.8	5.2	2.0
91 - Stauroneis Spp.	3.3	2.2	1.8	0.3	6.0	0.0	1.8	2.9	2.9	1.5	1.8	0.0	0.0
94 - Navicula menisculus	0.0	4.4	2.7	1.6	2.5	2.8	2.6	7.7	4.9	4.5	4.7	1.4	0.0
95 - Cocconeis scutellum	3.6	0.8	3.5	6.7	1.6	1.6	3.0	2.5	0.7	1.5	4.0	0.0	0.0
96 - Pleurosigma sp	0.7	0.3	0.9	1.0	0.3	0.0	0.4	0.0	0.0	0.0	0.4	0.9	1.0
97 - Navicula tripunctata	0.0	1.1	0.0	0.0	1.6	0.6	0.0	0.2	2.0	1.0	1.4	1.7	1.0
98 - Diploneis sp	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
100 - Neidium sp	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101 - Fragilaria	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102 - Surirella	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
105 - Achnanthes lanceolata	0.0	0.0	0.9	0.0	0.0	0.3	1.1	0.5	0.0	0.0	0.4	0.9	0.0
107 - Rhoicosphenia abbreviata	0.0	0.3	4.4	0.0	0.0	0.6	0.0	0.0	0.7	0.0	2.5	2.9	0.0
108 - Fragilaria parasitica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
109 - Pinnularia sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110 - Cymbella sp	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
111 - Navicula stroemii	0.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112 - Navicula pipele	0.0	0.3	4.4	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113 - Cocconeis pediculus	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114 - Fragilaria capucina	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115 - Gomphonema angustum	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117 - Achnanthes coarctata	0.0	0.0	0.0	0.0	0.8	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0
120 - Caloneis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121 - Rhopalodia sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Euglena Spp.	1.4	2.0	0.0	0.0	1.7	2.7	3.8	0.0	5.3	0.0	0.0	1.8	3.7
Phacus Spp.	0.0	6.1	0.0	0.0	0.0	2.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0
Crucigenia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chroococcus Spp.	0.0	0.0	4.4	0.0	0.0	0.0	3.2	0.0	5.3	0.0	0.0	0.0	0.0
Oscillatoria Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scenedesmus Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pediastrum tetras	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chlamydomonas Spp.	0.0	2.0	0.0	0.0	0.0	2.7	3.2	0.0	4.3	2.9	0.0	0.0	0.0
Chlorella Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trachelomonas Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cryptomonas	0.0	0.0	0.0	0.0	0.8	2.0	1.9	0.0	4.3	0.0	2.6	4.5	3.7
Chroomonas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid flagellate	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	2.2	1.9	0.0	0.0	0.0
Unid chlorophyta	0.0	0.7	4.4	0.0	0.0	0.0	0.0	1.9	2.2	0.0	0.0	0.0	0.0
Unid chlocooccales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	1.8	11.0
Closterium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0
Lagerheima sp	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.0	0.0	0.0
Dinophyta	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
Rhodomonas sp	0.0	0.0	2.9	0.0	0.0	1.4	3.2	0.0	1.1	0.0	3.8	0.0	0.0
Peridinium sp	0.0	0.0	2.2	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.0	0.0	0.0
Oocystis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tetrastrum sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Estuarine Algae Data (Community composition)

Autumn 2006													
Sites	3	4	6	7	10	11	12	15	17	18	21	23	25
Species No.	Percentage of total population												
1- Navicula phyllepta	10.6	5.0	2.3	6.5	13.7	14.4	13.2	15.5	20.6	1.7	33.0	16.5	9.0
2- Coscinodiscus Spp.	1.3	0.4	1.1	1.0	1.3	2.3	2.2	1.9	2.1	0.4	0.3	0.3	0.2
3- Pinnularia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4- Gyrosigma Spp.	0.0	0.8	0.0	0.2	1.1	0.0	0.0	1.5	1.0	0.4	0.0	0.0	0.0
5- Navicula pygmaea	5.9	3.8	0.7	2.9	0.8	1.5	0.6	4.6	1.5	0.0	1.0	0.0	0.2
6- Navicula gregaria	56.1	13.4	7.2	50.6	44.1	33.2	9.8	30.8	12.4	6.8	13.5	6.7	6.9
7 Gomphonema Spp.	0.0	0.4	0.7	0.0	0.0	0.8	0.3	0.0	0.0	0.0	1.0	0.9	1.2
8- Tryblionella Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9- Fragilaria elliptica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12 Cyclotella Spp.	0.3	0.4	0.0	1.0	0.5	6.2	1.7	0.7	0.0	0.2	0.8	0.0	0.2
14- Caloneis amphisbaena	0.7	4.2	1.4	0.7	0.5	1.5	0.6	0.5	4.6	0.8	2.1	0.9	0.0
16- Achnanthes Spp.	0.0	0.0	1.1	0.0	0.3	0.5	0.3	0.0	0.0	0.4	0.0	0.0	4.0
17- Diatoma Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
18- Cymbella Spp.	0.0	0.4	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.4	0.0	0.0	0.4
19- Cocconeis placentula	0.0	1.7	0.4	0.5	1.1	0.3	0.6	0.0	4.1	1.4	3.1	1.8	18.9
20- Surirella Spp.	1.0	0.4	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.6	0.0	0.0	0.0
21 Navicula capitata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25- Fragilaria Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.2	0.0	0.0	0.6
29- Navicula Spp.	1.0	1.3	1.4	1.0	0.0	1.0	1.4	0.2	4.1	1.2	0.5	0.0	0.2
30- Unid. diatom 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32- Craticula Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33- Stauroneis salina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34- Eunotia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35 Navicula Cirta	3.3	10.1	12.0	1.0	2.9	1.5	26.1	2.4	10.8	1.9	6.5	13.7	0.2
36 Navicula Rhynchocephala	4.0	9.2	5.6	10.2	20.9	16.7	36.7	32.0	16.5	6.0	25.5	40.2	17.1
37- Planothidium Spp.	0.0	0.0	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.5
38- Ctenophora Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39- Unid. diatom 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40- Triceratium Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41 Synedra Spp..	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	2.1	0.2	0.0	0.0	2.1
42- Frustulia Spp.	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43- Amphora Spp.	0.7	0.4	0.4	0.2	0.5	0.0	0.3	1.0	0.0	2.1	2.9	2.4	8.3
45- Stephanodiscus Spp.	0.0	0.8	1.0	1.0	0.8	1.3	0.3	1.7	0.0	0.0	0.0	0.0	0.0
46- Actinopterychus Spp.	0.0	0.0	0.0	0.2	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
47- Navicula duerrenbergiana	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48- Unid. diatom 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49- Brachysira Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50 - Nitzschia spp.	1.0	0.4	0.0	0.2	0.8	2.1	0.3	0.0	1.0	0.0	0.0	0.0	4.6
54- Unid. diatom 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60 - Cocconeis Spp.	0.3	0.4	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.4	0.3	0.3	0.8
61 - Gyrosigma fascicola	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62 twisted diatom	0.0	0.0	0.1	0.0	0.0	1.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
63 - Nitzschia epithemoides	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65- Unid. diatom 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66 Fragilaria fasciculata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67- Nitzschia lacuum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69- Amphora holsatica	1.0	0.0	0.6	0.0	1.8	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0
71 Navicula perminuta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72 Navicula halophila	0.0	0.0	0.0	0.2	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
73 Stauroneis tackei	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74 Achnanthes longipes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75 Nitzschia litoralis	1.3	0.8	0.4	0.5	1.6	2.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0
76 Biddulphia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77 Nitzschia dissipata	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
78 Entomoneis Sp.	0.3	0.0	0.0	0.0	0.8	0.0	0.0	0.2	0.0	0.0	0.3	0.3	0.2
79 - Cymbella silesiaca	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80 - Nitzschia sigma	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.2	0.0	0.4	0.3	0.0	0.0
81 - Nitzschia supralitorea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82 - Cocconeis pediculus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83 - Achnanthes minutissima	0.0	2.1	1.1	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	11.3	0.2
84 - Navicula capitatoradiata	0.3	0.8	0.3	0.2	0.0	0.3	0.0	0.2	0.0	0.6	0.3	0.3	1.7
85 - Melrosira Spp.	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	3.1
86 - Cymbella sinuta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87 - Fragilaria capucina var. vaucheriae	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
88 - Nitzschia palea	0.0	0.4	0.3	0.0	0.3	0.0	0.3	0.2	0.0	0.0	0.0	0.0	1.0
89 - Gomphonema rhombicum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Autumn 2006

Sites	3	4	6	7	10	11	12	15	17	18	21	23	25
Species No.	Percentage of total population												
90 - Navicula radiosa	0.0	0.8	0.0	0.2	0.0	0.3	0.3	1.7	0.0	0.0	0.0	0.0	4.4
91 Stauroneis Spp.	7.6	0.8	0.8	7.3	2.4	3.1	0.3	0.5	6.2	1.4	1.3	1.5	0.6
94 - Navicula menisculus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95 - Cocconeis scutellum	1.0	1.7	1.8	2.9	0.5	4.6	1.7	1.0	0.5	0.6	1.8	0.6	0.0
96 - Pleurosigma sp	0.0	0.0	0.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97 - Navicula tripunctata	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.6	0.3	4.6
98 - Diploneis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
100 -Neidium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101 -Fragilaria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102 - Surirella	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105 -Achnanthes lanceolata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107 -Rhoicosphenia abbreviata	0.0	0.4	0.3	0.0	0.3	1.0	0.0	0.0	0.0	0.2	0.5	1.2	0.8
108 -Fragilaria parasitica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109 -Pinnularia sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110 -Cymbella sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111 -Navicula stroemii	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112 - Navicula pipele	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113 -Cocconeis pediculus	0.0	0.0	0.0	0.2	0.0	0.5	0.0	0.0	1.0	0.0	0.0	0.0	0.6
114 -Fragilaria capucina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115 - Gomphonema angustum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117 - Achnanthes coarctata	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
120 -Caloneis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
121 -Rhopalodia sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Euglena Spp.	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	5.1	1.0	0.0	0.0
Phacus Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crucigenia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chroococcus Spp.	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	0.0	0.0	0.0
Oscillatoria Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scenedesmus Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pediastrum tetras	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chlamydomonas Spp.	0.0	0.0	5.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
Chlorella Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trachelomonas Spp.	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
Cryptomonas	0.0	12.5	35.0	9.1	2.3	0.0	1.0	0.0	8.2	10.3	0.0	0.0	0.0
Chroomonas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid flagellate	0.0	6.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0	0.0	0.0
Unid chlorophyta	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chlorococcales	0.0	12.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	2.9
Closterium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lagerheima sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dinophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rhodomonas sp	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
Perdinium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oocystis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
Tetrastrum sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Estuarine Algae Data (Community composition)

Spring 2007													
Sites	3	4	6	7	10	11	12	15	17	18	21	23	25
Species No.	Percentage of total population												
1- Navicula phyllepta	3.6	3.2	2.7	1.8	0.6	0.6	0.8	1.2	0.0	0.0	0.3	0.0	0.6
2- Coscinodiscus Spp.	1.2	0.0	0.6	0.9	0.6	0.0	0.3	0.0	0.0	0.0	0.3	0.9	0.3
3- Pinnularia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4- Gyrosigma Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0
5- Navicula pygmaea	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0
6- Navicula gregaria	3.3	0.3	0.3	1.8	0.0	0.9	0.6	3.0	1.7	0.3	1.2	0.9	0.6
7 Gomphonema Spp.	0.6	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
8- Tryblionella Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
9- Fragilaria elliptica	8.7	1.5	0.3	1.8	1.2	0.0	3.1	0.0	3.0	0.6	1.8	0.9	0.0
12 Cyclotella Spp.	0.0	0.3	0.0	0.0	0.0	0.3	0.0	1.8	0.3	0.0	0.9	0.3	0.3
14- Caloneis amphibaena	0.0	0.3	0.0	0.6	0.6	0.9	0.3	1.2	0.0	0.3	0.0	0.3	0.0
16- Achnanthes Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0
17- Diatoma Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18- Cymbella Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19- Cocconeis placentula	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0
20- Surirella Spp.	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21 Navicula capitata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25- Fragilaria Spp.	1.5	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29- Navicula Spp.	0.0	0.0	0.0	0.6	2.4	1.6	0.0	2.1	0.7	0.0	0.0	0.3	0.0
30- Unid. diatom 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32- Craticula Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33- Stauroneis salina	1.5	0.0	0.0	2.4	1.8	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0
34- Eunotia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35 Navicula Cirta	2.7	2.9	5.5	0.0	3.3	21.9	11.5	11.0	4.6	10.0	3.9	4.2	4.2
36 Navicula Rhynchocephala	70.6	88.2	87.2	78.8	89.0	73.0	79.5	76.2	76.2	86.6	91.0	88.9	91.1
37- Planothidium Spp.	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0
38- Ctenophora Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39- Unid. diatom 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40- Triceratium Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41 Synedra Spp..	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42- Frustulia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43- Amphora Spp.	0.0	0.0	0.3	1.2	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
45- Stephanodiscus Spp.	0.3	0.0	0.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
46- Actinoptychus Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47- Navicula duerrenbergiana	0.0	0.9	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
48- Unid. diatom 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49- Brachysira Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50 - Nitzschia spp.	0.9	0.6	0.0	7.3	0.0	0.3	0.0	0.9	2.3	0.0	0.0	0.0	0.0
54- Unid. diatom 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60 - Cocconeis Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61 - Gyrosigma fascicola	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62 twisted diatom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63 - Nitzschia epithemoides	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65- Unid. diatom 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66 Fragilaria fasciculata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67- Nitzschia lacuum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69- Amphora holsatica	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71 Navicula perminuta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72 Navicula halophila	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73 Stauroneis tackei	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
74 Achnanthes longipes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75 Nitzschia litoralis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76 Biddulphia Spp.	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77 Nitzschia dissipata	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	2.3	0.0	0.0	0.0	0.0
78 Entomoneis Sp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79 - Cymbella silesiaca	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80 - Nitzschia sigma	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0
81 - Nitzschia supralitorea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82 - Cocconeis pediculus	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
83 - Achnanthes minutissima	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0
84 - Navicula capitatoradiata	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.6	0.0	0.0	0.0	0.6
85 - Melrosira Spp.	0.3	0.0	0.9	0.3	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
86 - Cymbella sinuta	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
87 - Fragilaria capucina var. vaucheriae	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88 - Nitzschia palea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89 - Gomphonema rhombicum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Spring 2007

Sites	3	4	6	7	10	11	12	15	17	18	21	23	25
Species No.	Percentage of total population												
90 - Navicula radiosa	0.0	0.3	0.3	0.3	0.0	0.0	0.6	0.0	0.0	0.0	0.0	2.4	0.3
91 Stauroneis Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94 - Navicula menisculus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95 - Cocconeis scutellum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96 - Pleurosigma sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97 - Navicula tripunctata	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.7	0.6	0.0	0.0	0.3
98 - Diploneis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100 -Neidium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101 -Fragilaria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102 - Surirella	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105 -Achnanthes lanceolata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107 -Rhoicosphenia abbreviata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
108 -Fragilaria parasitica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109 -Pinnularia sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110 -Cymbella sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
111 -Navicula stroemii	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112 - Navicula pipele	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113 -Cocconeis pediculus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114 -Fragilaria capucina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115 - Gomphonema angustum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117 - Achnanthes coarctata	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120 -Caloneis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
121 -Rhopalodia sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Euglena Spp.	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
Phacus Spp.	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crucigenia Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chroococcus Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oscillatoria Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scenedesmus Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pediastrum tetras	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chlamydomonas Spp.	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0
Chlorella Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trachelomonas Spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cryptomonas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chroomonas	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid flagellate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chlorophyta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unid chlorococcales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Closterium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lagerheima sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dinophyta	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rhodomonas sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peridinium sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oocystis sp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tetrastrum sp	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Spring 2002

Average No m²

Meiofauna Taxa List	Site	3	4	6	7	10	11	12	15	17
	Sample Date	18.05.02	18.05.02	18.05.02	18.05.02	18.05.02	18.05.02	18.05.02	18.05.02	18.05.02
Gastrotricha		0	0	133,300	0	133,300	0	0	0	0
Nematoda		266,700	133,300	266,700	533,300	133,300	5,600,000	266,700	266,700	933,300
Foraminifera		0	0	0	0	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Mollusca		0	0	0	0	133,300	266,700	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Total Densities		266,700	133,300	400,000	533,300	399,900	5,866,700	266,700	266,700	933,300
Macrofauna Taxa List	Site	3	4	6	7	10	11	12	15	17
	Sample Date	18.05.02	18.05.02	18.05.02	18.05.02	18.05.02	18.05.02	18.05.02	18.05.02	18.05.02
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		623	0	0	267	0	1,784	89	0	624
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	89
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	0	0	178	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Total Densities		623	0	0	267	0	1,962	89	0	713

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Autumn 2002

Meiofauna Taxa List	Site Sample Date	Average No m ²								
		3 19.09.02	4 19.09.02	6 19.09.02	7 19.09.02	10 19.09.02	11 19.09.02	12 19.09.02	15 19.09.02	17 19.09.02
Gastrotricha		0	0	0	220,000	0	0	0	131,900	0
Nematoda		533,300	132,000	533,300	446,700	500,000	133,300	133,300	267,900	633,400
Foraminifera		0	0	0	0	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Mollusca		0	268,000	0	0	166,700	0	0	0	33,335
Nemertea		0	0	0	0	0	0	0	0	0
Total Densities		533,300	400,000	533,300	666,700	666,700	133,300	133,300	399,800	666,735
Macrofauna Taxa List	Site Sample Date	3 19.09.02	4 19.09.02	6 19.09.02	7 19.09.02	10 19.09.02	11 19.09.02	12 19.09.02	15 19.09.02	17 19.09.02
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		1,036	267	267	0	0	0	0	537	736
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	300
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	0	0	0	0	264	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Total Densities		1,036	267	267	0	0	0	0	801	1,038

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Spring 2003

		Average No m ²								
Meiofauna Taxa List	Site	3	4	6	7	10	11	12	15	17
	Sample Date	07.05.03	07.05.03	07.05.03	07.05.03	07.05.03	07.05.03	07.05.03	07.05.03	07.05.03
Gastrotricha		0	0	0	0	0	0	0	0	0
Nematoda		3,464,597	0	0	415,752	1,108,671	4,573,268	3,603,181	1,940,175	554,336
Foraminifera		5,127,604	0	4,434,685	7,899,282	3,880,349	9,215,829	4,434,685	3,603,181	277,168
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0
Actinopoda		138,584	0	0	0	0	0	0	0	0
Ostracoda		277,168	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Mollusca		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Total Densities		9,007,953	0	4,434,685	8,315,034	4,989,020	13,789,097	8,037,866	5,543,356	831,504
Macrofauna Taxa List	Site	3	4	6	7	10	11	12	15	17
	Sample Date	07.05.03	07.05.03	07.05.03	07.05.03	07.05.03	07.05.03	07.05.03	07.05.03	07.05.03
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	87	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Total Densities		0	0	0	0	0	0	0	87	0

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Autumn 2003

Average No m²

Meiofauna Taxa List	Site	3	4	6	7	10	11	12	15	17
	Sample Date	20.09.03	20.09.03	20.09.03	20.09.03	20.09.03	20.09.03	20.09.03	20.09.03	20.09.03
Gastrotricha		0	0	0	0	0	0	0	0	0
Nematoda		701,581	0	0	7,206,362	16,907,235	692,919	5,370,126	277,168	0
Foraminifera		2,208,681	692,919	519,690	16,907,235	7,206,362	519,690	2,286,634	0	2,771,678
Oligochaeta		103,938	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiolaria		0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Mollusca		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Total Densities		3,014,200	692,919	519,690	24,113,597	24,113,597	1,212,609	7,656,760	277,168	2,771,678
Macrofauna Taxa List	Site	3	4	6	7	10	11	12	15	17
	Sample Date	20.09.03	20.09.03	20.09.03	20.09.03	20.09.03	20.09.03	20.09.03	20.09.03	20.09.03
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	87	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Total Densities		0	0	0	87	0	0	0	0	0

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Spring 2004

Average No. m⁻²

Meiofauna Taxa List	Site	1	1A	1B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25	
	Sample Date	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04
Gastrotricha		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematoda		58,898	43,307	758,747	686,857	207,876	280,633	291,026	1,455,131	942,371	95,276	1,463,792	623,628	1,053,238	443,468	1,053,237	1,527,887	2,051,042	997,804	346,460	
Foraminifera		1,367,650	54,567	306,617	873,073	970,087	353,389	2,411,360	1,272,373	598,509	883,472	1,100,010	277,168	692,919	4,628,702	221,734	1,489,777	997,804	346,460	762,212	
Oligochaeta		0	0	36,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tubificidae		0	0	0	0	0	0	0	630,557	5,630	0	17,323	0	0	0	0	0	0	0	0	
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	103,938	0	0	0	0	0	0	0	0	0	0	0	
<i>Tubifex</i> spp.		0	0	0	10,394	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Radiololaria		0	0	0	0	0	0	0	32,914	0	0	0	0	0	0	0	0	0	0	0	
Actinopoda		36,378	4,331	31,181	114,332	0	0	0	0	35,512	17,323	17,323	0	69,292	249,451	55,434	55,434	110,867	138,584	138,584	
Ostracoda		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Rotifera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Copepoda		0	0	0	0	0	0	0	3,465	0	0	0	0	0	0	0	0	0	0	0	
Cyclopoida		0	0	0	10,394	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Harpacticoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mollusca		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Nemertea		0	0	0	19,055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Densities		1,462,926	102,205	1,132,923	1,714,105	1,177,963	634,022	2,702,386	3,498,378	1,582,022	996,071	2,598,448	900,796	1,815,449	5,321,621	1,330,405	3,073,098	3,159,713	1,482,848	1,247,256	
Macrofauna Taxa List	Site	1	1A	1B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25	
	Sample Date	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	
Oligochaete		0	0	0	0	0	0	0	87	0	0	0	0	0	0	0	0	0	0	0	
Tubificidae		0	0	0	0	0	0	0	3,291	0	0	0	0	0	173	0	0	0	0	0	
<i>Tubificoides</i>		0	0	0	0	0	0	0	953	0	0	0	0	0	0	0	0	0	0	0	
Collembola		0	0	0	0	0	0	0	87	0	347	0	0	0	0	0	0	0	0	0	
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Naididae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Nereidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	173	87	0	173	0	0	260	0	347	87	0	173	
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	0	0	0	
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	207,876	0	
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	
Total Densities		0	0	0	0	0	0	0	4,591	87	347	173	0	0	433	0	434	87	207,876	347	

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Summer 2004 Average No m⁻²

Meiofauna Taxa List	Site Sample Date	1	1A	1B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25	T1	T2	T3
		24.08.04	24.08.04	25.08.04	24.08.04	25.08.04	25.08.04	25.08.04	25.08.04	25.08.04	25.08.04	25.08.04	25.08.04	24.08.04	24.08.04	24.08.04	24.08.04	24.08.04	24.08.04	24.08.04	24.08.04	26.08.04	26.08.04
Gastrotricha		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematoda		0	17,323	0	0	0	0	47,638	0	259,845	51,969	1,022,056	200,947	0	166,301	138,584	0	207,876	69,292	138,584	593,312	349,347	0
Foraminifera		2,979,554	348,192	5,352,803	7,483,530	15,867,856	2,355,926	17,595,824	5,807,531	3,113,807	738,992	5,742,570	7,601,327	228,664	7,816,132	4,989,020	207,876	0	2,494,510	1,316,547	4,371,167	6,946,740	554,336
Oligochaeta		0	3,465	0	0	0	0	0	0	138,584	103,938	8,661	0	0	0	0	0	0	0	0	103,938	86,615	0
Tubificidae		0	0	0	0	0	0	0	0	21,654	0	0	55,434	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	138,584	0	12,992	0	4,331	0	0	0	0	0	0	0	0	69,292	0	14,436	5,774	0
Ostracoda		0	0	34,646	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69,292	69,292	0	0	0
Rotifera		0	3,465	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclopoida		69,292	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		3,048,846	372,444	5,387,449	7,483,530	16,006,440	2,355,926	17,656,454	5,807,531	3,538,220	894,899	6,773,288	7,857,707	228,664	7,982,432	5,127,604	207,876	207,876	2,702,386	1,524,423	5,082,853	7,388,476	554,336
Macrofauna Taxa List	Site Sample Date	1	1A	1B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25	T1	T2	T3
Oligochaete		0	0	433	0	0	0	606	87	866	1,820	0	0	0	0	0	0	0	87	0	693	2,310	0
Tubificidae		0	0	0	0	0	0	0	0	1,906	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	953	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0
<i>Hediste diversicolor</i>		0	0	87	0	0	0	0	0	87	0	173	0	0	0	0	347	0	0	260	29	58	58
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0	0	173	0	0	0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		0	0	1,473	0	0	87	606	87	2,859	1,820	347	0	0	0	0	433	0	87	260	722	2,396	58

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Autumn 2004

Average No m⁻²

Meiofauna Taxa List	Site	1	1A	1B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25	T1	T2	T3	
	Sample Date	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04
Gastrotricha		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematoda		0	0	60630	152442	69292	29449	0	71891	1030718	701581	1122530	415752	0	346460	0	0	0	277168	0	94699	148689	78531	
Foraminifera		672132	255514	6019738	1094813	7220221	679927	19852143	664336	706778	1160640	789928	58617653	1801591	4594056	2411360	831503	1219538	26053772	29656953	2575351	8342462	22305078	
Oligochaeta		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Radiolozoa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		6929	0	8661	0	166301	0	34646	26850	4331	0	76221	0	0	0	0	0	0	277168	0	10394	18767	0	
Ostracoda		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	8661	47638	0	0	0	0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	4331	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0	0	0	0	31181	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	6063	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		679061	255514	6089029	1247255	7455813	713707	19886789	769140	1750488	1909859	1988679	59033405	1801591	4971697	2411360	831503	1219538	26608107	29656953	2680443	8509917	22383608	
Macrofauna Taxa List	Site	1	1A	1B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25	T1	T2	T3	
	Sample Date	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	
Oligochaete		0	0	0	0	0	0	0	0	0	2859	0	0	0	0	0	0	0	0	0	0	87	29	
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	173	0	
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Collembola		0	0	0	0	0	0	0	0	693	28583	0	0	0	0	0	0	0	0	0	0	29	0	
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Naididae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Nereidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	0	
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0	87	0	0	173	0	260	0	173	433	87	58	0	0	
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Densities		0	0	0	0	0	0	0	0	693	31442	87	0	0	173	0	260	0	173	433	87	404	29	

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Spring 2005

Average No m⁻²

Meiofauna Taxa List	Site	1	1A	1B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25
Foraminifera		18,347,533	3,936,649	1,205,680	1,342,531	3,118,138	1,039,379	1,507,100	1,485,446	0	2,598,448	9,978,040	519,689	1,247,255	1,652,613	12,680,426	1,067,096	762,212	388,035	308,360,657
Nematoda		69,292	51,969	280,632	8,661	69,292	155,907	353,389	392,682	190,553	0	207,876	0	623,628	46,772	415,752	0	0	83,150	0
Oligochaeta		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Radiolozoa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		69,292	0	0	0	0	0	57,166	0	1,984,821	12,992	0	34,646	0	0	0	0	0	0	34,646
Ostracoda		0	0	0	0	69,292	0	0	34,646	34,646	0	0	0	69,292	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	17,323	0	0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bivalve		0	0	0	0	0	0	15,591	0	69,292	0	0	17,323	0	0	0	0	0	0	0
Chironomidae		0	0	0	0	0	0	0	4,331	0	0	0	0	0	0	0	0	0	0	0
Gastropod		1,038,636	0	0	0	0	0	0	0	17,323	0	0	0	0	0	0	0	0	0	0
Total Densities	0	19,524,753	3,988,618	1,486,312	1,351,193	3,256,722	1,195,286	1,933,245	1,934,428	2,296,635	2,611,440	10,185,916	571,658	1,940,175	1,699,385	13,096,178	1,067,096	762,212	471,185	308,395,303
Macrofauna Taxa List	Site	1	1A	1B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25
Oligochaete		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	87	260	0	0	0	0	0	0	0	0	0	87	0
<i>Tubificoides</i>		0	0	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	346	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	0	0	0
Nereidae		0	0	0	0	0	0	173	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	87	0	0	0	0	0	173	87	0	87	0	87	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrobidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eteone Iona		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	87	0	0	0	0	87	87	0	0	0
Dolichopodidae		0	0	0	0	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae		0	0	0	0	0	0	0	0	0	87	0	0	0	0	0	0	0	0	0
Isotomidae		0	0	0	0	0	0	0	0	0	0	346	0	0	0	0	0	0	0	0
<i>Skenea serpuloides</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	0	0	0
Total Densities	0	0	0	87	0	87	87	260	260	0	173	520	87	0	433	87	347	0	87	0

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Summer 2005 Average No m²

Meiofauna Taxa List	Site	1	1A	1B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25
Foraminifera		3,525,228	1,444,737	3,949,641	2,242,461	4,659,884	5,300,834	8,522,910	757,998	8,141,980	3,274,045	1,240,433	1,593,715	2,910,262	292,325	5,541,689	1,403,162	2,560,337	3,031,523	2,390,572
Nematoda		580,320	178,427	90,946	415,752	121,261	0	69,292	64,961	1,299,224	736,227	329,137	277,168	883,472	43,307	311,814	485,044	346,460	259,845	1,039,379
Oligochaeta		0	0	0	0	0	0	0	0	17,323	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Radiololaria		8,661	0	0	0	0	0	0	0	0	0	0	0	0	0	86,615	0	0	0	0
Actinopoda		8,661	36,378	30,315	0	0	0	0	0	103,938	60,630	0	138,584	207,876	21,654	0	0	69,292	155,907	0
Ostracoda		121,261	4,331	203,545	0	381,106	623,628	346,460	17,323	0	103,938	51,969	0	0	49,804	69,292	34,646	17,323	69,292	0
Rotifera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bivalve		0	0	8,661	0	0	0	0	0	0	121,251	0	69,292	0	15,158	69,292	0	0	0	0
Chironomidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gastropod		17,323	0	4,164	0	0	0	0	0	0	0	0	0	0	4,331	34,646	0	0	0	0
Total Densities		4,261,454	1,663,873	4,287,273	2,658,212	5,162,251	5,924,461	8,938,662	840,282	9,562,465	4,296,091	1,621,539	2,078,759	4,001,610	426,578	6,113,348	1,922,852	2,993,412	3,516,567	3,429,951
Macrofauna Taxa List	Site	1	1A	1B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25
Nematoda		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oligochaete		0	0	0	87	0	0	0	0	87	0	0	0	87	0	0	0	0	0	58
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	5,856	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0	87	0	0	0	43	43	0	29	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	260	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eteone Iona		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	173	0	0	0	0	0
Dolichopodiidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87
Isotomidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchytraeda		0	0	0	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Skenea serpuloides		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		0	0	0	6,030	0	0	0	0	87	87	0	0	87	217	43	0	318	0	144

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Autumn 2005

Average No m⁻²

Meiofauna Taxa List	Site	1	1A	1B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25
Foraminifera		22,964,781	11,194,114	18,111,183	9,562,289	41,263,354	61,046,205	45,569,904	20,319,864	15,625,334	6,757,023	28,964,034	13,910,358	637,486	4,510,906	883,472	1,973,482	1,245,523	259,845	866,149
Nematoda		413,552	138,584	69,292	0	0	0	274,968	883,473	796,857	228,663	1,801,590	86,615	69,292	138,584	0	0	164,568	0	433,075
Oligochaeta		0	0	0	0	277,168	0	0	0	0	11,260	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		549,936	0	181,891	554,335	831,503	311,814	824,904	0	0	0	1,108,671	0	0	0	0	0	0	0	0
Ostracoda		0	0	0	0	34,646	277,168	0	0	0	0	0	207,876	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diatom		0	0	69,292	0	0	1,108,671	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		23,928,269	11,332,698	18,431,658	10,116,624	42,406,671	62,743,858	46,669,776	21,203,337	16,422,191	6,996,946	31,874,295	14,204,849	706,778	4,649,490	883,472	1,973,482	1,410,091	259,845	1,299,224
Macrofauna Taxa List	Site	1	1A	1B	3	4	6	7	10	11	12	15	17	18	20	21	22	23	24	25
Oligochaete		0	0	0	0	0	87	0	0	0	0	0	0	0	0	433	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	87	0	2,685	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	87	173	0	0	87	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	0	87	0
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,559	607	260
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eteone Iona		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dolichopodidae		0	0	0	0	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		0	0	0	0	0	139	0	0	0	87	173	0	87	87	3,118	87	1,559	694	260

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Spring 2006

		Average No m ²												
Meiofauna Taxa List	Site	3	4	6	7	10	11	12	15	17	18	21	23	25
Gastrotricha		0	0	0	0	0	0	0	0	0	0	0	0	0
Nematoda		820,106	0	0	554,335	348,279	0	0	103,938	0	138,584	0	1,663,007	277,168
Foraminifera		8,746,220	2,078,759	3,722,540	38,664,906	9,179,281	13,061,532	4,573,269	3,404,373	1,212,775	1,385,839	5,959,108	15,937,148	7,206,363
Oligochaeta		0	0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
Radiolaria		0	0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	415,752	94,815	207,876	0	0	0	554,336	0	138,584	0
Ostracoda		0	0	47,407	277,168	0	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca		0	0	0	0	0	0	0	0	0	0	0	0	0
Cyprid		0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0	0	0	0	0
Unid. Arthropod		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		9,566,326	2,078,759	3,769,947	39,912,161	9,622,374	13,269,408	4,573,269	3,508,311	1,212,775	2,078,759	5,959,108	17,738,739	7,483,530
Macrofauna Taxa List	Site	3	4	6	7	10	11	12	15	17	18	21	23	25
Oligochaete		173	87	0	0	0	87	0	925	87	87	0	0	87
Tubificidae		0	0	0	0	0	0	0	87	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0	0	0	0	87
<i>Eteone longa</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	87	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	87	0	0
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Dolichopodidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skenea serpuloides</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Isotomidae		0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		173	87	0	0	0	87	87	1,012	87	87	87	0	173

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Summer 2006

Average No. m⁻²

Meiofauna Taxa List	Site	3	4	6	7	10	11	12	15	17	18	21	23	25
Gastrotricha		0	0	0	0	0	0	0	0	0	0	0	0	0
Nematoda		173,230	0	51,969	207,876	554,336	329,137	0	12,992	173,230	0	0	0	207,876
Foraminifera		1,758,283	2,217,342	1,091,348	14,429,102	12,853,656	8,574,878	3,326,013	129,922	2,598,448	935,441	1,663,007	277,168	2,840,970
Oligochaeta		0	0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		77,953	0	0	73,623	866,149	0	0	0	173,230	0	0	0	0
Ostracoda		0	0	0	17,323	86,615	103,938	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca		0	0	0	0	0	0	0	0	0	0	0	0	0
Cyprid		0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0	0	0	0	0
Unid. Arthropod		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		2,009,466	2,217,342	1,143,317	14,727,924	14,360,756	9,007,953	3,326,013	142,914	2,944,908	935,441	1,663,007	277,168	3,048,846
Macrofauna Taxa List	Site	3	4	6	7	10	11	12	15	17	18	21	23	25
Oligochaete		1,039	0	0	260	87	0	0	433	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	173	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0	0	87	0	87
<i>Eteone longa</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	87	347
Mysidae		0	0	0	0	0	87	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Dolichopodidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skenea serpuloides</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Isotomidae		0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		1,039	0	0	260	87	260	0	433	0	0	87	87	434

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Autumn 2006

Average No. m⁻²

Meiofauna Taxa List	Site	3	4	6	7	10	11	12	15	17	18	21	23	25
Gastrotricha		0	0	0	0	0	0	0	0	0	0	0	0	0
Nematoda		284,097	0	0	471,185	103,938	519,690	0	346,460	0	0	34,646	138,584	0
Foraminifera		10,483,872	35,962,520	8,522,910	15,632,263	6,755,965	22,433,268	2,286,634	6,825,257	3,326,014	1,455,131	6,790,611	3,464,597	3,291,367
Oligochaeta		0	0	0	138,584	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		138,584	0	0	0	0	311,814	0	0	0	0	0	0	0
Ostracoda		0	0	138,584	0	0	311,814	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca		0	0	0	0	0	0	0	0	0	0	0	0	0
Cyprid		0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0	0	0	0	0
Unid. Arthropod		0	0	0	0	0	103,938	0	0	0	0	0	0	0
Total Densities		422,681	0	138,584	609,769	103,938	23,680,524	0	346,460	0	0	34,646	138,584	0
Macrofauna Taxa List	Site	3	4	6	7	10	11	12	15	17	18	21	23	25
Oligochaete		260	0	0	173	0	0	0	260	87	0	0	0	87
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	520	0	0	0	0	0
Collembola		0	0	0	0	0	606	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		173	0	0	0	0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		173	0	0	0	0	0	0	0	0	0	0	87	0
<i>Eteone longa</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	866	0
Mysidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Dolichopodidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skenea serpuloides</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Isotomidae		0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrobiidae		87	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		693	0	0	173	0	606	0	780	87	0	0	953	87

Macroinvertebrate Intertidal Cores

Sites 18-25 = Zone 1; Sites 3-17 = Zone 2 (only Zone 2 was sampled in 2002 and 2003); Sites 1A, 1B and 1 = Zone 3

Spring 2007

		Average No. m ⁻²												
Meiofauna Taxa List	Site	3	4	6	7	10	11	12	15	17	18	21	23	25
Gastrotricha		0	0	0	0	0	0	0	0	0	0	0	0	0
Nematoda		99,607	34,646	25,984	138,584	103,938	0	0	34,646	0	34,646	69,292	311,814	138,584
Foraminifera		2,667,740	1,143,317	999,536	4,711,853	1,455,131	3,170,106	2,650,417	3,222,075	2,806,324	173,230	12,178,060	6,946,518	1,611,038
Oligochaeta		0	0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	277,168	0	0	0	277,168	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca		0	0	0	0	0	0	0	0	0	0	0	0	0
Cyprid		0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0	0	0	0	0
Unid. Arthropod		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		2,767,347	1,177,963	1,025,521	5,127,604	1,559,069	3,170,106	2,650,417	3,533,889	2,806,324	207,876	12,247,352	7,258,331	1,749,622
Macrofauna Taxa List	Site	3	4	6	7	10	11	12	15	17	18	21	23	25
Oligochaete		520	87	0	0	0	0	0	3,898	0	0	0	0	173
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	87	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	87	0	0	0	0	0	87	87	87
<i>Eteone longa</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	87	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Crangon crangon</i>		0	0	0	0	0	0	0	0	0	0	0	0	87
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Dolichopodiidae		0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skenea serpuloides</i>		0	0	0	0	0	0	0	0	0	0	0	0	0
Isotomidae		0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		520	87	0	87	87	0	87	3,898	0	0	87	87	347

Macroinvertebrate Subtidal Grabs

		Spring 2002								
Meiofauna Taxa List		Site	2	5	8	9	13	14	16	19
Average No. m ⁻²		Date	28.03.02	28.03.02	28.03.02	28.03.02	28.03.02	28.03.02	28.03.02	28.03.02
NEMERTEA			0	0	0	0	0	0	0	0
GASTROTRICHA			0	0	1,333	0	0	0	0	0
NEMATODA			66,670	533,300	66,667	266,700	266,700	29,600,000	400,000	133,300
ANNELIDA										
Oligochaeta			0	0	0	0	0	0	0	0
Tubificidae			0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.			0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.			0	0	0	0	0	0	0	0
CRUSTACEA										
Copepoda			0	0	4,000	0	0	0	0	0
Cyclopoida			0	0	0	0	0	0	0	0
Calanoida			0	0	0	0	0	0	0	0
Ostracoda			0	0	0	0	0	0	0	0
Mysidae			0	0	0	0	0	0	0	0
MOLLUSCA			0	0	0	0	0	0	0	0
OTHER TAXA										
Radiolaria			0	0	0	0	0	0	0	0
Actinopoda			0	0	0	0	0	0	0	0
Foraminifera			0	0	0	0	0	0	0	0
Total Densities			66,670	533,300	72,000	266,700	266,700	29,600,000	400,000	133,300
Macrofauna Taxa List		Site	2	5	8	9	13	14	16	19
Average No. m ⁻²		Date	28.03.02	28.03.02	28.03.02	28.03.02	28.03.02	28.03.02	28.03.02	28.03.02
ANNELIDA										
Nereidae			0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>			0	0	0	0	0	0	0	0
Oligochaeta			0	0	0	0	89	0	0	0
Tubificidae			153	0	5,459	0	892	24,185	0	0
<i>Tubificoides</i>			0	0	386	0	0	904	0	0
CRUSTACEA										
Copepoda			0	0	0	0	0	0	0	0
Calanoida			0	0	0	0	0	0	0	0
Mysidae			0	0	0	0	0	0	0	0
<i>Neomysis integer</i>			0	0	663	0	0	1,155	0	0
Pontoporeiidae										
<i>Bathyporeia pilosa</i>			0	0	0	0	0	0	0	0
Gammaridae			0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.			0	0	0	0	0	0	0	0
Corophiidae										
<i>Corophium</i> spp.			0	0	0	0	0	0	0	0
Anthuridae										
<i>Cyathura carinata</i>			0	0	0	0	0	0	0	0
Crangonidae										
<i>Crangon</i> sp.			0	0	0	0	0	0	0	0
Collembola			0	0	0	0	0	0	0	0
MOLLUSCA										
Hydrobiidae			0	0	0	0	0	0	0	0
Mytilidae										
<i>Mytilus edulis</i>			0	0	0	0	0	0	0	0
Total Densities			153	0	6,508	0	981	26,244	0	0

Macroinvertebrate Subtidal Grabs

Autumn 2002									
Meiofauna Taxa List	Site	2	5	8	9	13	14	16	19
Average No. m ⁻²	Date	19.09.02	19.09.02	19.09.02	19.09.02	19.09.02	19.09.02	19.09.02	19.09.02
NEMERTEA		0	0	0	0	0	0	0	0
GASTROTRICHA		0	0	0	0	0	0	0	0
NEMATODA		266,700	133,300	18,579	533,300	399,900	12,800,000	266,700	399,900
ANNELIDA									
Oligochaeta		0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0
CRUSTACEA									
Copepoda		0	0	18,579	0	0	1,140	0	0
Cyclopoida		0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	0
Mysidae		0	0	0	0	0	0	0	0
MOLLUSCA		0	0	18,579	0	0	0	0	0
OTHER TAXA									
Radiolaria		0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	0	0	0
Foraminifera		0	0	0	0	0	0	0	0
Total Densities		266,700	133,300	55,737	533,300	399,900	12,801,140	266,700	399,900
Macrofauna Taxa List	Site	2	5	8	9	13	14	16	19
Average No. m ⁻²	Date	19.09.02	19.09.02	19.09.02	19.09.02	19.09.02	19.09.02	19.09.02	19.09.02
ANNELIDA									
Nereidae		0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	20	0	0
Oligochaeta		0	0	0	0	0	0	0	0
Tubificidae		153	89	7,770	0	801	12,743	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0
CRUSTACEA									
Copepoda		0	0	0	0	0	1,243	0	0
Calanoida		0	0	0	0	0	0	0	0
Mysidae		0	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0
Pontoporeiidae									
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0
Corophiidae									
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0
Anthuridae									
<i>Cyathura carinata</i>		0	0	0	0	0	0	0	0
Crangonidae									
<i>Crangon</i> sp.		0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0
MOLLUSCA									
Hydrobiidae		0	0	0	0	0	0	0	0
Mytilidae									
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0
Total Densities		153	89	7,770	0	801	14,006	0	0

Macroinvertebrate Subtidal Grabs

Spring 2004													
Meiofauna Taxa List	Site	2	5	8	9	13	14	16	19	26	27	28	29
Average No. m ⁻²	Date	17.05.04	17.05.04	17.05.04	17.05.04	17.05.04	17.05.04	01.06.04	01.06.04	01.06.04	01.06.04	01.06.04	01.06.04
NEMERTEA		0	0	0	0	0	0	*	0	0	*	0	0
GASTROTRICHA		0	0	0	0	0	0	*	0	0	*	0	0
NEMATODA		16,296	15,407	180,889	28,593	6,370	55,259	*	1,334	22,222	*	3,333	2,667
ANNELIDA													
Oligochaeta		0	0	0	3,111	0	0	*	0	0	*	0	0
Tubificidae		0	0	0	0	0	0	*	0	0	*	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	*	0	0	*	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	*	0	0	*	0	0
CRUSTACEA													
Copepoda		1,481	2,222	0	1,481	0	0	*	0	0	*	0	0
Cyclopoida		0	0	0	0	0	0	*	0	0	*	0	0
Calanoida		0	0	0	0	0	0	*	0	0	*	0	0
Ostracoda		0	0	0	0	0	0	*	0	0	*	0	0
Mysidae		0	0	0	0	593	0	*	0	0	*	0	0
MOLLUSCA		0	0	0	0	0	0	0	0	0	0	0	0
OTHER TAXA													
Radiolaria		0	0	0	0	0	0	*	0	0	*	0	0
Actinopoda		0	14,222	0	7,852	593	16,592	*	0	0	*	0	0
Foraminifera		90,074	107,111	545,630	184,741	73,926	172,148	*	0	23,333	*	0	7,111
Total Densities		107,851	138,963	726,518	225,778	81,482	243,999	0	1,334	45,555	0	3,333	9,778
Macrofauna Taxa List	Site	2	5	8	9	13	14	16	19	26	27	28	29
Average No. m ⁻²	Date	17.05.04	17.05.04	17.05.04	17.05.04	17.05.04	17.05.04	01.06.04	01.06.04	01.06.04	01.06.04	01.06.04	01.06.04
ANNELIDA													
Nereidae		0	0	0	0	0	0	*	0	0	*	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	*	0	0	*	0	0
Oligochaeta		0	0	0	0	0	0	*	0	0	*	0	0
Tubificidae		0	0	0	0	0	0	*	0	0	*	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	*	0	0	*	0	0
CRUSTACEA													
Copepoda		0	0	0	0	0	0	*	0	0	*	0	0
Calanoida		0	163	0	0	0	0	*	0	0	*	0	0
Mysidae		0	30	0	0	0	0	*	0	0	*	0	0
<i>Neomysis integer</i>		0	0	15	44	15	0	*	0	22	*	0	0
Pontoporeiidae													
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	*	0	0	*	0	0
Gammaridae		0	0	0	0	0	0	*	0	0	*	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	*	0	0	*	0	0
Corophiidae													
<i>Corophium</i> spp.		0	0	0	0	0	0	*	0	0	*	0	0
Anthuridae													
<i>Cyathura carinata</i>		0	0	0	0	0	15	*	0	22	*	0	0
Crangonidae													
<i>Crangon</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	*	0	0	*	0	0
MOLLUSCA													
Hydrobiidae		0	0	0	0	0	0	*	0	0	*	0	0
Mytilidae													
<i>Mytilus edulis</i>		0	15	0	0	0	0	*	0	0	*	0	0
Total Densities		0	207	15	44	15	15	0	0	44	0	0	0

Macroinvertebrate Subtidal Grabs

Summer 2004													
Meiofauna Taxa List	Site	2	5	8	9	13	14	16	19	26	27	28	29
Average No. m ⁻²	Date	02.08.04	02.08.04	02.08.04	02.08.04	02.08.04	02.08.04	03.08.04	03.08.04	03.08.04	03.08.04	03.08.04	03.08.04
NEMERTEA		0	0	0	0	0	0	0	0	0	0	0	0
GASTROTRICHA		0	0	0	0	0	0	0	0	0	0	0	0
NEMATODA		6,667	51,111	3,259	64,444	5,334	4,000	7,704	21,630	5,778	25,482	36,741	66,370
ANNELIDA													
Oligochaeta		0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	44,444	0	0	0	0	0	11,852	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0
CRUSTACEA													
Copepoda		0	0	0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	2,222	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	0	0	0	0	0
Mysidae		0	0	0	0	0	0	0	0	0	0	0	0
MOLLUSCA		0	0	0	0	0	0	0	0	0	0	0	0
OTHER TAXA													
Radiolaria		0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		2,222	8,889	1,778	4,444	0	0	0	0	889	0	24,889	8,296
Foraminifera		35,556	917,778	137,333	104,444	13,445	0	23,407	165,333	31,334	14,222	176,889	72,000
Total Densities		44,445	1,024,444	142,370	173,332	18,779	4,000	31,111	198,815	38,001	39,704	238,519	146,666
Macrofauna Taxa List	Site	2	5	8	9	13	14	16	19	26	27	28	29
Average No. m ⁻²	Date	02.08.04	02.08.04	02.08.04	02.08.04	02.08.04	02.08.04	03.08.04	03.08.04	03.08.04	03.08.04	03.08.04	03.08.04
ANNELIDA													
Nereidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	29	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	1,156	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0	0	0
CRUSTACEA													
Copepoda		0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	133	15	15	0	0	15	0
Mysidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0	0	0	0	0
Pontoporeiidae													
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	15	29	30
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0
Corophiidae													
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0
Anthuridae													
<i>Cyathura carinata</i>		0	0	0	0	0	0	0	0	0	0	0	0
Crangonidae													
<i>Crangon</i> sp.		0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0
MOLLUSCA													
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	0
Mytilidae													
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		0	0	0	1,156	0	133	44	15	0	15	44	30

Macroinvertebrate Subtidal Grabs

Autumn 2004													
Meiofauna Taxa List	Site	2	5	8	9	13	14	16	19	26	27	28	29
Average No. m ⁻²	Date	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04
NEMERTEA		0	0	0	0	0	0	0	0	0	0	0	0
GASTROTRICHA		0	0	0	0	0	0	0	0	0	0	0	0
NEMATODA		2,074	16,593	4,889	6,518	889	0	23,704	5,926	3,111	0	17,778	0
ANNELIDA													
Oligochaeta		0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0
CRUSTACEA													
Copepoda		593	741	0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	0	0	0	0	0
Mysidae		0	0	0	0	0	0	0	0	0	0	0	0
MOLLUSCA		0	0	0	0	0	0	0	0	0	0	0	0
OTHER TAXA													
Radiolaria		0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		0	1,185	2,222	0	2,074	0	0	0	0	0	0	0
Foraminifera		60,593	89,703	24,000	37,185	21,926	46,666	162,963	29,630	1,830,074	288,888	231,111	234,074
Total Densities		63,259	108,222	31,111	43,704	24,889	46,666	186,666	35,556	1,833,185	288,888	248,889	234,074
Macrofauna Taxa List	Site	2	5	8	9	13	14	16	19	26	27	28	29
Average No. m ⁻²	Date	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04	29.09.04
ANNELIDA													
Nereidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0	0	0
CRUSTACEA													
Copepoda		0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0
Mysidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	30	15	15	1,141	0	0	0	0	0	0
Pontoporeiidae													
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0
Corophiidae													
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0	0	0	0
Anthuridae													
<i>Cyathura carinata</i>		0	0	0	0	0	0	0	0	0	0	0	0
Crangonidae													
<i>Crangon</i> sp.		0	0	0	0	0	0	0	0	0	0	0	15
Collembola		0	0	0	0	0	0	0	0	0	0	0	0
MOLLUSCA													
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	0
Mytilidae													
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0	0	0
Total Densities		0	0	30	15	15	1,141	0	0	0	0	0	15

Macroinvertebrate Subtidal Grabs

Spring 2005													
Meiofauna Taxa List	Site	2	5	8	9	13	14	16	19	26	27	28	29
Average No. m ⁻²	Date	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05
Foraminifera		489,036	87,111	135,555	550,667	11,407	67,852	94,518	6,666	55,852	6,519	8,889	55,185
Nematoda		97,333	99,704	4,889	2,667	0	0	0	889	35,556	0	0	1,481
Oligochaeta		0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides sp</i>		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i>		0	0	0	0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		0	1,481	7,556	0	0	0	2,667	0	0	0	0	0
Ostracoda		4,444	0	0	1,778	0	0	0	0	0	0	0	0
Mysidae		0	0	0	0	0	0	0	0	0	0	0	0
Copepoda		0	741	0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0
Acanthometra		0	0	0	0	0	0	0	0	0	0	0	0
Cyprid		593	0	0	1,778	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0	0	0	0
Bivalve		0	0	1,778	0	0	2,519	444	0	0	0	0	27,778
Total densities (excluding foraminifera)		102,370	101,926	14,222	6,222	0	2,519	3,111	889	35,556	0	0	29,259
Macrofauna Taxa List	Site	2	5	8	9	13	14	16	19	26	27	28	29
Average No. m ⁻²	Date	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05
Oligochaete		0	15	0	0	0	0	0	0	15	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus hoffmeisteri</i>		0	30	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides pseudogaster agg</i>		15	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	15	0	0	15
<i>Cyathura carinata ?</i>		0	0	0	0	0	0	0	0	0	0	0	0
Mysidae		0	0	15	0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0	0	0	0	0
<i>Crangon sp</i>		0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium sp</i>		0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		15	0	0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus sp</i>		0	0	0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	0
Scatopsidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Potamopygus jenkins</i>		0	0	0	0	0	0	0	0	0	0	0	0
Chironomids		0	0	0	0	0	0	0	0	0	0	0	0
Dipteran Pupae		0	0	0	0	0	0	0	0	0	0	0	0
Bivalve		0	0	0	0	0	0	0	0	0	0	0	0
<i>Balanus improvisus</i>		0	0	0	0	0	0	0	0	0	0	0	0
Total densities		29	44	15	0	0	0	0	0	29	0	0	15

Macroinvertebrate Subtidal Grabs

Summer 2005													
Meiofauna Taxa List	Site	2	5	8	9	13	14	16	19	26	27	28	29
Average No. m ⁻²	Date	26-Jul-05	26-Jul-05	26-Jul-05	26-Jul-05	26-Jul-05	26-Jul-05	26-Jul-05	26-Jul-05	26-Jul-05	26-Jul-05	26-Jul-05	26-Jul-05
Foraminifera		20,000	151,111	9,630	6,222	0	262,963	557,037	3,704	7,407	23,704	322,222	51,111
Nematoda		0	18,519	3,333	1,037	0	2,963	1,481	0	0	10,370	8,889	0
Oligochaeta		0	741	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides sp</i>		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i>		0	0	0	0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	13,333	0	0	0	0	0	0
Ostracoda		0	16,296	0	0	0	15,556	2,222	0	0	1,481	17,778	3,704
Mysidae		0	0	0	0	0	0	0	0	0	0	0	0
Copepoda		0	741	0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0	0	0
Calanoida		2,222	741	1,481	741	0	1,481	0	0	0	0	0	0
Acanthometra		0	0	0	0	0	0	0	0	0	0	0	0
Cyprid		0	741	0	0	0	0	0	0	0	0	0	741
Nemertea		0	0	0	0	0	0	0	0	0	0	0	0
Bivalve		0	741	0	667	0	1,481	741	0	0	0	0	0
4													
Total densities (excluding foraminifera)		2,222	38,518	4,815	2,444	0	34,814	4,444	0	0	11,852	26,667	4,444
Macrofauna Taxa List	Site	2	5	8	9	13	14	16	19	26	27	28	29
Average No. m ⁻²	Date	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05	26-Apr-05
Oligochaete		0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	15	0	0	0	0	0	0	0	0	0
<i>Limnodrilus hoffmeisteri</i>		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides pseudogaster agg</i>		0	0	0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	15	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0	0	0	0
<i>Cyathura carinata ?</i>		0	0	0	0	0	0	0	0	0	0	0	0
Mysidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	15	0	0	0	15	0	0	0	0
<i>Crangon sp</i>		0	0	0	0	0	0	15	0	44	0	15	0
Calanoida		30	15	44	59	0	0	0	0	15	0	0	0
<i>Corophium sp</i>		0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus sp</i>		0	0	0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	0
Scatopsidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Potamopygus jenkins</i>		0	0	0	0	0	0	0	0	0	0	0	0
<i>Chronomids</i>		0	0	0	0	0	0	0	0	0	0	0	0
Dipteran Pupae		0	0	0	0	0	0	0	0	0	0	0	0
Bivalve		0	0	0	0	0	0	0	0	0	0	0	0
<i>Balanus improvisus</i>		0	0	0	0	0	0	0	0	0	0	0	0
Total densities		30	15	59	88	0	0	15	0	74	0	15	0

Macroinvertebrate Subtidal Grabs

Autumn 2005													
Meiofauna Taxa List													
Site	2	5	8	9	13	14	16	19	26	27	28	29	
Average No. m ⁻²	Date	20.10.05	20.10.06	20.10.06	20.10.06	20.10.06	20.10.06	19.10.06	19.10.06	19.10.05	19.10.05	19.10.05	
Foraminifera		240,000	6,617,772	3,599,997	90,370	251,852	350,370	107,407	3,442,959	1,377,776	405,926	290,370	1,392,591
Nematoda		25,185	53,333	0	0	741	8,889	14,815	0	29,630	0	11,852	1,481
Oligochaeta		0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> sp		0	0	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i>		0	0	0	0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	2,963	0	11,852	0	0	0	0
Ostracoda		16,296	0	337,777	17,778	20,741	97,778	14,074	133,333	379,259	133,333	106,667	651,851
Mysidae		0	0	0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	741	0	0	0	0	0
Cyclopoida		0	0	0	0	741	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0	0	0
Acanthometra		0	0	0	0	2,963	0	0	0	0	11,852	0	1,481
Nemertea		0	0	0	0	0	0	0	0	0	0	0	0
Total densities		281,481	6,671,105	3,937,774	108,148	277,037	460,000	137,037	3,588,144	1,786,665	551,111	408,889	2,047,405
Macrofauna Taxa List													
Site	2	5	8	9	13	14	16	19	26	27	28	29	
Average No. m ⁻²	Date	20.10.05	20.10.05	20.10.05	20.10.05	20.10.05	20.10.05	19.10.05	19.10.05	19.10.05	19.10.05	19.10.05	
Oligochaete		0	0	0	0	0	0	0	0	0	15	0	
Tubificidae		0	0	0	0	0	0	0	0	0	0	15	
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0	0	
Collembola		0	0	0	0	0	0	0	0	0	0	0	
Nereidae		0	0	0	0	0	0	0	0	0	0	15	
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0	0	0	
<i>Cyathura carinata</i> ?		0	0	0	0	0	0	0	0	0	0	0	
Mysidae		0	0	0	0	0	0	0	0	0	0	0	
<i>Neomysis integer</i>		15	0	15	0	0	0	0	0	0	0	0	
<i>Crangon</i> sp		0	0	0	0	0	0	0	0	0	0	0	
Calanoida		0	0	0	59	0	0	0	0	0	0	0	
<i>Corophium</i> sp		0	0	0	0	0	0	0	0	0	0	0	
Gammaridae		0	0	0	0	0	0	0	0	0	0	0	
<i>Gammarus</i> sp		0	0	0	0	0	0	0	0	0	0	0	
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0	0	
Hydrobiidae		0	0	0	0	0	0	0	0	0	0	0	
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0	0	
Scatopsidae		0	0	0	0	0	0	15	0	0	0	0	
<i>Potamopygus jenkins</i>		0	0	0	0	0	0	0	0	0	0	15	
Chironomids		0	0	0	0	0	0	0	15	0	0	0	
Dipteran Pupae		0	0	0	0	15	0	0	15	0	0	0	
Bivalve		0	0	15	0	0	0	0	0	0	0	0	
<i>Balanus improvisus</i>		0	0	0	0	0	0	1,541	978	222	0	607	
Total densities		15	0	29	59	15	0	1,555	1,007	222	15	651	

Macroinvertebrate Subtidal Grabs

Spring 2006											
Meiofauna Taxa List	Site	2	5	8	9	13	14	16	19	27	29
Average No. m ⁻²	Date	28 Apr 06	28 Apr 06	28 Apr 06	28 Apr 06	28 Apr 06	28 Apr 06	28 Apr 06	26 Apr 06	26 Apr 06	26 Apr 06
NEMERTEA		0	0	0	0	0	0	0	0	0	0
GASTROTRICHA		0	0	0	0	0	0	0	0	0	0
NEMATODA		0	1481	0	97778	13335	0	0	94815	59259	23704
ANNELIDA		0	0	0	0	0	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0
CRUSTACEA		0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0
Ostracoda		0	2963	0	0	0	0	0	0	0	23704
Mysidae		0	0	0	0	0	0	0	0	0	0
MOLLUSCA		0	0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0	0
Hydrobidae veliger		0	0	0	0	0	0	0	0	0	0
Gastropoda		0	0	0	0	0	0	0	0	0	0
OTHER TAXA		0	0	0	0	0	0	0	0	0	0
Radiolaria		0	0	0	0	0	0	0	0	0	0
Actinopoda		0	0	94815	0	0	0	0	0	47407	23704
Cyprid		0	0	0	0	0	0	0	0	0	0
Foraminifera		122963	361481	5454217	151111	979286	494815	0	71111	237037	877036
Acanthometra		0	0	0	0	0	0	0	0	0	0
Nauplii (Barnacle)		0	0	0	0	0	0	0	0	0	0
Total Densities (excluding foraminifera)		0	4444	94815	97778	13335	0	0	94815	106667	71111
Macrofauna Taxa List	Site	2	5	8	9	13	14	16	19	27	29
Average No. m ⁻²	Date	Spring 06	Spring 06	Spring 06	Spring 06	Spring 06	Spring 06	Spring 06	Spring 06	Spring 06	Spring 06
ANNELIDA		0	0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0	30
Tubificidae		0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus hoffmeisteri</i>		0	0	0	0	0	0	0	0	0	0
CRUSTACEA		0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	533	148	104
Calanoida		15	0	0	0	0	0	0	0	0	0
Mysidae		0	0	0	15	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	30	0	0	0	0	0	0
Pontoporeiidae		0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0
Corophiidae		0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0	0
Anthuridae		0	0	0	0	0	0	0	0	0	0
<i>Cyathura carinata</i>		0	0	0	0	0	0	0	0	0	0
Crangonidae		0	0	0	0	0	0	0	0	0	0
<i>Crangon</i> sp.		0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0
MOLLUSCA		0	0	0	0	0	0	0	0	0	0
Hydrobidae		0	0	0	0	0	0	0	0	0	0
Mytilidae		0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0
<i>Balanus improvisus</i>		0	0	0	0	0	0	0	0	0	0
<i>Potamopygus jenkins</i>		0	0	0	0	0	0	0	0	0	0
INSECTA		0	0	0	0	0	0	0	0	0	0
Chronomidae		0	0	0	0	0	0	0	0	0	0
Scatopsidae		0	0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0	0
Total density		15	0	0	44	0	0	0	533	148	133

Macroinvertebrate Subtidal Grabs

Summer 2006											
Meiofauna Taxa List											
Average No. m ⁻²	Site	2	5	8	9	13	14	16	19	27	29
Date	Date	14 Aug 06	14 Aug 06	14 Aug 06	14 Aug 06	14 Aug 06	14 Aug 06	14 Aug 06	11 Aug 06	11 Aug 06	11 Aug 06
NEMERTEA		0	0	0	0	0	0	0	0	0	0
GASTROTRICHA		0	0	0	0	0	0	0	0	0	0
NEMATODA		0	0	8889	17778	4444	342222	5926	0	8889	6667
ANNELIDA		0	0	0	0	0	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0
CRUSTACEA		0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0
Ostracoda		0	0	0	0	0	11852	0	0	0	0
Mysidae		0	0	0	0	0	0	0	0	0	0
MOLLUSCA		0	0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0	0
Hydrobidae veliger		0	0	0	0	0	0	0	0	0	0
Gastropoda		0	0	0	0	0	0	0	0	0	0
OTHER TAXA		0	0	0	0	0	0	0	0	0	0
Radiolaria		0	0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	5926	2963	8889	0	0	0	0
Cyprid		0	0	0	0	0	0	0	0	0	0
Foraminifera		0	0	823703	237037	128889	462222	59259	177778	74074	160000
Acanthometra		0	0	0	0	0	0	0	0	0	0
Nauplii (Barnacle)		0	0	0	0	0	0	0	0	0	0
Unidentified protozoa		0	0	0	0	0	4444	0	0	0	0
Total Densities (excluding foraminifera)		0	0	0	23704	7407	0	0	0	0	0
Macrofauna Taxa List											
Average No. m ⁻²	Site	2	5	8	9	13	14	16	19	27	29
Date	Date	14 Aug 06	14 Aug 06	14 Aug 06	14 Aug 06	14 Aug 06	14 Aug 06	14 Aug 06	11 Aug 06	11 Aug 06	11 Aug 06
ANNELIDA		0	0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	15	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus hoffmeisteri</i>		0	0	0	0	0	0	0	0	0	0
CRUSTACEA		0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0	0
Mysidae		0	0	44	59	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	15	0	0	0	0	0	0	0
Pontoporeiidae		0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0
Corophiidae		0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0	0
Anthuridae		0	0	0	0	0	0	0	0	0	0
<i>Cyathura carinata</i>		0	0	0	0	0	0	0	0	0	0
Crangonidae		0	0	0	0	0	0	0	0	0	0
<i>Crangon</i> sp.		0	0	0	0	0	15	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0
MOLLUSCA		0	0	0	0	0	0	0	0	0	0
Hydrobidae		0	0	0	0	0	0	0	0	0	0
Mytilidae		0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0
<i>Balanus improvisus</i>		0	0	0	0	0	0	0	0	0	0
<i>Potamopygus jenkins</i>		0	0	0	0	0	0	0	0	0	0
INSECTA		0	0	0	0	0	0	0	0	0	0
Chronomidae		0	0	0	0	0	0	0	0	0	0
Scatopsidae		0	0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0	0
Total density		0	0	59	59	0	29	0	0	0	0

Macroinvertebrate Subtidal Grabs

Autumn 2006											
Meiofauna Taxa List											
Average No. m ²	Site Date	2 10 Oct 06	5 10 Oct 06	8 10 Oct 06	9 10 Oct 06	13 10 Oct 06	14 10 Oct 06	16 10 Oct 06	19 09 Oct 06	27 09 Oct 06	29 09 Oct 06
NEMERTEA		0	0	0	0	0	0	0	0	0	0
GASTROTRICHA		0	0	0	0	0	0	0	0	0	0
NEMATODA		0	0	35556	1111	10370	23704	0	0	0	2222
ANNELIDA		0	0	0	0	0	0	0	0	0	0
Oligochaeta		0	0	0	0	0	5926	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0
CRUSTACEA		0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0
Calanoida		1778	0	0	0	0	0	0	0	0	0
Ostracoda		444	0	0	1111	0	0	2222	0	0	0
Mysidae		0	0	0	0	0	0	0	0	0	0
MOLLUSCA		0	0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0	0
Hydrobiae veliger		0	0	0	0	0	0	0	0	0	0
Gastropoda		0	0	0	1481	0	0	0	0	0	0
OTHER TAXA		0	0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	0	0	0	0	0
Cyprid		0	0	0	0	0	0	0	0	0	0
Foraminifera		4444	2177776	622222	737409	8889	0	60000	0	0	0
Acanthometra		0	0	0	0	0	0	0	0	0	0
Nauplii (Barnacle)		0	0	0	0	0	0	0	0	0	0
Unidentified protozoa		0	0	0	0	0	0	0	0	0	0
Total Densities (excluding foraminifera)		2222	0	35556	3703	10370	29630	2222	0	0	2222
Macrofauna Taxa List											
Average No. m ²	Site Date	2 10 Oct 06	5 10 Oct 06	8 10 Oct 06	9 10 Oct 06	13 10 Oct 06	14 10 Oct 06	16 10 Oct 06	19 09 Oct 06	27 09 Oct 06	29 09 Oct 06
ANNELIDA		0	0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus hoffmeisteri</i>		0	0	0	0	0	0	0	0	0	0
CRUSTACEA		0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0
Calanoida		74	0	0	74	193	0	74	0	0	0
Mysidae		0	0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	15	0	0	59	30	0	0	0
Pontoporeiidae		0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0
Corophiidae		0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0	0
Anthuridae		0	0	0	0	0	0	0	0	0	0
<i>Cyathura carinata</i>		0	0	0	0	0	0	0	0	0	0
Crangonidae		0	0	0	0	0	0	0	0	0	0
<i>Crangon</i> sp.		0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0
MOLLUSCA		0	0	0	0	0	0	0	0	0	0
Hydrobiae		0	0	0	0	0	0	0	0	0	0
Mytilidae		0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0
<i>Balanus improvisus</i>		0	0	0	0	0	0	0	0	0	0
<i>Potamopygus jenkins</i>		0	0	0	0	0	0	0	0	0	0
INSECTA		0	0	0	0	0	0	0	0	0	0
Chironomidae		0	0	0	0	0	0	0	0	0	0
Scatopsidae		0	0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0	0
<i>Assimineia grayana</i>		0	0	0	0	0	119	0	0	0	0
Total density		74	0	15	74	193	59	104	0	0	0

Macroinvertebrate Subtidal Grabs

Spring 2007											
Meiofauna Taxa List											
Average No. m ²	Site Date	2 22 Mar 07	5 22 Mar 07	8 22 Mar 07	9 22 Mar 07	13 22 Mar 07	14 22 Mar 07	16 22 Mar 07	19 21 Mar 07	27 21 Mar 07	29 21 Mar 07
NEMERTEA		0	0	0	0	0	0	0	0	0	0
GASTROTRICHA		0	0	0	0	0	0	0	0	0	0
NEMATODA		29	0	31555	0	3704	34074	2593	0	1481	0
ANNELIDA		0	0	0	0	0	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0	0
CRUSTACEA		0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0	0
Calanoida		74	0	0	0	0	0	0	0	741	0
Ostracoda		0	0	11852	0	0	0	0	0	0	0
Mysidae		0	0	0	0	0	0	0	0	0	0
MOLLUSCA		0	0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0	0
Hydrobiidae veliger		0	0	0	0	0	0	0	0	0	0
Gastropoda		0	0	0	0	0	0	0	0	0	0
OTHER TAXA		0	0	0	0	0	0	0	0	0	0
Radiolaria		0	0	0	0	0	0	0	0	0	0
Actinopoda		0	0	11852	0	0	0	5185	0	0	0
Cyprid		0	0	0	0	0	0	0	0	0	0
Foraminifera		5941	93926	562666	94815	203703	1023703	31111	20000	2963	0
Acanthometra		0	0	0	0	0	0	0	0	0	0
Nauplii (Barnacle)		0	0	0	0	0	0	0	0	0	0
Total Densities (excluding foraminifera)		103	0	55259	0	3704	34074	7778	0	2222	0
Macrofauna Taxa List											
Average No. m ²	Site Date	2 22 Mar 07	5 22 Mar 07	8 22 Mar 07	9 22 Mar 07	13 22 Mar 07	14 22 Mar 07	16 22 Mar 07	19 21 Mar 07	27 21 Mar 07	29 21 Mar 07
ANNELIDA		0	0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0	0
Oligochaeta		0	0	44	0	0	89	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus hoffmeisteri</i>		0	0	0	0	0	0	0	0	0	0
CRUSTACEA		0	0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0	0
Calanoida		29	0	44	59	44	15	30	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	30	0
Harpacticoida		0	0	0	0	0	0	0	15	118	0
Mysidae		0	0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>		0	0	0	0	0	0	0	0	0	0
Pontoporeiidae		0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0	0
Corophiidae		0	0	0	0	0	15	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	15	0	0	0
Anthuridae		0	0	0	0	0	0	0	0	0	0
<i>Cyathura carinata</i>		0	0	0	0	0	0	0	0	0	0
Crangonidae		0	0	0	0	0	0	0	0	0	0
<i>Crangon</i> sp.		0	0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0	0
MOLLUSCA		0	0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0	0
Mytilidae		0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0	0
<i>Balanus improvisus</i>		0	0	0	0	0	0	0	0	0	0
<i>Potamopygus jenkins</i>		0	0	0	0	0	0	0	0	0	0
INSECTA		0	0	0	0	0	0	0	0	0	0
Chronomidae		0	0	0	0	0	0	0	0	0	0
Scatopsidae		0	0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0	0
Total density		29	0	89	59	44	118	44	15	148	0

Macroinvertebrate Subtidal Trawl

Total Density m ⁻²	Spring 2003										Autumn 2003									
	Zone 2										Zone 2									
	Date	29.05.03	29.05.03	29.05.03	29.05.03	29.05.03	29.05.03	29.05.03	29.05.03	29.05.03	29.05.03	18.11.03	18.11.03	18.11.03	18.11.03	18.11.03	18.11.03	18.11.03	18.11.03	18.11.03
Site	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
<i>Neomysis integer</i>	56.27	44.27	26.93	113.20	38.80	188.13	Not sampled	Not sampled	Not sampled	Not sampled	0.53	0.13	2.40	0.93	2.93	0	1.3	1.2	0.3	2
<i>Crangon crangon</i>	1.33	0.93	0.80	1.73	0	0.53					0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>	0	0	0	0	0	0					0	0	0	0	0	0	0.1	0	0	0
<i>Asellus aquaticus</i>	0.13	0.13	0	0	0	0					0	0	0	0	0	0	0	0	0	0
Chironomidae	0	0	0	0	0.13	0					0	0	0	0	0	0	0	0	0	0
Total Invert Taxa	3	3	2	2	2	2					1	1	1	1	1	0	2	1	1	1
Total Density m⁻²	57.73	45.33	27.73	114.93	38.93	188.67					0.53	0.13	2.40	0.93	2.93	0.00	1.47	1.20	0.27	2.00

Macroinvertebrate Subtidal Trawl

Total Density m ⁻²	Spring 2004										Summer 2004										Autumn 2004									
	Zone 1										Zone 1										Zone 1									
Date	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	27.05.04	09.08.04	09.08.04	09.08.04	09.08.04	09.08.04	09.08.04	09.08.04	09.08.04	09.08.04	09.08.04	23.09.04	23.09.04	23.09.04	23.09.04	23.09.04	23.09.04	23.09.04	23.09.04	23.09.04	23.09.04
Site	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	2	3	4	5	6	7	8	9	10	
ANNELIDA																														
Nereidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hediste diversicolor	0	0	0.33	0	0	0	0	0	0.33	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oligochaetes	0	0	0	0	0	0	0	0	1.00	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTACEA																														
Balanidae	0	0	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balanus improvisus	0	0	0	1.00	0	0	1.33	0.33	2.00	0	0	0	12.67	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Semibalanus balanoides	0	0	0	0	0	0.33	0	1.33	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mysidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neomysis integer	0.33	3.33	1.67	5.67	1.67	0.33	0.67	2.33	1.67	1.67	242.33	116.00	122.67	167.67	142.33	136.00	121.67	30.33	377.33	283.67	0	0	0	0	0.33	0	0	0	0	0
Gammaridae	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammarus zaddachi	0	0.33	0	1.33	0	0.33	0.67	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium volutator	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asellidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asellus aquaticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palaemonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palaemon elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crangonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crangon crangon	42.33	28.00	29.67	38.67	39.33	18.67	21.67	31.67	25.33	19.00	10.00	4.00	3.00	3.33	0.67	1.00	1.67	3.00	5.00	0.33	0	0	0	0	0	0	0	0	0	0
Portunidae	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOLLUSCA																														
Hydrobiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrobia ulvae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0
Mytilidae	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tellinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malcoma balthica	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER TAXA, INCLUDING FRESHWATER SPECIES																														
Daphnidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0
Nematocera (pupa)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0.33	0	0	0
Stratiomyidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified dipteran larva	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corixidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0
Oribatei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Muscidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pericoma sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isotomidae	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Invert Taxa	2	3	5	4	2	5	4	5	7	2	3	2	4	3	2	2	3	2	2	2	0	0	1	1	1	2	1	0	0	0
Total Density m ⁻²	42.67	32.00	32.67	46.67	41.00	20.00	24.33	36.33	31.33	20.67	252.67	120.00	138.67	171.67	143.00	137.00	123.33	33.67	382.33	284.00	0.00	0.00	0.33	0.33	0.33	0.67	0.33	0.00	0.00	0.00

Macroinvertebrate Subtidal Trawl

Total density m ⁻²	Spring 2004										Summer 2004										Autumn 2004									
	Zone 2										Zone 2										Zone 2									
Date	14.05.04	14.05.04	14.05.04	14.05.04	14.05.04	14.05.04	14.05.04	14.05.04	14.05.04	14.05.04	28.07.04	28.07.04	28.07.04	28.07.04	28.07.04	28.07.04	28.07.04	28.07.04	28.07.04	28.07.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04	24.09.04
Site	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
ANNELIDA																														
Nereidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>	0.33	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oligochaetes	0.33	0.67	0.33	1	0.67	0	0	0	1.67	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTACEA																														
Balanidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Balanus improvisus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Semibalanus balanoides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mysidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>	0	0	0	0	0	0	0	0	0	0	79.33	58.33	6.67	42.67	86.33	30	96.67	49.67	37.33	90	0	0.33	0.33	0	0	0.33	0.67	0	0.33	1
Gammaridae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0
<i>Gammarus zaddachi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium</i> sp.	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asellidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asellus aquaticus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palaemonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Palaemon elegans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crangonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Crangon crangon</i>	0	0	0	0	0	0	0	0	0	0	5	10.67	1	1	3.67	0.67	2.33	3.67	4.67	1.67	0	0	0	0	0.33	0.33	0.33	1.33	1.33	2.67
Portunidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOLLUSCA																														
Hydrobiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hydrobia ulvae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mytilidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tellinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Malcoma balthica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER TAXA, INCLUDING FRESHWATER SPECIES																														
Daphnidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematocera (pupa)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae	0	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0.67	0	0	0	0	0
Stratiomyidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified dipteran larva	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0
Corixidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oribatei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Muscidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pericoma</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isotomidae	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Invert Taxa	2	2	2	1	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	1	0	2	2	2	2	2	2
Total Density m ⁻²	0.67	1.33	0.67	1	1	0	0	0	2	0	84.33	69	7.67	43.67	90	30.67	99	53.33	42	91.67	0.67	0.67	0.33	0	1	0.67	1	1.67	1.67	3.67

Macroinvertebrate Subtidal Trawl

Total Density m ⁻²	Spring 2004										Summer 2004										Autumn 2004									
	Zone 3										Zone 3										Zone 3									
Date	11.05.04	11.05.04	11.05.04	11.05.04	11.05.04	11.05.04	11.05.04	11.05.04	11.05.04	11.05.04	27.07.04	27.07.04	27.07.04	27.07.04	27.07.04	27.07.04	27.07.04	27.07.04	27.07.04	27.07.04	07.10.04	07.10.04	07.10.04	07.10.04	07.10.04	07.10.04	07.10.04	07.10.04	07.10.04	07.10.04
Site	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
ANNELIDA																														
Nereidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>	0	0.33	0	0	0.33	0	0.33	0	0.33	0	0	0	0.33	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oligochaetes	0.33	0	0.67	0	0.67	0.33	0.67	0.33	0.33	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTACEA																														
Balanidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Balanus improvisus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Semibalanus balanoides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mysidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Neomysis integer</i>	0	0	0	0.33	0	0	0.67	0	0.33	0	0	2.33	0.67	0.33	0	0	0	0	0	0	1.00	0.67	0	0.67	0.33	0.33	0.33	0.33	0.33	0
Gammaridae	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gammarus zaddachi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0
Asellidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asellus aquaticus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palaemonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Palaemon elegans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.00	0.33	0	0	0.67	0	0
Crangonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Crangon crangon</i>	0	0	0.67	0	0	0.67	0.33	0	0	0.33	0	1	0	0	0	0	0	0.33	0.33	0	1.00	0.33	0.67	1.67	1.00	0	0	1.00	0.33	0.67
Portunidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOLLUSCA																														
Hydrobiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Hydrobia ulvae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mytilidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tellinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Malcoma balthica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER TAXA, INCLUDING FRESHWATER SPECIES																														
Daphniidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0
Nematocera (pupa)	0	0	0	0.33	0	0.33	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stratiomyidae	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified dipteran larva	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corixidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oribatei	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylinidae	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Muscidae	0	0	0	0	0	0.33	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pericoma</i> sp.	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isotomidae	0.33	0	0	0	0	0.33	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Invert Taxa	2	1	2	2	3	5	5	2	8	3	0	2	2	1	0	0	1	1	0	0	2	4	1	3	3	1	1	3	2	1
Total Density m ⁻²	0.67	0.33	1.33	0.67	1.33	2.00	2.33	0.67	2.67	1.00	0.00	3.33	1.00	0.33	0.00	0.00	0.33	0.33	0.00	0.00	2.00	1.67	0.67	3.33	1.67	0.33	0.33	2.00	0.67	0.67

Macroinvertebrate Subtidal Trawl (continued on next page)

Zone 3	Spring 2005										Summer 2005										Autumn 2005									
Total Density m⁻²	15 April 2005										27 July 2005										25 October 2005									
Species Inverts	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
ANNELIDA																														
Nereidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hediste diversicolor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oligochaetes	0.33	0	0.33	0	1	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0.33
Tubificidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	2	1.33	0	0	0	0	0	0	1.33
Naididae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.67	0	0	0	0	0	0	0	0
CRUSTACEA																														
Balanidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balanus improvisus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Semibalanus balanoides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mysidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neomysis integer	0	0	0	0	0	0	0	0	0	0	29	3	8.67	6.67	8	10	9	20.67	36.33	11.33	0	0	0	0	0	0	0	0	0	0
Gammaridae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammarus zaddachi	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammarus tigrinus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Copepoda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calanoida copepods	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium multisetosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium volutator	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asellidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asellus aquaticus	0	0	0	0	0	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.67	0	0	0	0	0	0	0
Palaemonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palaemon elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crangonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crangon crangon	0	0	0	0	0	0	0	0	0	0	0.67	0	0	0.33	0.33	0	0.33	0.33	0.67	0	0	0	0	0	0	0	0	0	0	0
Portunidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carcinus maenas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bathyporeia pilosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphaeroma rugicauda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOLLUSCA																														
Hydrobiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrobia ulvae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mytilidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tellinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malcoma balthica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER TAXA, INCLUDING FRESHWATER SPECIES																														
Daphnidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematocera (pupa)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0
Stratiomyidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified dipteran larva	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33
Dolichopodidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychodidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erpobdella sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Simuliidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladocera	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0.67
Corixidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oribatei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Muscidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pericoma sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Zone 3 Total Density m ⁻²	Spring 2005					15 April 2005					Summer 2005					27 July 2005					Autumn 2005					25 October 2005														
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Species Inverts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isotomidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea (Nemertopsis flavida)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematoda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0
Collembola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chaoboridae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nymphon sp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Invert Taxa	2	0	2	1	3	2	0	0	0	0	2	1	1	2	2	1	2	2	2	2	1	5	2	0	0	0	0	1	3	3	0.33	4	2	0	0	0	0	0	1	2.33
Total Density m ⁻²	0.67	0	0.67	0.33	1.67	1.33	0	0	0	0	29.67	3	8.67	7	8.33	10	9.33	21	37	11.67	0.33	4	2	0	0	0	0	0	1	2.33										

Macroinvertebrate Subtidal Trawl (continued on next page)

Zone 1 Total Density m ⁻²	Spring 2006										Summer 2006										Autumn 2006									
	28 April 2006										03 August 2006										03 August 2006									
Species Inverts	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
ANNELIDA																														
Nereidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neries diversicolor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oligochaetes	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0.67	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Naididae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTACEA																														
Balanidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balanus improvisus	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	3	2.33	2	0	1.33	0	0	0	0	16.67
Semibalanus balanoides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mysidae	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neomysis integer	0	1.33	0	0.33	0.67	0	3.67	0	10	3	480	280	400	320	240	616	464	169.67	240	10.67	0	4	0.33	0	0.67	0.33	0	0	0	0
Gammaridae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammarus zaddachi	0.33	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammarus tigrinus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Copeopoda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calanoida copepods	0	0	0	0.33	2.33	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium multisetosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium volutator	0	0	0.33	0.33	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asellidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asellus aquaticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palaemonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palaemon elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0.67	0	3.67	0.33	0	0	0	1.33	0	0.33	0	0.33	0.33	0.33	0	0.33	0.33
Crangonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crangon crangon	0	0	0	0	0	0	0	0	0.33	0	11.67	5.33	2.33	4.33	1	6	3.33	17.67	6.67	1	0.67	3.67	0	0	3	3.67	1.67	0	0.67	1
Portunidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carcinus maenas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0
Bathyporeia pilosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphaeroma rugicauda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOLLUSCA																														
Hydrobiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrobia ulvae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mytilidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tellinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malcoma balthica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER TAXA, INCLUDING FRESHWATER SPECIES																														
Daphnidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematocera (pupa)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae	0	0	0.67	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stratiomyidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified dipteran larva	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erpobdella sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dolichopodidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychodidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Simuliidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladocera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corixidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oribatei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Muscidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pericoma sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Zone 1 Total Density m ⁻²	Spring 2006										28 April 2006										Summer 2006										03 August 2006										Autumn 2006										03 August 2006									
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
Species Inverts																																																												
Isotomidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Nemertea (Nemertopsis flavida)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Nematoda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Collembola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Chaoboridae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Nymphon sp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Pediceolina sp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33										
Total Invert Taxa	1	1	3	3	3	0	2	0	4	3	2	4	2	3	2	4	3	2	2	3	3	4	3	0	4	3	2	0	1	4	3	4	3	0	4	3	2	0	1	4	3	4	3	0	4	3	2	0	1	4										
Total Density m ⁻²	0.33	1.33	1.33	1	3.67	0	4	0	11	3.67	491.67	286	402.33	325	241	626	467.67	187.33	246.67	12	5	10.33	2.67	0	5.33	4.33	2	0	0.67	18.33	5	10.33	2.67	0	5.33	4.33	2	0	0.67	18.33	5	10.33	2.67	0	5.33	4.33	2	0	0.67	18.33										

Macroinvertebrate Subtidal Trawl (continued on next page)

Zone 2 Total Density m ⁻²	Spring 2006										Summer 2006										Autumn 2006									
	28 April 2006										03 August 2006										13 October 2006									
Species Inverts	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
ANNELIDA																														
Nereidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neries diversicolor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oligochaetes	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Naididae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTACEA																														
Balanidae	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balanus improvisus	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Semibalanus balanoides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mysidae	0	0	0	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neomysis integer	2	1.67	1	2	1.33	0	2.33	2.33	0	0.67	8.67	3	4	30.33	0	10	2.33	4	16.33	14.67	1	1.33	9.33	13.67	37.33	11	0	0	40	4.33
Gammaridae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammarus zaddachi	0	0	0	0	0	0	0	0	0	1.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammarus tigrinus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Copeopoda	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0
Calanoida copepods	0	0	0	1	0.67	0	0	0.67	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium multisetosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium volutator	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asellidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asellus aquaticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palaemonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palaemon elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.67	0
Crangonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crangon crangon	0	0	0	0.33	0	0	0	0	0	0	2	1.67	2.33	4	0	2.33	5	2.33	1	1	3	2.67	3.33	1.67	1.33	3.67	0	0	2	1.67
Portunidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carcinus maenas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bathyporeia pilosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphaeroma rugicauda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOLLUSCA																														
Hydrobiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrobia ulvae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mytilidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tellinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malcoma balthica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER TAXA, INCLUDING FRESHWATER SPECIES																														
Daphnidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematocera (pupa)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stratiomyidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified dipteran larva	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dolichopodidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychodidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erpobdella sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Simuliidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladocera	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0
Corixidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oribatei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Muscidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pericoma sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Zone 2 Total Density m ⁻²	Spring 2006										Summer 2006										Autumn 2006									
	28 April 2006										03 August 2006										13 October 2006									
Species Inverts	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Isotomidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea (Nemertopsis flavida)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematoda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chaoboridae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nymphon sp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedunculata sp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Invert Taxa	1	1	1	4	3	0	2	2	1	3	3	2	3	3	1	2	2	2	3	4	2	2	2	2	2	2	0	0	3	2
Total Density m ⁻²	2	1.67	1	4	2.33	0	2.67	3	0.33	6	11	4.67	6.67	34.67	0.33	12.33	7.33	6.33	18.33	19	4	4	12.67	15.33	38.67	14.67	0	0	42.67	6

Macroinvertebrate Subtidal Trawl (continued on next page)

Spring 2007 Total Density m ⁻²	Zone 1 20 March 2007										Zone 2 20 March 2007									
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Species Inverts																				
ANNELIDA																				
Nereidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neries diversicolor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0
Oligochaetes	0.33	0	1	0	0	0	0.33	0	0	0	0	0	0	0	0.33	0	0	0	0.33	0
Tubificidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Naididae	0	0.33	0	0	0	0	0	0	0.33	1.33	0	0	0	0	0	0	0	0	0	0
CRUSTACEA																				
Balanidae	0	0.33	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balanus improvisus	2	0	0	2	2.67	0	1.33	2	0	0.33	0	0	0	0	0	0	0	0	0	0
Semibalanus balanoides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mysidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neomysis integer	3	4.33	2	8.67	3	5.33	0	0.67	1.33	1.33	17.67	17	54	44.33	19.67	46.67	15	16	2	9.33
Gammaridae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammarus zaddachi	0	0	0.67	0	0	0.33	0	0	0.67	1	0	0.67	0	0	0	0	0	0	0.67	0
Gammarus tigrinus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33
Copeopoda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calanoida copepods	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophium multisetosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0
Corophium volutator	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asellidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asellus aquaticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palaemonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palaemon elegans	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0
Crangonidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crangon crangon	0	0	0	0	0	0	0	0	0	0	0.67	0.67	1.67	1.33	0.33	0.67	0	0.33	1.33	0
Portunidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carcinus maenas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bathyporeia pilosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphaeroma rugicauda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0
MOLLUSCA																				
Hydrobiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrobia ulvae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mytilidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tellinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malcoma balthica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Planorbis albus	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER TAXA, INCLUDING FRESHWATER SPECIES																				
Daphniidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematocera (pupa)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chironomidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0
Stratiomyiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified dipteran larva	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dolichopodiidae	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0
Psychodidae	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0
Erpobdella sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Simuliidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladocera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corixidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oribatei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0
Staphylinidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Muscidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Spring 2007 Total Density m ⁻²	Zone 1										Zone 2									
	20 March 2007										20 March 2007									
Species Inverts	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Pericoma sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isotomidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nemertea (Nemertopsis flavida)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematoda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chaoboridae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nymphon sp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedicellina sp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Invert Taxa	3	3	3		2	3	3	2	3	5	2	2	4	2	4	2	2	2	7	2
Total Density m ⁻²	5.33	5	3.67	11	5.67	6	2	2.67	2.33	4.33	18.33	17.67	56.33	45.67	20.67	47.33	15.33	16.33	5.33	9.67

Tower Core Macroinvertebrates

Summer 2004 T1 No. m ⁻²	26/08/2004								
Meiofauna Taxa List Site	1	2	3	4	5	6	7	8	9
Foraminifera	7340616	9224490	9549296	1299224	4469331	2052774	831503	493705	4079563
Nematoda	1104340	1429146	1299224	311814	207876	285829	207876	311814	181891
Oligochaeta	0	0	0	0	0	129922	467721	311814	25984
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0
Radiololaria	0	0	0	0	0	0	0	0	0
Actinopoda	64961	0	64961	0	0	0	0	0	0
Ostracoda	0	0	0	0	0	0	0	0	0
Rotifera	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Copepoda	0	0	0	0	0	0	0	0	0
Cyclopoida	0	0	0	0	0	0	0	0	0
Calanoida	0	0	0	0	0	0	0	0	0
Harpacticoida	0	0	0	0	0	0	0	0	0
Nemertea	0	0	0	0	0	0	0	0	0
Bivalvia	0	0	0	0	0	0	0	0	0
Nauplii	0	0	0	0	0	0	0	0	0
mytilus spat	0	0	0	0	0	0	0	0	0
Macrofauna Taxa List Site	1	2	3	4	5	6	7	8	9
Oligochaete	1299	2339	1819	0	780	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0
Naididae	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Nereidae	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>	0	0	0	0	260	0	0	0	0
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0
Gammaridae	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0
Hydrobiidae	0	0	0	0	0	0	0	0	0
Hydra	0	0	0	0	0	0	0	0	0
Chironomid	0	0	0	0	0	0	0	0	0
Dipteran pupae	0	0	0	0	0	0	0	0	0

Summer 2004 T2 No. m ⁻²	26/08/2004								
Meiofauna Taxa List Site	1	2	3	4	5	6	7	8	9
Foraminifera	21099398	15278874	10707606	1740960	1792929	1688991	1637022	4079563	4495315
Nematoda	415752	519690	363783	181891	389767	597643	363783	181891	129922
Oligochaeta	415752	103938	103938	0	0	0	0	25984	129922
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0
Radiololaria	0	0	0	0	0	0	0	0	0
Actinopoda	0	0	51969	0	0	0	0	0	0
Ostracoda	0	0	0	0	0	0	0	0	0
Rotifera	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Copepoda	0	0	0	0	0	0	0	0	0
Cyclopoida	0	0	0	0	0	0	0	0	0
Calanoida	0	0	0	0	0	0	0	0	0
Harpacticoida	0	0	0	0	0	0	0	0	0
Nemertea	0	0	0	0	0	0	0	0	0
Bivalvia	0	0	0	0	0	0	0	0	0
Nauplii	0	0	0	0	0	0	0	0	0
mytilus spat	0	0	0	0	0	0	0	0	0
Macrofauna Taxa List Site	1	2	3	4	5	6	7	8	9
Oligochaete	3118	6236	3118	0	260	1559	1559	4937	0
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0
Naididae	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Nereidae	0	0	0	0	0	0	0	260	0
<i>Hediste diversicolor</i>	0	0	260	260	0	0	0	0	0
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0
Gammaridae	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0
Hydrobiidae	0	0	0	0	0	0	0	0	0
Hydra	0	0	0	0	0	0	0	0	0
Chironomid	0	0	0	0	0	0	0	0	0
Dipteran pupae	0	0	0	0	0	0	0	0	0

Tower Core Macroinvertebrates

Summer 2004 T3 No. m ⁻²	26/08/2004								
Meiofauna Taxa List Site	1	2	3	4	5	6	7	8	9
Foraminifera	831503	1247255	1039379	0	415752	415752	831503	207876	0
Nematoda	0	0	0	0	0	0	0	0	0
Oligochaeta	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0
Radiololaria	0	0	0	0	0	0	0	0	0
Actinopoda	0	0	0	0	0	0	0	0	0
Ostracoda	0	0	0	0	0	0	0	0	0
Rotifera	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Copepoda	0	0	0	0	0	0	0	0	0
Cyclopoida	0	0	0	0	0	0	0	0	0
Calanoida	0	0	0	0	0	0	0	0	0
Harpacticoida	0	0	0	0	0	0	0	0	0
Nemertea	0	0	0	0	0	0	0	0	0
Bivalvia	0	0	0	0	0	0	0	0	0
Nauplii	0	0	0	0	0	0	0	0	0
mytilus spat	0	0	0	0	0	0	0	0	0
Macrofauna Taxa List Site	1	2	3	4	5	6	7	8	9
Oligochaete	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0
Naididae	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Nereidae	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>	0	0	0	0	0	520	0	0	0
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0
Gammaridae	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0
Hydrobiidae	0	0	0	0	0	0	0	0	0
Hydra	0	0	0	0	0	0	0	0	0
Chironomid	0	0	0	0	0	0	0	0	0
Dipteran pupae	0	0	0	0	0	0	0	0	0

Autumn 2004 T1 No. m ⁻²	24/09/2004								
Meiofauna Taxa List Site	1	2	3	4	5	6	7	8	9
Foraminifera	181,891	187,088	101,339	155,907	64,961	109,135	51,969	0	0
Nematoda	1,377,177	1,278,436	2,229,468	1,964,427	272,837	672,998	1,455,131	10,185,916	3,741,765
Oligochaeta	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0
Radiololaria	0	0	0	0	0	0	0	0	0
Actinopoda	0	0	0	0	12,992	54,567	25,984	0	0
Ostracoda	0	0	0	0	0	0	0	0	0
Rotifera	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Copepoda	0	0	0	0	0	0	0	0	0
Cyclopoida	0	0	0	0	0	0	0	0	0
Calanoida	0	0	0	0	0	0	0	0	0
Harpacticoida	0	0	0	0	0	0	0	0	0
Nemertea	0	0	0	0	0	0	0	0	0
Bivalvia	0	0	0	0	0	0	0	0	0
Nauplii	0	0	0	0	0	0	0	0	0
mytilus spat	0	0	0	0	0	0	0	0	0
Macrofauna Taxa List Site	1	2	3	4	5	6	7	8	9
Oligochaete	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0
Naididae	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Nereidae	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>	0	0	0	520	0	260	0	0	0
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0
Gammaridae	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0
Hydrobiidae	0	0	0	0	0	0	0	0	0
Hydra	0	0	0	0	0	0	0	0	0
Chironomid	0	0	0	0	0	0	0	0	0
Dipteran pupae	0	0	0	0	0	0	0	0	0

Tower Core Macroinvertebrates

Autumn 2004		24/09/2004								
T2	No. m⁻²									
Meiofauna Taxa List										
Site	1	2	3	4	5	6	7	8	9	
Foraminifera	77953	116930	103938	25984	311814	155907	38977	233860	272837	
Nematoda	11381202	13446968	8444956	11017420	10367808	6937856	5066974	3157114	5261857	
Oligochaeta	0	0	0	0	0	0	0	0	0	
Tubificidae	0	0	0	0	0	0	0	0	0	
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0	
Radiololaria	0	0	0	0	0	0	0	0	0	
Actinopoda	0	38977	0	51969	38977	0	0	38977	0	
Ostracoda	0	0	0	0	0	0	0	0	0	
Rotifera	0	0	0	0	0	0	0	0	0	
Collembola	0	0	0	0	0	0	0	0	0	
Copepoda	0	0	0	0	0	0	0	0	0	
Cyclopoida	0	0	0	0	0	0	0	0	0	
Calanoida	0	0	0	0	0	0	0	0	0	
Harpacticoida	0	0	0	0	0	0	0	0	0	
Nemertea	0	0	0	0	0	0	0	0	0	
Bivalvia	0	0	0	0	0	0	0	0	0	
Nauplii	0	0	0	0	0	0	0	0	0	
mytilus spat	0	0	0	0	0	0	0	0	0	
Macrofauna Taxa List										
Site	1	2	3	4	5	6	7	8	9	
Oligochaete	0	260	520	0	0	0	0	0	0	
Tubificidae	0	0	0	0	260	260	0	780	260	
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0	
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0	
Naididae	0	0	0	0	0	0	0	0	0	
Collembola	0	260	0	0	0	0	0	0	0	
Nereidae	0	0	0	0	0	0	260	0	260	
<i>Hediste diversicolor</i>	0	0	260	0	0	260	0	0	0	
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0	
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0	
Gammaridae	0	0	0	0	0	0	0	0	0	
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0	
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0	
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0	
Hydrobidae	0	0	0	0	0	0	0	0	0	
Hydra	0	0	0	0	0	0	0	0	0	
Chironomid	0	0	0	0	0	0	0	0	0	
Dipteran pupae	0	0	0	0	0	0	0	0	0	

Autumn 2004		24/09/2004								
T3	No. m⁻²									
Meiofauna Taxa List										
Site	1	2	3	4	5	6	7	8	9	
Foraminifera	0	415,752	0	0	291,026	0	0	0	0	
Nematoda	58,205,235	63,610,007	12,805,152	15,278,874	6,111,550	21,619,087	5,612,648	7,732,981	9,770,164	
Oligochaeta	0	0	0	0	0	0	0	0	0	
Tubificidae	0	0	0	0	0	0	0	0	0	
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0	
Radiololaria	0	0	0	0	0	0	0	0	0	
Actinopoda	0	0	0	0	0	0	0	0	0	
Ostracoda	0	0	0	0	0	0	0	0	0	
Rotifera	0	0	0	0	0	0	0	0	0	
Collembola	0	0	0	0	0	0	0	0	0	
Copepoda	0	0	0	0	0	0	0	0	0	
Cyclopoida	0	0	0	0	0	0	0	0	0	
Calanoida	0	0	0	0	0	0	0	0	0	
Harpacticoida	0	0	0	0	0	0	0	0	0	
Nemertea	0	0	0	0	0	0	0	0	0	
Bivalvia	0	0	0	0	0	0	0	0	0	
Nauplii	0	0	0	0	0	0	0	0	0	
mytilus spat	0	0	0	0	0	0	0	0	0	
Macrofauna Taxa List										
Site	1	2	3	4	5	6	7	8	9	
Oligochaete	0	0	0	0	0	0	0	0	260	0
Tubificidae	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0	0
Naididae	0	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0	0
Nereidae	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>	0	0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0	0
Gammaridae	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0	0
Hydrobidae	0	0	0	0	0	0	0	0	0	0
Hydra	0	0	0	0	0	0	0	0	0	0
Chironomid	0	0	0	0	0	0	0	0	0	0
Dipteran pupae	0	0	0	0	0	0	0	0	0	0

Tower Core Macroinvertebrates

Spring 2005 T1 No. m ⁻²	19/04/2005								
Meiofauna Taxa List									
Site	1	2	3	4	5	6	7	8	9
Foraminifera	16,214,316	19,332,453	12,472,550	623,628	4,677,206	7,067,779	7,795,344	9,978,040	9,770,164
Nematoda	0	623,628	0	0	0	103,938	0	0	0
Oligochaeta	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0
Radiololaria	0	0	0	0	0	0	0	0	0
Actinopoda	0	0	0	0	0	0	0	103,938	0
Ostracoda	0	0	0	0	207,876	311,814	103,938	311,814	311,814
Rotifera	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Copepoda	0	0	0	0	0	0	0	0	0
Cyclopoida	0	0	0	0	0	0	0	0	0
Calanoida	0	0	0	0	0	0	0	0	0
Harpacticoida	0	0	0	0	0	0	0	0	0
Nemertea	0	0	0	0	0	0	0	0	0
Bivalvia	0	0	0	0	0	0	0	0	0
Nauplii	0	0	0	0	0	0	0	0	0
mytilus spat	0	0	0	0	0	0	0	0	0
Macrofauna Taxa List									
Site	1	2	3	4	5	6	7	8	9
Oligochaete	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0
Naididae	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	260	0
Nereidae	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>	0	0	260	0	0	0	0	0	0
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0
Gammaridae	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>	0	0	260	0	0	0	0	0	0
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0
Hydrobidae	0	0	0	0	0	0	0	0	0
Hydra	0	0	0	0	0	0	0	0	0
Chironomid	0	0	0	0	0	0	0	0	0
Dipteran pupae	0	0	0	0	0	0	0	0	0

Spring 2005 T2 No. m ⁻²	19/04/2005								
Meiofauna Taxa List									
Site	1	2	3	4	5	6	7	8	9
Foraminifera	4,365,398	9,978,040	13,511,930	14,343,433	10,497,730	16,110,378	10,601,668	9,978,040	13,096,178
Nematoda	0	623,628	415,752	207,862	727,565	1,559,069	831,503	519,690	1,063,007
Oligochaeta	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0
Radiololaria	0	0	0	0	0	0	0	0	0
Actinopoda	0	0	0	0	0	0	0	0	0
Ostracoda	0	0	0	103,938	0	0	519,690	311,814	207,876
Rotifera	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Copepoda	0	0	0	0	0	0	0	0	0
Cyclopoida	0	0	0	0	0	0	0	0	0
Calanoida	0	0	0	0	0	0	0	0	0
Harpacticoida	0	0	0	0	0	0	0	0	0
Nemertea	0	0	0	0	0	0	0	0	0
Bivalvia	0	0	0	0	0	0	0	0	0
Nauplii	0	0	0	0	0	0	0	0	0
mytilus spat	0	0	0	0	0	0	0	0	0
Macrofauna Taxa List									
Site	1	2	3	4	5	6	7	8	9
Oligochaete	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>	0	0	0	0	0	0	260	0	0
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0
Naididae	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Nereidae	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>	0	0	0	0	0	0	0	260	0
<i>Corophium</i> spp.	0	0	260	0	0	0	0	0	0
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0
Gammaridae	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>	0	0	0	0	0	0	260	0	0
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0
Hydrobidae	0	0	0	0	0	0	0	0	0
Hydra	0	0	0	0	0	0	0	0	0
Chironomid	0	0	0	0	0	0	0	0	0
Dipteran pupae	0	0	0	0	0	0	0	0	0

Tower Core Macroinvertebrates

Spring 2005 T3 No. m⁻²		19/04/2005								
Meiofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Foraminifera		415,752	2,494,510	415,752	415,752	415,752	0	415,752	1,247,255	0
Nematoda		0	0	0	415,752	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0
mytilus spat		0	0	0	0	0	0	0	0	0
Macrofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Hydra		0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0

Summer 2005 T1 No. m⁻²		14/07/2005								
Meiofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Foraminifera		15,715,414	11,433,171	5,966,037	15,590,688	9,884,499	20,579,708	6,361,001	4,677,206	88,313,936
Nematoda		0	207,876	0	727,565	0	0	374,177	623,628	0
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	207,876	0	561,265	0	103,938	0
Ostracoda		0	623,628	0	1,039,379	0	0	0	207,876	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Bivalvia		935,441	0	0	103,938	0	561,265	374,177	0	0
Nauplii		0	0	0	207,876	0	0	0	0	0
mytilus spat		0	0	0	0	0	0	0	0	0
Macrofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Hydra		0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0

Tower Core Macroinvertebrates

Summer 2005 T2 No. m ⁻²		13/07/2005								
Meiofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Foraminifera		10,102,766	2,442,541	2,598,448	8,231,883	30,682,474	12,347,825	6,361,001	7,857,707	9,728,589
Nematoda		374,177	103,938	155,907	187,088	374,177	2,993,412	374,177	974,177	374,177
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	374,177
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0
Actinopoda		0	51,969	155,907	0	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Bivalvia		748,353	0	0	374,177	4,115,942	0	374,177	0	0
Nauplii		0	0	0	0	0	0	0	0	0
mytilus spat		0	0	0	0	0	0	0	0	0
Macrofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	260	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Hydra		0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0

Summer 2005 T3 No. m ⁻²		14/07/2005								
Meiofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Foraminifera		7,109,354	8,418,972	498,902	3,533,889	4,801,937	4,115,942	519,690	291,026	8,813,936
Nematoda		0	415,752	0	207,876	0	0	0	291,026	0
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	0	0	0	0
Ostracoda		0	415,752	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Bivalvia		374,177	0	0	0	0	187,088	0	332,601	0
Nauplii		0	0	0	0	0	0	0	0	0
mytilus spat		0	0	0	0	0	0	0	0	0
Macrofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Hydra		0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0

Tower Core Macroinvertebrates

Autumn 2005 T1		26/10/2005								
No. m⁻²										
Meiofauna Taxa List	Site	1	2	3	4	5	6	7	8	9
Foraminifera		753,550	1,247,25	4,807,12	54,443,67	1,351,19	7,899,282	10,809,54	5,404,772	3,040,18
Nematoda		129,922	0	129,922	0	103,938	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0
Actinopoda		0	103,938	0	824,904	0	415,752	415,752	0	0
Ostracoda		0	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0
mytilus spat		0	0	0	0	0	0	0	0	77,953
Macrofauna Taxa List	Site	1	2	3	4	5	6	7	8	9
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobidae		0	0	0	0	0	0	0	0	0
Hydra		0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0

Autumn 2005 T2		26/10/2005								
No. m⁻²										
Meiofauna Taxa List	Site	1	2	3	4	5	6	7	8	9
Foraminifera		8,418,97	1299224	15,200,92	9,276,45	10,653,63	2,642,622	4,019,79	15,798,56	4,781,14
Nematoda		935,441	831503	389,767	506,697	649,612	210,474	236,459	623,628	311,814
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	77,953	0	0	0	0	0
Actinopoda		0	0	0	0	129,922	0	0	0	0
Ostracoda		0	623,628	0	38,977	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0
mytilus spat		0	0	0	0	0	0	0	0	0
Macrofauna Taxa List	Site	1	2	3	4	5	6	7	8	9
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	780	0	260	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	260	260
<i>Corophium</i> spp.		0	0	260	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	520	0	0	780	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobidae		0	0	0	0	0	0	0	0	0
Hydra		0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0

Tower Core Macroinvertebrates

Autumn 2005 T3										
No. m⁻²		26/10/2005								
Meiofauna Taxa List	Site	1	2	3	4	5	6	7	8	9
Foraminifera		6,392,182	6,275,252	27,803,394	25,256,915	10,505,525	18,812,764	18,578,903	24,789,194	39,236,565
Nematoda		0	0	0	0	67,560	0	129,922	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiolozoa		0	0	0	0	0	0	0	0	0
Actinopoda		0	0	129,922	103,938	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	311,814	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0
Mytilus spat		0	0	0	0	0	0	0	0	0
Macrofauna Taxa List	Site	1	2	3	4	5	6	7	8	9
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		780	0	0	0	260	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Hydra		0	0	0	260	0	0	0	0	0
Chironomid		260	0	0	520	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	260	0	0

Spring 2006 T1										
No. m⁻²		26/10/2005								
Meiofauna Taxa List	Site	1	2	3	4	5	6	7	8	9
Foraminifera		8,730,785	18,376,224	6,236,275	7,067,779	71,509,289	6,236,275	5,612,648	18,708,826	16,630,067
Nematoda		0	405,358	831,503	0	0	831,503	415,752	1,039,379	0
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiolozoa		0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0
Mytilus spat		0	0	0	0	0	0	0	0	0
Macrofauna Taxa List	Site	1	2	3	4	5	6	7	8	9
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	260	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Hydra		0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0

Tower Core Macroinvertebrates

Spring 2006 T2 No. m ⁻²		19/04/2005								
Meiofauna Taxa List										
Site	1	2	3	4	5	6	7	8	9	
Foraminifera	8,315,034	2,078,758	4,157,517	5,924,461	13,719,805	5,820,524	5,404,772	831,503	9,042,599	
Nematoda	0	0	0	0	0	831,503	0	831,503	311,814	
Oligochaeta	0	0	0	0	0	0	0	0	0	
Tubificidae	0	0	0	0	0	0	0	0	0	
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0	
Radiololaria	0	0	0	0	0	0	0	0	0	
Actinopoda	0	0	0	0	415,752	0	0	0	0	
Ostracoda	0	0	0	0	0	0	0	0	0	
Rotifera	0	0	0	0	0	0	0	0	0	
Collembola	0	0	0	0	0	0	0	0	0	
Copepoda	0	0	0	0	0	0	0	0	0	
Cyclopoida	0	0	0	0	0	0	0	0	0	
Calanoida	0	0	0	0	0	0	0	0	0	
Harpacticoida	0	0	0	0	0	0	0	0	0	
Nemertea	0	0	0	0	0	0	0	0	0	
Bivalvia	0	0	0	0	0	0	0	0	0	
Nauplii	0	0	0	0	0	0	0	0	0	
mytilus spat	0	0	0	0	0	0	0	0	0	
Macrofauna Taxa List										
Site	1	2	3	4	5	6	7	8	9	
Oligochaete	260	0	0	0	0	0	0	0	0	
Tubificidae	0	0	0	0	0	0	0	0	0	
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0	
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0	
Naididae	0	0	0	0	0	0	0	0	0	
Collembola	0	0	0	0	0	0	0	0	0	
Nereidae	0	0	0	0	0	0	0	0	0	
<i>Hediste diversicolor</i>	0	0	0	0	0	0	0	0	0	
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0	
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0	
Gammaridae	0	0	0	0	0	0	0	0	0	
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0	
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0	
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0	
Hydrobidae	0	0	0	0	0	0	0	0	0	
Hydra	0	0	0	0	0	0	0	0	0	
Chironomid	0	0	0	0	0	0	0	0	0	
Dipteran pupae	0	0	0	0	0	0	0	0	0	

Spring 2006 T3 No. m ⁻²		24/09/2004								
Meiofauna Taxa List										
Site	1	2	3	4	5	6	7	8	9	
Foraminifera	2,910,262	11,537,109	0	9,146,537	2,078,758	3,326,013	1,247,255	5,820,524	15,798,564	
Nematoda	0	0	0	415,752	0	0	0	831,503	0	
Oligochaeta	0	0	0	0	0	0	0	0	0	
Tubificidae	0	0	0	0	0	0	0	0	0	
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0	
Radiololaria	0	0	0	0	0	0	0	0	0	
Actinopoda	0	0	0	0	0	0	0	0	0	
Ostracoda	0	0	0	0	0	0	0	0	0	
Rotifera	0	0	0	0	0	0	0	0	0	
Collembola	0	0	0	0	0	0	0	0	0	
Copepoda	0	0	0	0	0	0	0	0	0	
Cyclopoida	0	0	0	0	0	0	0	0	0	
Calanoida	0	0	0	0	0	0	0	0	0	
Harpacticoida	0	0	0	0	0	0	0	0	0	
Nemertea	0	0	0	0	0	0	0	0	0	
Bivalvia	0	0	0	0	0	0	0	0	0	
Nauplii	0	0	0	0	0	0	0	0	0	
mytilus spat	0	0	0	0	0	0	0	0	0	
Macrofauna Taxa List										
Site	1	2	3	4	5	6	7	8	9	
Oligochaete	0	0	0	0	0	0	0	0	0	
Tubificidae	0	0	0	0	0	0	0	0	0	
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0	
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0	
Naididae	0	0	0	0	0	0	0	0	0	
Collembola	0	0	0	0	0	0	0	0	0	
Nereidae	0	0	0	0	0	0	0	0	0	
<i>Hediste diversicolor</i>	0	0	0	0	0	0	0	0	0	
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0	
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0	
Gammaridae	0	0	0	0	0	0	0	0	0	
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0	
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0	
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0	
Hydrobidae	0	0	0	0	0	0	0	0	0	
Hydra	0	0	0	0	0	0	0	0	0	
Chironomid	0	0	0	0	0	0	0	0	0	
Dipteran pupae	0	0	0	0	0	0	0	0	0	

Tower Core Macroinvertebrates

Summer 2006 T1 No. m ⁻²		26/10/2005								
Meiofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Foraminifera		2,026,789	6,444,151	5,612,648	1,091,348	6,859,903	3,118,138	11,225,295	3,274,044	19,332,453
Nematoda		155,907	0	0	0	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	0	0	0	0
Ostracoda		155,907	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0
mytilus spat		0	0	0	0	0	0	0	0	0
Macrofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
Mysidae		0	0	0	0	0	0	260	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Hydra		0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0

Summer 2006 T2 No. m ⁻²		19/04/2005								
Meiofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Foraminifera		1,870,883	1,247,255	415,752	2,026,789	727,565	1,559,069	1,039,379	1,080,954	5,404,772
Nematoda		155,907	311,814	415,752	0	0	0	0	405,358	1,247,255
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiololaria		0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	0	0	0	831,503
Ostracoda		155,907	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0
mytilus spat		0	0	0	0	0	0	0	0	0
Macrofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	260	260	0	0	0
<i>Corophium</i> spp.		0	260	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		260	0	0	260	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Hydra		0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0

Tower Core Macroinvertebrates

Summer 2006 T3 No. m ⁻²		24/09/2004								
Meiofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Foraminifera	779,534	935,441	1247,255	103,938	935,441	0	2,494,510	623,628	779,534	
Nematoda	467,721	0	311,814	0	0	0	0	0	311,814	
Oligochaeta	0	0	0	0	0	0	0	0	0	
Tubificidae	0	0	0	0	0	0	0	0	0	
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0	
Radiololaria	0	0	0	0	0	0	0	0	0	
Actinopoda	0	155,907	0	0	0	0	0	0	0	
Ostracoda	0	0	0	0	0	0	0	0	0	
Rotifera	0	0	0	0	0	0	0	0	0	
Collembola	0	0	0	0	0	0	0	0	0	
Copepoda	0	0	0	0	0	0	0	0	0	
Cyclopoida	0	0	0	0	0	0	0	0	0	
Calanoida	0	0	0	0	0	0	0	0	0	
Harpacticoida	0	0	0	0	0	0	0	0	0	
Nemertea	0	0	0	0	0	0	0	0	0	
Bivalvia	0	0	0	0	0	0	0	0	0	
Nauplii	0	0	0	0	0	0	0	0	0	
mytilus spat	0	0	0	0	0	0	0	0	0	
Macrofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Oligochaete	0	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	520	0	520	0	0	0	0
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0	0
Naididae	0	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0	0
Nereidae	260	260	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>	0	0	0	0	0	0	260	260	0	0
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0	0
Gammaridae	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>	0	0	1,039	0	0	260	0	0	0	0
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0	0
Hydrobiidae	0	0	0	0	0	0	0	0	0	0
Hydra	0	0	0	0	0	0	0	0	0	0
Chironomid	0	0	0	0	0	0	0	0	0	0
Dipteran pupae	0	0	0	0	0	0	0	0	0	0

Autumn 2006 T1 No. m ⁻²		26/10/2005								
Meiofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Foraminifera	6,652,027	1,247,255	207,876	831,503	2,494,510	6,859,903	2,494,510	1,766,945	3,326,013	
Nematoda	0	0	0	415,752	0	0	0	0	0	0
Oligochaeta	0	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0	0
Radiololaria	0	0	0	0	0	0	0	0	0	0
Actinopoda	0	0	0	0	0	0	0	0	0	0
Ostracoda	0	0	0	0	0	0	0	0	0	0
Rotifera	0	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0	0
Copepoda	0	0	0	0	0	0	0	0	0	0
Cyclopoida	0	0	0	0	0	0	0	0	0	0
Calanoida	0	0	0	0	0	0	0	0	0	0
Harpacticoida	0	0	0	0	0	0	0	0	0	0
Nemertea	0	0	0	0	0	0	0	0	0	0
Bivalvia	0	0	0	0	0	0	0	0	0	0
Nauplii	0	0	0	0	0	0	0	0	0	0
mytilus spat	0	0	0	0	0	0	0	0	0	0
Macrofauna Taxa List										
Site		1	2	3	4	5	6	7	8	9
Oligochaete	0	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0	0
Naididae	0	0	0	0	0	0	0	0	0	0
Collembola	0	0	260	0	0	0	0	0	0	0
Nereidae	0	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>	0	0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0	0
Gammaridae	0	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0	0
Mysidae	0	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0	0
Hydrobiidae	0	0	0	0	0	0	0	0	0	0
Hydra	0	0	0	0	0	0	0	0	0	0
Chironomid	0	0	0	0	0	0	0	0	0	0
Dipteran pupae	0	0	0	0	0	0	0	0	0	0

Tower Core Macroinvertebrates

Autumn 2006 T2		19/04/2005								
No. m⁻²										
Meiofauna Taxa List	Site	1	2	3	4	5	6	7	8	9
Foraminifera		3,533,889	9,978,040	1,663,007	28,686,866	13,304,054	12,472,550	9,354,413	25,360,852	16,214,316
Nematoda		103,938	1,247,255	831,503	0	831,503	311,814	311,814	415,752	0
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiolaria		0	0	0	0	0	0	0	0	0
Actinopoda		103,938	0	0	0	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0
Mytilus spat		0	0	0	0	0	0	0	0	0
Macrofauna Taxa List	Site	1	2	3	4	5	6	7	8	9
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	260	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Hydra		0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0

Autumn 2006 T3		24/09/2004								
No. m⁻²										
Meiofauna Taxa List	Site	1	2	3	4	5	6	7	8	9
Foraminifera		6,236,275	7,899,282	1,455,131	4,074,366	519,690	1,039,379	10,393,792	4,157,517	14,655,247
Nematoda		0	0	0	145,513	0	0	0	0	0
Oligochaeta		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.		0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.		0	0	0	0	0	0	0	0	0
Radiolaria		0	0	0	0	0	0	0	0	0
Actinopoda		0	0	0	0	0	0	0	0	0
Ostracoda		0	0	0	0	0	0	0	0	0
Rotifera		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Copepoda		0	0	0	0	0	0	0	0	0
Cyclopoida		0	0	0	0	0	0	0	0	0
Calanoida		0	0	0	0	0	0	0	0	0
Harpacticoida		0	0	0	0	0	0	0	0	0
Nemertea		0	0	0	0	0	0	0	0	0
Bivalvia		0	0	0	0	0	0	0	0	0
Nauplii		0	0	0	0	0	0	0	0	0
Mytilus spat		0	0	0	0	0	0	0	0	0
Macrofauna Taxa List	Site	1	2	3	4	5	6	7	8	9
Oligochaete		0	0	0	0	0	0	0	0	0
Tubificidae		0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>		0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.		0	0	0	0	0	0	0	0	0
Naididae		0	0	0	0	0	0	0	0	0
Collembola		0	0	0	0	0	0	0	0	0
Nereidae		0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>		0	0	0	0	0	0	0	0	0
<i>Corophium</i> spp.		0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>		0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>		0	0	0	0	0	0	0	0	0
Gammaridae		0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.		0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>		0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>		0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>		0	0	0	0	0	0	0	0	0
Hydrobiidae		0	0	0	0	0	0	0	0	0
Hydra		0	0	0	0	0	0	0	0	0
Chironomid		0	0	0	0	0	0	0	0	0
Dipteran pupae		0	0	0	0	0	0	0	0	0

Tower Core Macroinvertebrates

Spring 2007 T1 No. m⁻²		26/03/2007								
Meiofauna Taxa List										
Site	1	2	3	4	5	6	7	8	9	
Foraminifera	7,951,251	4,209,486	9,042,599	2,494,510	207,876	9,042,599	1,351,193	1,746,157	1,455,131	
Nematoda	0	0	0	0	0	0	0	0	0	
Oligochaeta	0	0	0	0	0	0	0	0	0	
Tubificidae	0	0	0	0	0	0	0	0	0	
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0	
Radiolozoa	0	0	0	0	0	0	0	0	0	
Actinopoda	0	0	0	0	0	0	0	0	0	
Ostracoda	0	0	0	0	0	0	0	0	0	
Rotifera	0	0	0	0	0	0	0	0	0	
Collembola	0	0	0	0	0	0	0	0	0	
Copepoda	0	0	0	0	0	0	0	0	0	
Cyclopoida	0	0	0	0	0	0	0	0	0	
Calanoida	0	0	0	0	0	0	0	0	0	
Harpacticoida	0	0	0	0	0	0	0	0	0	
Nemertea	0	0	0	0	0	0	0	0	0	
Bivalvia	0	0	0	0	0	0	0	0	0	
Nauplii	0	0	0	0	0	0	0	0	0	
mytilus spat	0	0	0	0	0	0	0	0	0	
Macrofauna Taxa List										
Site	1	2	3	4	5	6	7	8	9	
Oligochaete	0	0	0	260	0	0	0	0	0	
Tubificidae	0	0	0	0	0	0	0	0	0	
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0	
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0	
Naididae	0	0	0	0	0	0	0	0	0	
Collembola	0	0	0	0	0	0	0	0	0	
Nereidae	0	0	0	0	0	0	0	0	0	
<i>Hediste diversicolor</i>	0	0	0	0	0	0	0	0	0	
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0	
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0	
Gammaridae	0	0	0	0	0	260	0	0	0	
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0	
Mysidae	0	0	0	0	0	0	0	0	0	
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0	
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0	
Hydrobiidae	0	0	0	0	0	0	0	0	0	
Hydra	0	0	0	0	0	0	0	0	0	
Chironomid	0	0	0	0	0	0	0	0	0	
Dipteran pupae	0	0	0	0	0	0	0	0	0	

Spring 2007 T2 No. m⁻²		26/03/2007								
Meiofauna Taxa List										
Site	1	2	3	4	5	6	7	8	9	
Foraminifera	1,559,069	10,445,761	10,601,668	1,933,245	9,510,320	21,826,963	5,612,648	9,978,040	1,496,706	
Nematoda	0	0	103,938	0	0	0	155,907	0	0	
Oligochaeta	0	0	0	0	0	0	0	0	0	
Tubificidae	0	0	0	0	0	0	0	0	0	
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0	
Radiolozoa	0	0	0	0	0	0	0	0	0	
Actinopoda	0	0	0	0	0	0	0	0	166,301	
Ostracoda	0	0	0	0	0	0	0	0	0	
Rotifera	0	0	0	0	0	0	0	0	0	
Collembola	0	0	0	0	0	0	0	0	0	
Copepoda	0	0	0	0	0	0	0	0	0	
Cyclopoida	0	0	0	0	0	0	0	0	0	
Calanoida	0	0	0	0	0	0	0	0	0	
Harpacticoida	0	0	0	0	0	0	0	0	0	
Nemertea	0	0	0	0	0	0	0	0	0	
Bivalvia	0	0	0	0	0	0	0	0	0	
Nauplii	0	0	0	0	0	0	0	0	0	
mytilus spat	0	0	0	0	0	0	0	0	0	
Macrofauna Taxa List										
Site	1	2	3	4	5	6	7	8	9	
Oligochaete	0	0	260	0	0	0	0	0	0	
Tubificidae	0	0	0	0	0	0	0	0	0	
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0	
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0	
Naididae	0	0	0	0	0	0	0	0	0	
Collembola	0	0	0	0	0	0	260	0	0	
Nereidae	0	0	0	0	0	0	0	0	0	
<i>Hediste diversicolor</i>	0	0	0	0	0	0	0	0	0	
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0	
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0	
Gammaridae	0	0	0	0	0	0	0	0	0	
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0	
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0	
Mysidae	0	0	0	0	0	0	0	0	0	
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0	
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0	
Hydrobiidae	0	0	0	0	0	0	0	0	0	
Hydra	0	0	0	0	0	0	0	0	0	
Chironomid	0	0	0	0	0	0	0	0	0	
Dipteran pupae	0	0	0	0	0	0	0	0	0	

Tower Core Macroinvertebrates

Spring 2007 T3 No. m ⁻²	26/03/2007								
Meiofauna Taxa List									
Site	1	2	3	4	5	6	7	8	9
Foraminifera	935,441	103,938	1,403,162	9,510,320	3,741,765	831,503	103,938	831,503	155,907
Nematoda	0	103,938	0	0	0	0	0	0	0
Oligochaeta	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i> spp.	0	0	0	0	0	0	0	0	0
<i>Tubifex</i> spp.	0	0	0	0	0	0	0	0	0
Radiolozoa	0	0	0	0	0	0	0	0	0
Actinopoda	0	0	0	0	0	0	0	0	0
Ostracoda	0	0	0	0	0	0	0	0	0
Rotifera	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Copepoda	0	0	0	0	0	0	0	0	0
Cyclopoida	0	0	0	0	0	0	0	0	0
Calanoida	0	0	0	0	0	0	0	0	0
Harpacticoida	0	0	0	0	0	0	0	0	0
Nemertea	0	0	0	0	0	0	0	0	0
Bivalvia	0	0	0	0	0	0	0	0	0
Nauplii	0	0	0	0	0	0	0	0	0
mytilus spat	0	0	0	0	0	0	0	0	0
Macrofauna Taxa List									
Site	1	2	3	4	5	6	7	8	9
Oligochaete	0	0	0	0	0	0	0	0	0
Tubificidae	0	0	0	0	0	0	0	0	0
<i>Tubificoides</i>	0	0	0	0	0	0	0	0	0
<i>Limnodrilus</i> sp.	0	0	0	0	0	0	0	0	0
Naididae	0	0	0	0	0	0	0	0	0
Collembola	0	0	0	0	0	0	0	0	0
Nereidae	0	0	0	0	0	0	0	0	0
<i>Hediste diversicolor</i>	0	0	260	0	0	0	0	0	0
<i>Corophium</i> spp.	0	0	0	0	0	0	0	0	0
<i>Corophium arenarium</i>	0	0	0	0	0	0	0	0	0
<i>Corophium volutator</i>	0	0	0	0	0	0	0	0	0
Gammaridae	0	0	0	0	0	0	0	0	0
<i>Gammarus</i> spp.	0	0	0	0	0	0	0	0	0
<i>Bathyporeia pilosa</i>	0	0	0	0	0	0	0	0	0
<i>Mytilus edulis</i>	0	0	0	0	0	0	0	0	0
<i>Macoma balthica</i>	0	0	0	0	0	0	0	0	0
Hydrobiidae	0	0	0	0	0	0	0	0	0
Hydra	0	0	0	0	0	0	0	0	0
Chironomid	0	0	0	0	0	0	0	0	0
Dipteran pupae	0	0	0	0	0	0	0	0	0

Summer and Autumn Canal Sweep Results 2004

Taxa List	Site Date Season Site	Bridgewater Canal 16.07.04 Summer			St Helens Canal 16.07.04 Summer			Bridgewater Canal 29.09.04 Autumn			St Helens Canal 29.09.04 Autumn		
		Us	Mid	Ds	Us	Mid	Ds	Us	Mid	Ds	Us	Mid	Ds
		TRICLADIDA											
Dendrocoelidae													
<i>Dendrocoelum lacteum</i>								1					
GASTROPODA													
Valvatidae													
<i>Valvata</i> spp.		4	8	7									
<i>Valvata macrostoma</i>									9	43			
<i>Valvata piscinalis</i> (Muller)		3	3	2				21	32	30			
Hydrobiidae													
<i>Potamopyrgus antipodarum</i> (Gray)		1	98	36				3	106	342		1	
Bithyniidae													
<i>Bithynia tentaculata</i> (Linnaeus)			1					7	19	11			
Physidae													
<i>Physa fontanalis</i>													
<i>Physa</i> sp.			1					1		1	9	1	10
Lymnaeidae													
<i>Lymnaea</i> sp.									1		4		
<i>Lymnaea peregra</i>										2			
<i>Lymnaea stagnalis</i>													
Planorbidae													
<i>Planorbis planorbis</i>													
<i>Menetus dilatatus</i> (Gould)			3					1	4	6			
Succineidae					1								
BIVALVIA													
Spaeriidae								7					
<i>Pisidium</i> spp.		19	29	33					32	76			
Dreissenidae													
<i>Dreissena polymorpha</i>									1				
OLIGOCHAETA		45	29	49				144		16		1	
HIRUDINEA													
Glossiphoniidae													
<i>Herniclepsis marginata</i>								1					
<i>Helobdella stagnalis</i> (Linnaeus)		12	4	3				9	33	57			
Erpobdellidae													
<i>Erpobdella</i> sp.				1									
HYDRACARINA		1	5	9					3	5	1		
OSTRACODA				1			12		10	11	13	7	29
BRANCHIURA													
Argulidae													
<i>Argulus</i> sp.										1			
<i>Argulus foliaceus</i> (Linnaeus)							1						
MALACOSTRACA													
Asellidae													
<i>Asellus aquaticus</i> (Linnaeus)					2	4		2	3	14	2		
Crangonyctidae													
<i>Crangonyx pseudogracilis</i>								2		1			
Gammaridae													
<i>Gammarus tigrinus</i> Sexton					5	16	10				13	3	1
EPHEMEROPTERA													
Caenidae													
<i>Caenis rivulorum</i>										2			
ODONATA													
Coenagrionidae									1	1	1		1
HEMIPTERA													
Gerridae										1			
Corixidae					14		1						
<i>Sigara dorsalis</i> (Leach)					3						2		1
COLEOPTERA													
Helophoridae													
<i>Helophorus</i> sp.						1							
MEGALOPTERA													
Sialidae													
<i>Sialis lutaria</i> (Linnaeus)			1	1					1			1	
TRICHOPTERA													
Psychomyiidae													
<i>Tinodes waeneri</i> (Linnaeus)					6	15							
Polycentropodidae		1											
<i>Cymus flavidus</i>				1						1			
Phryganeidae				1									
<i>Phryganea bipunctata</i> Retzius							3		1				
Leptoceridae													
<i>Mystacides longicornis</i> (Linnaeus)									1	4	1	1	1
LEPIDOPTERA													
Pyrralidae													
<i>Cataclysta lemnata</i> (Linnaeus)							1						
DIPTERA													
Ceratopogonidae			1	2				1	2	5			
Chironomidae		30	61	82	28	32	5	259	16	25	24	15	5
Unid. Dipteran			2								1		
Total Invert Taxa		8	12	13	6	6	6	14	18	22	12	6	9
Total Abundance		116	246	228	59	69	32	468	275	655	72	28	50

Spring and Summer Canal Sweep Results 2005

Total number sampled Taxa List	Bridgewater 13/04/2005 Spring			St. Helens 13/04/2005 Spring			Bridgewater 26/07/2005 Summer			St. Helens 26/07/2005 Summer		
	Us	Mid	Ds	Us	Mid	Ds	Us	Mid	Ds	Us	Mid	Ds
TRICLADIDA												
<i>Dugesia lugubris/polychroa</i>									1			1
GASTROPODA						3						
<i>Valvata macrostoma</i>								2	1			
<i>Valvata piscinalis</i> (Muller)	5	3	17				24	17	34			
<i>Valvata crista</i>											1	
<i>Potamopyrgus antipodarum</i> (Gray)		8	144	3	1	1	524	382	15	2	3	
<i>Bithynia tentaculata</i> (Linnaeus)	8	4	10				7	6	7			
<i>Physa fontanalis</i>	1		3		4	3		1	1		2	
<i>Lymnaea peregra</i>				3	10	9		1	8			
<i>Lymnaea stagnalis</i>	1									4		
<i>Planorbis planorbis</i>	2		3									
<i>Planorbis albus</i>		2				1		4	2			
Succineidae						1			1			
Zonitoides	1	2			3							
<i>shellless gastropod</i>								1	1			1
BIVALVIA												
Spaeriidae	3											
<i>Pisidium</i> spp.	30	11	55				91	17	14			
<i>Sphaerium</i> spp.							6	15	12			
<i>Dreissena polymorpha</i>							1					
OLIGOCHAETA	19	94	94	10	23	17	1	46	1			
HIRUDINEA									1			
<i>Helobdella stagnalis</i> (Linnaeus)	2	5	11				1	27	15			
<i>Piscicola geometra</i>							1	1	1			
HYDRACARINA	15	10	6				1	6	8		1	4
OSTRACODA		2	3	40	106	17	4	7	1	102	30	160
BRANCHIURA												
<i>Argulus foliaceus</i> (Linnaeus)	1											2
MALACOSTRACA												
<i>Asellus aquaticus</i> (Linnaeus)	6	1	15	33	23	19		36	21	5	1	
<i>Crangonyx pseudograellsis</i>	13		5					9	13			
Gammaridae				3	1							
<i>Gammarus tigrinus</i> Sexton					1							3
<i>Gammarus pulex</i>										2	3	
EPHEMEROPTERA									1			
<i>Caenis rivulorum</i>			3									
Baetidae	7	5	3	1			1					
<i>Centroptilum pennulatum</i>		7	1					3				
<i>Cloeon dipterum</i>												1
<i>Baetis scambus/fusca</i>									1			
ODONATA												
<i>Ischnura elegans</i>				15	42	11						
Aeschnidae				1								
Unidentified zygoptera										1		
HEMIPTERA												
Gerridae										1		
Corixidae	1				1					3		2
<i>Sigara falleni</i>						1						
<i>Sigara dorsalis</i> (Leach)	1	1		4	4	7				9	7	6
<i>Sigara dorsalis/striata</i> (Leach)											102	77
<i>Sigara falleni/dorsalis nymph</i>							6	1	1	151		
<i>Sigara lateralis</i>											1	
<i>Sigara distincta/fallani/fallenoidea</i>												5
<i>Sigara concima</i>												5
<i>Callicorixa praeusta</i>	1				1	2				6		3
<i>Hydrometra stagnorum</i>										2		1
<i>Hydrometra</i> sp.										1		1
<i>Hesperocorixa limnaei</i>											8	
Micronectinae												27
<i>Cymatia bondsdorffii</i>									1			
COLEOPTERA												
<i>Halipus flavicollis</i>		1										
Hydrophilidae		1	1									
Hydroporus				1	1							
<i>Noterus clavicornis</i>					3							
<i>Laccobius bipunctatus</i>						2						
<i>Laccobius bipunctatus</i>						2						
Hydraenidae										4		
<i>Ochthebius dilatatus</i>										1		
MEGALOPTERA												
<i>Stalis lutaria</i> (Linnaeus)							4	1				
TRICHOPTERA												
<i>Mystacides</i> sp.												1
<i>Mystacides longicornis</i> (Linnaeus)	1		5	32	5	2	1	1	2	2	2	1
<i>Oecetis ochracea</i>					1	1						
<i>Limnephilus marmoratus</i>	1		1			3						
<i>Limnephilus binotatus</i>												
<i>Limnephilus flavicornis</i>												
<i>Anabolia nervosa</i>												
<i>Agraylea multipunctata</i>								5	19			
<i>Orthotrichia</i>									1			
LEPIDOPTERA												
DIPTERA						1						
Ceratopogonidae			1				1	3		2		
Chironomidae	38	11	4	199	258	145	187	48	102	89	52	4
Unid. Dipteran					2						1	
Tipulidae								1				
<i>Rhamphidiasp</i>		1		25	21	11						
Chaoboridae								1				
CLADOCERA	12	21	20	21	173	37		3	1			6
NEMERTEA												
COLLEMBOLA												
NEMATODA												

Autumn 2005 and Spring 2006 Canal Sweep Results

Taxa List	Bridgewater			St Helens			Bridgewater			St Helens		
	28/10/2005 Autumn			28/10/2005 Autumn			28/04/2006 Spring			28/04/2006 Spring		
	Us	Mid	Ds	Us	Mid	Ds	Us	Mid	Ds	Us	Mid	Ds
TRICLADIDA												
<i>Dugesia sp</i>								8				
<i>Dugesia lugubris/polychroa</i>	1		3					2				
<i>Dugesia tigrina</i>	5	5	5					7				
GASTROPODA												
<i>Valvata spp.</i>							1	5				
<i>Valvata piscinalis</i> (Muller)	11		25				3	6	20			
<i>Potamopyrgus antipodarum</i> (Gray)	926	779	82	170	116	72	176	346	7	3	27	12
<i>Bithynia tentaculata</i> (Linnaeus)	68	11	17				20	46	3			
<i>Physa fontanalis</i>	3			31								
<i>Physa heterostropha</i>		2			14	3						
<i>Lymnaea peregra</i>	2	2	10	40	7	6	2		3	2	18	21
Planorbidae	1				1							
<i>Planorbis albus</i>			5									
<i>Planorbis crista</i>	1							1				
<i>Segmentina complanata</i>	1											
Ancylidae			1									
Zonitoides		1										
BIVALVIA												
Spaeriidae								134				
<i>Pisidium spp.</i>	90	60	75				50	105				
<i>Sphaerium spp.</i>	2		1				33		52			
<i>Dreissena polymorpha</i>	6	1					2	1				
OLIGOCHAETA	71	30	94	77	59	38	7	68	447			
HIRUDINEA												
<i>Hemiclepsis marginata</i>	1											
<i>Helobdella stagnalis</i> (Linnaeus)	86	34	20				11	90	22			
<i>Eripodella octoculata</i>			1					1				
<i>Fiscolola geometra</i>		4	1					1				
HYDRACARINA	6	8	25	7	8	2		14	1			
BRYOZOA (COLONIES)		2										
OSTRACODA	3	6	8	45	14	9		3				
BRANCHIURA												
MALACOSTRACA												
<i>Asellus aquaticus</i> (Linnaeus)	88	106	222	1	1	1	4	12	8	6	2	
<i>Crangonyx pseudogracilis</i>	260	234	384				8	30	4			
<i>Gammarus tigrinus</i> Sexton	16			750	619	802				65	63	107
<i>Corophium curvispinum</i>			1									
EPHEMEROPTERA												
<i>Caenis rivulorum</i>							4					
<i>Caenis horaria</i>							3					
Baetidae	2							2				
<i>Centroptilum pennulatum</i>	6	4	1				1					
<i>Cloeon dipterum</i>	4	4	1									
ODONATA												
Coenagrionidae										7	1	
<i>Coenagrion pulchellum</i>							2				2	
<i>Enallagma cyathigerum</i>	1						1					
<i>Ischnura elegans</i>		1			1					3		4
<i>Coenagrion sp.</i>			3									
HEMIPTERA												
<i>Gerris lacustris</i>										1	1	
Corixidae												
<i>Sigara fuscata</i>			1									
<i>Sigara dorsalis</i> (Leach)						3		1	2	1		
<i>Sigara lateralis</i>				1	1	1						
<i>Sigara distincta</i>				7						3		
<i>Sigara concima</i>												1
<i>Callicorixa praeusta</i>			1							3		
<i>Hydrometra stagnorum</i>												2
COLEOPTERA												
<i>Haliples ruficollis/wehnckei</i>								1				
Hydrophilidae				1								
<i>Noterus clavicornis</i>											1	
<i>Laccobius bipunctatus</i>										4	16	
Curculionidae			1							1		
MEGALOPTERA												
<i>Sialis lutaria</i> (Linnaeus)		1						1				
TRICHOPTERA												
<i>Phryganea bipunctata</i> Retzius		1	1									
Leptoceridae				1		1						
<i>Oecetis ochracea</i>					4							
<i>Mystacides longicornis</i> (Linnaeus)				7			4	1		4	1	
<i>Mystacides longicornis / nigra</i>		2			15							
<i>Mystacides sp.</i>											1	
Limnephilidae			1		1							
<i>Limnephilus affinis/incisus</i>												1
<i>Limnephilus marmoratus</i>				1		2						1
<i>Limnephilus binotatus</i>				1								
Hydroptilidae		1	2									
<i>Agraylea sp.</i>		4	5					1				
<i>Oxyethira sp.</i>												
<i>Molanna angustata</i>	1							2				
LEPIDOPTERA												
DIPTERA												
Ceratopogonidae	2	2	1					2	1			
Chironomidae	7	7	26	219	130	43	113	20	21	4	1	2
Tipulidae										1		
CLADOCERA	4	40	75									
NEMERTEA	2											
COLLEMBOLA		1						1				
NEMATODA												
CHELICERATA												

Summer and Autumn Canal Sweep Results 2006

Total number sampled Taxa List	Bridgewater 14/08/2006 Summer			St Helens 14/08/2006 Summer			Bridgewater 11/10/2006 Autumn			St Helens 11/10/2006 Autumn		
	Us	Mid	Ds	Us	Mid	Ds	Us	Mid	Ds	Us	Mid	Ds
TRICLADIDA												
<i>Dugesia lugubris/polychroa</i>								1				
GASTROPODA												
<i>Valvata</i> spp.			1									
<i>Valvata piscinalis</i> (Muller)	16	5	10				20	17	10			
<i>Potamopyrgus antipodarum</i> (Gray)	9	13		8	12	3	5	31	1		558	55
<i>Bithynia tentaculata</i> (Linnaeus)	8	9	2				11	8				
<i>Bithynia</i> sp.	1											
<i>Physa acuta</i>	1					2	7	3	1		570	401
Lymnaeidae										2	1	
<i>Lymnaea</i> sp.											10	1
<i>Lymnaea peregra</i>							1					
<i>Lymnaea stagnalis</i>												
<i>Lymnaea auricularia</i>		1										
<i>Radix (Lymnaea) balthica</i>							3	6		3		3
<i>Planorbis albus</i>			1				7					
<i>Planorbis crista</i>							1	1				
<i>Ancylus fluviatilis</i>							3					
<i>Succinea putris</i>	1	1										
Zonitoides											6	
<i>shellless gastropod</i>	1											
BIVALVIA												
Spaeriidae	1	7	2				2					
<i>Pisidium</i> spp.			2					3				
<i>Dreissena polymorpha</i>	3	1						1				
OLIGOCHAETA	30	120	185	13	497	363	3		10			114
HIRUDINEA												
<i>Helobdella stagnalis</i> (Linnaeus)	3	8	1									
<i>Piscicola geometra</i>								1				
HYDRACARINA	2											
BRYOZOA (COLONIES)							1					
OSTRACODA	1	1	3	22		52		5		11		11
BRANCHIURA												
MALACOSTRACA												
<i>Asellus aquaticus</i> (Linnaeus)	2	3					5	2				
Gammaridae				1								
<i>Gammarus tigrinus</i> Sexton										63	73	25
Corophiidae				12	23	7						
<i>Corophium curvispinum</i>				4								
EPHEMEROPTERA												
<i>Caenis horaria</i>		1										
Baetidae											1	
<i>Cloeon dipterum</i>										1	1	
ODONATA												
Coenagrionidae					1							
Anisoptera	2											
<i>Erythromma najas</i>								6				
HEMIPTERA												
Gerridae		1									1	3
<i>Gerris lacustris</i>										1		
<i>Gerris odontogaster</i>												1
<i>Sigara dorsalis</i> (Leach)										2		2
<i>Sigara dorsalis/striata</i> (Leach)												1
COLEOPTERA												
Haliplidae							1					
<i>Laccobius bipunctatus</i>											4	2
MEGALOPTERA												
TRICHOPTERA												
<i>Phryganea bipunctata</i> Retzius	2											
<i>Oecetis ochracea</i>					1						2	
<i>Mystacides longicornis / nigra</i>											2	
<i>Mystacides</i> sp.										1		
Limnephilidae												3
<i>Limnephilus</i> sp.											28	
<i>Limnephilus rhombicus</i>											6	
<i>Limnephilus flavicornis</i>											5	
<i>Agraylea</i> sp.											1	
LEPIDOPTERA												
DIPTERA												
Ceratopogonidae		1							1			
Chironomidae	23	54	23	734	395	581	132	20	23	1	137	132
<i>Chaoboridae</i>		1		1								
Sciomyzidae												2
Dipteran pupa	2	1			1	1						
CLADOCERA	1											
NEMERTEA												
COLLEMBOLA												
NEMATODA												
CHELICERATA												
Hydracarina		1	2		2	1	9	7		5	2	4

Spring and Summer Canal Sweep Results 2007 (Bridgewater & St Helens)

Total number sampled Taxa List	St Helens 21/03/2007 Spring			Bridgewater 21/03/2007 Spring			St Helens 30/08/2007 Summer			Bridgewater 30/08/2007 Summer			
	Us	Mid	Ds	Us	Mid	Ds	Us	Mid	Ds	Us	Mid	Ds	
TRICLADIDA													
<i>Dugesia sp</i>					2	1							
<i>Dugesia tigrina</i>			1										
<i>Polycelis nigra / tenuis</i>		1											
GASTROPODA													
<i>Viviparus viviparus</i>										1			
Valvatidae										1			
<i>Valvata spp.</i>					4								
<i>Valvata piscinalis</i> (Muller)					1					5	1		
<i>Potamopyrgus antipodarum</i> (Gray)	942	40	240	38	79	5	44	5	2	133	578	61	
<i>Bithynia tentaculata</i> (Linnaeus)				3	3	5				2	1		
<i>Bithynia sp.</i>					2								
Physidae		2			2								
<i>Aplexa hypnorum</i>										2			
<i>Physa fontanalis</i>											3		
<i>Physa acuta</i>		3			2								
Physidae							18	41	2				
<i>Physella acuta group</i>							7	17					
Lymnaeidae										2	1		
<i>Radix auricularia</i>													
<i>Lymnaea auricularia</i>											1		
<i>Radix (Lymnaea) balthica</i>							1	7				1	
<i>Gyraulus albus</i>											1		
Planorbidae					1								
<i>Planorbis albus</i>				1		1							
<i>Planorbis crista</i>				2	4						1		
<i>Gyraulus crista</i>									11				
<i>Segmentina complanata</i>						1							
<i>Ancylus fluviatilis</i>					1								
Succineidae									1				
<i>Frrnissa wautieri</i>				3						2	2		
BIVALVIA													
Spaeriidae					2						1	16	6
<i>Pisidium spp.</i>				23	6	8							
<i>Dreissena polymorpha</i>					2	1					3		
OLIGOCHAETA	5	1	312	66	89	22	4		1	59	65		
HIRUDINEA													
<i>Helobdella stagnalis</i> (Linnaeus)				6		1				14	12	3	
<i>Erpobdella octoculata</i>	1												
<i>Piscicola geometra</i>										3			
HYDRACARINA				14	55	6		42	2		5		
BRYOZOA (COLONIES)													
OSTRACODA	2214	10	618	1	5	2	1	2	1	8	7	2	
BRANCHIURA													
MALACOSTRACA													
Asellidae		1											
<i>Asellus aquaticus</i> (Linnaeus)	16	6	3		4	1	18	5		8			
Crangonyctidae	1												
<i>Crangonyx pseudogracilis</i>	1		2			2	1						
<i>Gammarus tigrinus</i> Sexton	17	6	1				3						
<i>Gammarus sp.</i> (small)		1									1		
<i>Corophium curvispinum</i>				1									
EPHEMEROPTERA													
Caenidae											1		
<i>Caenis horaria</i>				1									
<i>Centroptilum pennulatum</i>								1					
<i>Cloeon dipterum</i>								1					
ODONATA													
Coenagrionidae		4					1				1		
<i>Ischnura elegans</i>									1				
HEMIPTERA													
Gerridae							1	1					
<i>Sigara striata/ dorsalis</i>							1						
<i>Sigara distincta/fallani/fallenoidea</i>								1					
<i>Hydrometra sp.</i>		1											
<i>Micronectinus sp</i>									1				
<i>Micronecta scholtzi</i>							4						
<i>Ilycoris cimicoides</i>											1		
COLEOPTERA													
<i>Hydroporus palustris</i>	1	1											
<i>Laccobius sp</i>								1					
<i>Gyrinus albus</i>					3								
MEGALOPTERA													
<i>Sialis lutaria</i> (Linnaeus)											2		
TRICHOPTERA													
Leptoceridae	1												
<i>Oecetis ochracea</i>		3	1										
Limnephilidae								3					
<i>Limnephilus marmoratus</i>	2		1										
Hydroptilidae										1			
<i>Agraylea multipunctata</i>										2	5		
<i>Oxyethira sp</i>											1		
<i>Orthotrichia</i>				2									
LEPIDOPTERA													
DIPTERA													
Ceratopogonidae				5									
Chironomidae	726	267	636	48	20	20	88	75	236	130	105	133	
Dipteran pupa										1			
CLADOCERA		1			1		125						
NEMERTEA													
COLLEMBOLA					2								
NEMATODA													
CHELICERATA													
Hydracarina							110			22			

Spring and Summer Canal Sweep Results 2007 (Bowers Brook & Stewards)

Total number sampled Taxa List	Bowers brook 22/03/2007			Stewards 22/03/2007			Bowers brook 07/09/2007			Stewards 07/09/2007		
	Spring			Spring			Summer			Summer		
	Us	Mid	Ds	Us	Mid	Ds	Us	Mid	Ds	Us	Mid	Ds
TRICLADIDA												
GASTROPODA					5			5				
<i>Assiminea grayana</i>	176	65	8									
<i>Potamopyrgus jenkinsi</i>									4			
<i>Aplexa hypnorum</i>					2	1						
<i>Physella acuta</i> group					2312	346						
<i>Lymnaea palustris</i>				28	454	1222						
Succineidae						3						
BIVALVIA					4							
Spaeriidae												
OLIGOCHAETA	115	55	1170		26	13	103	4	3			
HIRUDINEA												
HYDRACARINA												
BRYOZOA (COLONIES)												
OSTRACODA												
BRANCHIURA												
MALACOSTRACA												
<i>Asellus aquaticus</i> (Linnaeus)				20	202	65	1					
<i>Crangonyx pseudogracilis</i>				39	66	159						
<i>Gammarus</i> sp.							1					
<i>Gammarus tigrinus</i> Sexton	1											
<i>Collembola</i>									1			
<i>Orchestia cavimana</i>							1					
EPHEMEROPTERA												
<i>Baetis rhudani</i>		1	2									
ODONATA												
HEMIPTERA												
COLEOPTERA												
<i>Helophorus</i> sp.						1						
Hydrophilidae						1						
<i>Hydroporus</i>						1						
Dyticidae				7								
<i>Colymbetes</i>				1	14	42						
<i>Agabus</i>				5	4	29						
<i>Elmis aenea</i>							1					
MEGALOPTERA												
TRICHOPTERA												
Limnephilidae				1		1						
<i>Limnephilus auricula</i>					1							
<i>Limnephilus Lunatus</i>				2								
LEPIDOPTERA												
DIPTERA												
Empididae				1								
<i>Wiedemannia</i>				1		1						
Chironomidae				212	1880	154	3	1				
Simuliidae				13								
CLADOCERA												
NEMERTEA												
COLLEMBOLA					2							
NEMATODA					1	2						
CHELICERATA												

Summer Canal Sweep Results 2007 (Latchford)

Taxa List	Total number sampled		
	Us	Mid	Ds
BIVALVIA			
HIRUDINEA			
BRYOZOA (COLONIES)			
BRANCHIURA			
MALACOSTRACA			
EPHEMEROPTERA			
ODONATA			
HEMIPTERA			
COLEOPTERA			
TRICLADIDA			4
<i>Dugesia lugubris/polychroa</i>	8		
<i>Polycelis nigra / tenuis</i>	32	41	7
GASTROPODA			4
<i>Valvata</i> spp.	1		
<i>Radix</i> sp		1	9
<i>Radix (Lymnaea) balthica</i>	13	11	9
OLIGOCHAETA	35		
<i>Theromyzon tessulatum</i>	2		
HYDRACARINA	1	3	
OSTRACODA	8	7	1
<i>Asellus aquaticus</i> (Linnaeus)	266	29	1
<i>Gammarus</i> sp		1	
Baetidae	28	1	4
<i>Cloeon dipterum</i>		11	3
<i>Proclotron pennulatum</i>	3		
Zygoptera		1	
Coenagrionidae	8		4
<i>Ischnura elegans</i>	5	11	5
Corixinae	1	6	
<i>Corixa</i> sp		5	
<i>Corixa affinis/panzeri</i>		3	
<i>Corixa panzeri</i>		1	
<i>Sigara</i> sp	2	3	
<i>Sigara concinna</i>		1	
<i>Sigara dorsalis</i> (Leach)	4	5	2
<i>Sigara dorsalis/striata</i> (Leach)	5	6	6
<i>Callicorixa praeusta</i>		4	
<i>Hesperocorixa sahlbergi</i>	8		6
<i>Hygrotus</i> sp.			6
<i>Hyphydrus ovatus</i>		3	13
<i>Ilybius</i> sp		1	1
MEGALOPTERA			
TRICHOPTERA			
LEPIDOPTERA			
DIPTERA			
Chironomidae	50	90	1901
<i>Chaoborus</i> sp	265	172	135
CLADOCERA	682	150	804
NEMERTEA			
COLLEMBOLA			
NEMATODA			
CHELICERATA			

Scrape and Creek Cores Spring 2005

Scrape cores		19/04/2005		
Meiofauna Taxa List	scrape 1	scrape 2	scrape 3	
	Average No m ⁻²	Average No m ⁻²	Average No m ⁻²	
Gastrotricha	0	0	0	
Nematoda	25985	34646	103938	
Foraminifera	168899	190553	242522	
Oligochaeta	0	0	0	
Tubificidae	0	0	0	
<i>Tubificoides</i> spp.	0	0	0	
<i>Tubifex</i> spp.	0	0	0	
Radiololaria	0	0	0	
Actinopoda	0	8661	0	
Ostracoda	0	0	0	
Rotifera	0	0	0	
Collembola	0	0	0	
Copepoda	0	0	0	
Cyclopoida	0	0	0	
Calanoida	0	0	0	
Harpacticoida	0	0	0	
Mollusca	0	0	0	
Cyprid	0	0	0	
Chironomid	0	0	0	
Nemertea	0	0	0	
Total Densities	25985	43307	103938	
Macrofauna Taxa List	scrape 1	scrape 2	scrape 3	
	Average No m ⁻²	Average No m ⁻²	Average No m ⁻²	
Oligochaete	0	0	0	
Tubificidae	0	0	0	
<i>Tubificoides</i>	0	0	0	
Collembola	0	0	0	
<i>Limnodrilus</i> sp.	0	0	0	
Naididae	0	0	0	
Nereidae	0	0	0	
<i>Hediste diversicolor</i>	260	433	347	
<i>Corophium</i> spp.	0	0	0	
Gammaridae	0	0	0	
<i>Gammarus</i> spp.	0	0	0	
<i>Bathyporeia pilosa</i>	0	0	0	
<i>Neomysis integer</i>	0	0	0	
<i>Macoma balthica</i>	0	0	0	
<i>Mytilus edulis</i>	0	0	0	
<i>Skenea serpuloides</i>	0	0	0	
Isotomidae	0	0	0	
Hydrobiidae	0	0	0	
Total Densities	260	433	347	

Creek cores		29/04/2005		
Meiofauna Taxa List	site 1	site 2	site 3	
	Average No m ⁻²	Average No m ⁻²	Average No m ⁻²	
Gastrotricha	0	0	0	
Nematoda	25984	317011	103938	
Foraminifera	125854	137718	4642560	
Oligochaeta	0	0	0	
Tubificidae	0	0	0	
<i>Tubificoides</i> spp.	0	0	0	
<i>Tubifex</i> spp.	0	0	0	
Radiololaria	0	0	0	
Actinopoda	98741	119529	0	
Ostracoda	0	0	0	
Rotifera	0	0	0	
Collembola	0	0	0	
Copepoda	0	0	0	
Cyclopoida	0	0	0	
Calanoida	0	0	0	
Harpacticoida	0	0	0	
Gastropoda	20788	0	0	
Bivalvia	0	0	37979	
Mollusca	0	0	0	
Cyprid	0	0	0	
Chironomid	0	0	0	
Nemertea	0	0	0	
Total Densities	145513	436540	141917	
Macrofauna Taxa List	site 1	site 2	site 3	
	Average No m ⁻²	Average No m ⁻²	Average No m ⁻²	
Oligochaete	693	0	87	
Tubificidae	87	0	0	
<i>Tubificoides</i>	0	0	0	
Collembola	0	0	0	
<i>Limnodrilus</i> sp.	0	0	0	
Naididae	0	0	0	
Nereidae	0	953	0	
<i>Hediste diversicolor</i>	0	17323	0	
<i>Corophium</i> spp.	0	0	0	
Gammaridae	0	0	0	
<i>Gammarus</i> spp.	0	0	0	
<i>Bathyporeia pilosa</i>	0	0	0	
<i>Neomysis integer</i>	0	0	0	
<i>Macoma balthica</i>	0	0	0	
<i>Mytilus edulis</i>	0	0	0	
<i>Skenea serpuloides</i>	0	0	0	
Isotomidae	0	0	0	
Unidentified gastropod (poor)	953	0	0	
Flounder	87	0	0	
Hydrobiidae	0	87	0	
Richness	4	3	1	
Total Densities	1820	18363	87	

Fish Data (Beam Trawling)

Density m ⁻²																
SEASON	ZONE	Identifier	Cod	Dab	Eel	Flounder	Goby	Herring	Pipefish	Plaice	Sole	Sprat	Stickleback	Whiting	R/BLamprey	Sand Eel
Spring 2002	2	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2002	2	2	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2002	2	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2002	2	4	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2002	2	5	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2002	2	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2002	2	7	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2002	2	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2002	2	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2002	2	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2002	2	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2002	2	12	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2002	2	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2002	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2002	2	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2002	2	4	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2002	2	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2002	2	6														
Autumn 2002	2	7														
Autumn 2002	2	8	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2002	2	9	0.00	0.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2002	2	10	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2002	2	11														
Autumn 2002	2	12														
Average			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2003	2	1	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2003	2	2	0.00	0.00	0.00	0.08	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2003	2	3	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2003	2	4	0.00	0.00	0.00	0.03	0.13	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2003	2	5	0.00	0.00	0.00	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2003	2	6	0.00	0.00	0.00	0.02	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2003	2	7	0.00	0.00	0.00	0.10	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2003	2	8	0.00	0.00	0.00	0.10	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2003	2	9	0.00	0.00	0.00	0.08	0.20	0.02	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2003	2	10	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2003	2	11	0.00	0.00	0.00	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2003	2	12	0.00	0.00	0.00	0.00	0.00	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average			0.00	0.00	0.00	0.04	0.05	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2003	2	1	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2003	2	2	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2003	2	3	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2003	2	4	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
Autumn 2003	2	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2003	2	6	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
Autumn 2003	2	7	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.12	0.00	0.02	0.00	0.00	0.00	0.00
Autumn 2003	2	8	0.00	0.00	0.00	0.02	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2003	2	9	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2003	2	10	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2003	2	11	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Autumn 2003	2	12	0.00	0.00	0.00	0.02	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average			0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00

Fish Data (Beam Trawling)

Density m ⁻²		SEASON	ZONE	Identifier	Cod	Dab	Eel	Flounder	Goby	Herring	Pipefish	Plaice	Sole	Sprat	Stickleback	Whiting	R/BLamprey	Sand Eel	
Spring 2004	1	1	0.00	0.00	0.00	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	1	2	0.00	0.00	0.00	0.02	0.00	0.01	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	
Spring 2004	1	3	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	1	4	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	1	5	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	
Spring 2004	1	6	0.00	0.00	0.00	0.02	0.01	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	1	7	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	1	8	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	
Spring 2004	1	9	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	1	10	0.00	0.00	0.00	0.03	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	1	11	0.00	0.00	0.00	0.00	0.01	0.03	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	1	12	0.00	0.00	0.00	0.03	0.00	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Average					0.00	0.00	0.00	0.02	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2004	2	1	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	2	2	0.00	0.02	0.00	0.17	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	2	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	
Spring 2004	2	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	2	5	0.00	0.00	0.00	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	2	6	0.00	0.00	0.00	0.12	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	2	7	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	2	8	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	2	9	0.00	0.00	0.00	0.05	0.07	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	2	10	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	2	11	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spring 2004	2	12																	
Average					0.00	0.00	0.00	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2004	1	1	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	1	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	1	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	1	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	1	5	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	1	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	1	7	0.00	0.00	0.00	0.02	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	1	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	1	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	1	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	1	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	1	12	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Average					0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2004	2	1	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	2	2	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	2	3	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	2	4	0.00	0.00	0.00	0.02	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	2	5	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	2	6	0.00	0.00	0.00	0.02	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	2	7	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	2	8	0.00	0.00	0.00	0.02	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	2	9	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	2	10	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Summer 2004	2	11																	
Summer 2004	2	12																	
Average					0.00	0.00	0.00	0.01	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Fish Data (Beam Trawling)

Density m ⁻²																
SEASON	ZONE	Identifier	Cod	Dab	Eel	Flounder	Goby	Herring	Pipefish	Plaice	Sole	Sprat	Stickleback	Whiting	R/BLamprey	Sand Eel
Autumn 2004	1	1	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Autumn 2004	1	2	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2004	1	3	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Autumn 2004	1	4	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2004	1	5	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Autumn 2004	1	6	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Autumn 2004	1	7	0.00	0.00	0.00	0.00	0.06	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.00
Autumn 2004	1	8	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Autumn 2004	1	9	0.00	0.00	0.00	0.00	0.04	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2004	1	10	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2004	1	11	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2004	1	12	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Average			0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00
Autumn 2004	2	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Autumn 2004	2	2	0.01	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Autumn 2004	2	3	0.00	0.00	0.00	0.00	0.62	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00
Autumn 2004	2	4	0.00	0.00	0.00	0.00	0.28	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Autumn 2004	2	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2004	2	6	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Autumn 2004	2	7	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2004	2	8	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
Autumn 2004	2	9	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2004	2	10	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2004	2	11	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2004	2	12														
Average			0.00	0.00	0.00	0.00	0.27	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00
Spring 2005	1	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Spring 2005	1	2	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Spring 2005	1	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Spring 2005	1	4	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Spring 2005	1	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	1	6	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	1	7	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	1	8	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	1	9	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Spring 2005	1	10	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	1	11	0.00	0.00	0.00	0.00	0.05	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	1	12	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Average			0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Spring 2005	2	1	0.00	0.00	0.02	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	2	2	0.00	0.00	0.00	0.00	0.12	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Spring 2005	2	3	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	2	4	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	2	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Spring 2005	2	6	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	2	7	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Spring 2005	2	8	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	2	9	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	2	10	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2005	2	11	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Spring 2005	2	12														
Average			0.00	0.00	0.01	0.00	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00

Fish Data (Beam Trawling)

Density m ⁻²																
SEASON	ZONE	Identifier	Cod	Dab	Eel	Flounder	Goby	Herring	Pipefish	Plaice	Sole	Sprat	Stickleback	Whiting	R/BLamprey	Sand Eel
Summer 2005	1	1	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	1	2	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
Summer 2005	1	3	0.00	0.00	0.00	0.00	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	1	4	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	1	5	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	1	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	1	7	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	1	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	1	9	0.00	0.00	0.00	0.03	0.10	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	1	10	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	1	11	0.00	0.00	0.00	0.00	0.03	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	1	12	0.00	0.00	0.00	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average			0.00	0.00	0.00	0.00	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	2	1	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	2	2	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
Summer 2005	2	3	0.00	0.00	0.00	0.02	1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	2	4	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	2	5	0.00	0.00	0.00	0.37	1.17	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	2	6	0.00	0.00	0.00	0.17	0.50	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
Summer 2005	2	7	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	2	8	0.00	0.00	0.00	0.03	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	2	9	0.00	0.00	0.00	0.33	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	2	10	0.00	0.00	0.00	0.27	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2005	2	11														
Summer 2005	2	12														
Average			0.00	0.00	0.00	0.12	0.65	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Autumn 2005	1															
Autumn 2005	1															
Autumn 2005	1	3	0.00	0.00	0.00	0.00	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2005	1	4	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.02	0.00	0.07	0.00	0.00
Autumn 2005	1	5	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2005	1	6	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Autumn 2005	1	7	0.03	0.00	0.00	0.00	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2005	1	8	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
Autumn 2005	1	9	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
Autumn 2005	1	10	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2005	1	11	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2005	1	12	0.00	0.00	0.00	0.03	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
Average			0.00	0.00	0.00	0.01	0.03	0.01	0.01	0.00	0.00	0.02	0.00	0.02	0.00	0.00
Autumn 2005	2	1	0.00	0.00	0.00	0.00	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2005	2	2	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Autumn 2005	2	3	0.00	0.00	0.00	0.00	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.00
Autumn 2005	2	4	0.00	0.00	0.00	0.03	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.05	0.00	0.00
Autumn 2005	2	5	0.00	0.00	0.00	0.07	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
Autumn 2005	2	6	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
Autumn 2005	2	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2005	2	8	0.00	0.00	0.00	0.02	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
Autumn 2005	2	9	0.00	0.00	0.00	0.00	0.08	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2005	2	10	0.00	0.00	0.00	0.00	0.02	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2005	2	11														
Autumn 2005	2	12														
Average			0.00	0.00	0.00	0.01	0.10	0.00	0.01	0.00	0.00	0.02	0.00	0.02	0.00	0.00

Fish Data (Beam Trawling)

Density m ⁻²																
SEASON	ZONE	Identifier	Cod	Dab	Eel	Flounder	Goby	Herring	Pipefish	Plaice	Sole	Sprat	Stickleback	Whiting	R/BLamprey	Sand Eel
Spring 2006	1	1	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	1	2														
Spring 2006	1	3														
Spring 2006	1	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	1	5	0.00	0.00	0.00	0.03	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	1	6														
Spring 2006	1	7														
Spring 2006	1	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	1	9	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	1	10														
Spring 2006	1	11														
Spring 2006	1	12	0.00	0.00	0.00	0.02	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average			0.00	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	2	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	2	2	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	2	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	2	4	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	2	5	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	2	6	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	2	7	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	2	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	2	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	2	10	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	2	11	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2006	2	12														
Average			0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2006	1	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
Summer 2006	1	2														
Summer 2006	1	3														
Summer 2006	1	4	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2006	1	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
Summer 2006	1	6														
Summer 2006	1	7														
Summer 2006	1	8	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2006	1	9	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.00
Summer 2006	1	10														
Summer 2006	1	11														
Summer 2006	1	12	0.00	0.00	0.00	0.00	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average			0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Summer 2006	2	1	0.00	0.00	0.00	0.03	0.25	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Summer 2006	2	2	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Summer 2006	2	3	0.00	0.00	0.00	0.03	0.12	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Summer 2006	2	4	0.00	0.00	0.00	0.03	0.55	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Summer 2006	2	5	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2006	2	6	0.00	0.00	0.00	0.02	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2006	2	7	0.00	0.00	0.00	0.05	0.70	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00
Summer 2006	2	8	0.00	0.00	0.00	0.02	0.15	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2006	2	9	0.00	0.00	0.00	0.02	0.18	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2006	2	10	0.00	0.00	0.00	0.13	0.40	0.00	0.08	0.00	0.00	0.00	0.00	0.02	0.00	0.00
Summer 2006	2	11	0.00	0.00	0.00	0.05	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer 2006	2	12														
Average			0.00	0.00	0.00	0.03	0.35	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00

Fish Data (Beam Trawling)

Density m ⁻²																
SEASON	ZONE	Identifier	Cod	Dab	Eel	Flounder	Goby	Herring	Pipefish	Plaice	Sole	Sprat	Stickleback	Whiting	R/BLamprey	Sand Eel
Autumn 2006	1	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	1	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	1	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	1	4	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
Autumn 2006	1	5	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	1	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	1	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	1	8	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
Autumn 2006	1	9	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	1	10														
Autumn 2006	1	11														
Autumn 2006	1	12	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average			0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Autumn 2006	2	1	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	2	2	0.00	0.00	0.00	0.02	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	2	3	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Autumn 2006	2	4	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	2	5	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	2	6	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	2	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	2	8	0.00	0.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	2	9	0.00	0.00	0.00	0.02	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	2	10	0.00	0.00	0.00	0.02	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	2	11	0.00	0.00	0.00	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Autumn 2006	2	12														
Average			0.00	0.00	0.00	0.01	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	1	1	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	1	2														
Spring 2007	1	3	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	1	3														
Spring 2007	1	5	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	1	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	1	7	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	1	8	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	1	9	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	1	10	0.00	0.00	0.02	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	1	11														
Spring 2007	1	12	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average			0.00	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	2	1	0.00	0.00	0.00	0.02	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	2	2	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	2	3	0.00	0.00	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Spring 2007	2	4	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	2	5	0.00	0.00	0.00	0.08	0.17	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	2	6	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	2	7														
Spring 2007	2	8	0.00	0.00	0.00	0.02	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	2	9	0.00	0.00	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	2	10	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	2	11	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spring 2007	3	12														
Average			0.00	0.00	0.00	0.02	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Fish Data (Seine net densities)

Density m ⁻²	2002		2003		2004									2005								
	Spring	Autumn	Spring	Autumn	Spring			Summer			Autumn			Spring			Summer			Autumn		
	S3	S3	S3	S3	S1	S2	S3	S1	S2	S3	S1	S2	S3	S1	S2	S3	S1	S2	S3	S1	S2	S3
Flounder	0.21	0.01	0.04	0.02	0.09	0.23	0.02	0.19	0.92	0.27	0.02	0.03	P	0.02	0.04	0.05	0.38	0.58	1.47	0.38	0.23	0.05
Goby	P	0.34	0.00	1.57	0.00	0.00	0.00	0.40	0.32	0.86	0.48	0.68	0.42	0.02	0.02	0.00	1.08	1.8	4.38	0.53	1.31	1.18
Stickleback	0.00	0.00	0.00	P	P	P	P	P	P	P	0.00	P	P	P	0.00	0.00	0.00	P	P	0.00	0.00	P
Mullet	0.00	0.00	P	0.00	0.00	0.00	0.00	0.00	0.00	P	0.00	0.00	0.00	P	0.00	0.00	0.00	0.00	0.00	0.00	P	0.00
Plaice	0.04	0.00	0.00	0.00	P	0.00	0.00	0.00	P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Whiting	0.00	0.00	0.00	0.00	P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Roach	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	P	0.00	0.00	P	0.00	P	0.00	0.00	P	0.00	0.00
Chub	0.00	0.00	0.00	0.00	0.00	0.00	0.00	P	P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trout	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Herring	0.03	0.00	0.00	0.00	0.00	0.00	0.00	P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	P	0.00	0.00	0.00
Sprat	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	P	0.00	0.00	0.00
Bream	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	P	0.00	0.00	0.00	0.00	P	0.00	0.00
Bass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	P	P	0.00	0.00	0.00	0.00
Eel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	P	0.00	0.00	P	0.00	0.00
Richness	4	2	3	3	4	2	2	5	6	4	2	4	3	4	4	1	2	6	6	2	6	3
Total Density m⁻²	0.29	0.35	0.06	1.59	0.0938	0.23	0.02	0.59	1.24	1.13	0.5	0.71	0.42	0.04	0.06	0.05	1.46	2.38	5.85	0.91	1.54	1.23

P denotes species present at densities less than 0.01 m⁻²

Fish Data (Larval Trawl results)

	2003	
	Spring	Autumn
	Zone 2	Zone 2
Goby (m ⁻²)	0.04	1.87
Flounder (m ⁻²)	0.42	0.00
Total Density (m ⁻²)	0.47	1.87

	2004								
	Spring			Summer			Autumn		
	Zone 1	Zone 2	Zone 3	Zone 1	Zone 2	Zone 3	Zone 1	Zone 2	Zone 3
Goby (m ⁻²)	0.00	0.00	0.00	0.07	0.17	0.13	0.07	0.07	0.03
Flounder (m ⁻²)	0.03	14.09	1.47	0.00	0.00	0.00	0.00	0.00	0.00
Total Density (m ⁻²)	0.03	14.09	1.47	0.07	0.17	0.13	0.07	0.07	0.03

	2005								
	Spring			Summer			Autumn		
	Zone 1	Zone 2	Zone 3	Zone 1	Zone 2	Zone 3	Zone 1	Zone 2	Zone 3
Goby (m ⁻²)	0.03	5.23	0.00	0.07	0.00	0.13	0.00	0.00	0.03
Flounder (m ⁻²)	4.43	0.00	5.10	0.00	0.00	0.00	0.00	0.03	0.00
Total Density (m ⁻²)	4.47	5.23	5.10	0.07	0.00	0.13	0.00	0.03	0.03

	2006								
	Spring			Summer			Autumn		
	Zone 1	Zone 2	Zone 3	Zone 1	Zone 2	Zone 3	Zone 1	Zone 2	Zone 3
Goby (m ⁻²)	0.00	0.00	Not sampled	0.13	2.63	Not sampled	0.00	0.13	Not sampled
Flounder (m ⁻²)	3.33	2.80	Not sampled	0.00	0.00	Not sampled	0.00	0.00	Not sampled
Total Density (m ⁻²)	3.33	2.80		0.13	2.63		0.00	0.13	

	2007		
	Spring		
	Zone 1	Zone 2	Zone 3
Goby (m ⁻²)	0.00	0.03	Not sampled
Flounder (m ⁻²)	0.00	0.63	Not sampled
Total Density (m ⁻²)	0.00	0.66	

Fish Data (Scrape trawl results)

Scrape 1	Density m ⁻²											
Species	Autumn 2002	Autumn 2003	Spring 2004	Summer 2004	Autumn 2004	Spring 2005	Summer 2005	Autumn 2005	Spring 2006	Summer 2006	Autumn 2006	Spring 2007
Sand Goby	24.5	1.62	0	1.4	5.31	3.02	0	1.43	Dry	Dry	Dry	Dry
Herring	0.03	0	0.59	0	0	0	0	0.01				
Spratt	0.39	0.22	0	0	1.4	0	0.48	0.05				
Stickleback	0.03	0	0	0	0	0	0	0				
Roach	0.03	0	0	0	0	0	0	0				
Flounder	0	0.03	1.17	0	0	0	0	0				
Sea Bass	0.03	0	0	0	0	0	0	0.01				
Pipefish	0	0.03	0	0	0	0	0	0				
Whiting	0	0	0	0	0.08	0	0	P				
Bream	0	0	0	0	0.03	0	0	0				

Scrape 2	Density m ⁻²											
Species	Autumn 2002	Autumn 2003	Spring 2004	Summer 2004	Autumn 2004	Spring 2005	Summer 2005	Autumn 2005	Spring 2006	Summer 2006	Autumn 2006	Spring 2007
Sand Goby	0.7	0	0	0	0.06	0	Dry	0.93	0	Dry	2.03	0.06
Herring	0	0	0	0	0	0		0	0		0	0
Spratt	0	0	0	0	0	0		0	0		0.04	0
Stickleback	0	0	0.03	0	0	0		0	0		0	0
Roach	0	0	0	0	0	0		0	0		0	0
Flounder	0	0	0.11	0	0	0		0	1.27		0	0
Sea Bass	0	0	0	0	0	0		0	0		0.01	0
Pipefish	0	0	0	0	0	0		0	0		0	0
Whiting	0	0	0	0	0	0		0	0		0.01	0
Bream	0	0	0	0	0	0		0	0		0	0

Scrape 3	Density m ⁻²											
Species	Autumn 2002	Autumn 2003	Spring 2004	Summer 2004	Autumn 2004	Spring 2005	Summer 2005	Autumn 2005	Spring 2006	Summer 2006	Autumn 2006	Spring 2007
Sand Goby	1.04	0	0	0	0.06	0	Dry	0.89	0	Dry	2.14	0
Herring	0	0	0	0	0	0		0	0		0	0
Spratt	0	0	0	0	0.36	0		0	0		0	0
Stickleback	0	0	0	0	0	0		0	0		0	0
Roach	0	0	0	0	0	0		0	0		0	0
Flounder	0	0	0	0	0	0		0	1.06		1.06	0
Sea Bass	0	0	0	0	0	0		0	0		0	0
Pipefish	0	0	0	0	0	0		0	0		0	0
Whiting	0	0	0	0	0.11	0		0	0		0	0
Bream	0	0	0	0	0.03	0		0	0		0	0
Sole	0	0	0	0	0	0		0	0		0.01	0

P denotes species present at densities less than 0.01 m⁻²

Canal macrophyte survey

St Helens Canal	Date	26/07/2004	29/09/2004	13/04/2005	26/07/2005	28/10/2005	28/04/2006	14/08/2006	11/10/2006	21/03/2007	07/09/2007	
Site 1	<i>Alnus glutinosa</i>		P								P	
	<i>Epilobium hersuitum</i>	P	P	P	P	P	P	P	P	P	P	
	<i>Iris pseudocorus</i>	P	P	P	P	P	P	P	P		P	
	<i>Lemna minor</i>										P	
	<i>Myosotis scorpioides</i>	P										
	<i>Oenanthe crocata</i>	P		P	P	P	P	Dead	P	P		
	<i>Phalaris arundinacea</i>	P	P	P	P	P	P	P	P		P	
	<i>Rumex obtusifolius</i>											P
	Salix	P	P	P	P	P	P	P	P	P	P	P
	<i>Solanum dulcamara</i>									P		
	<i>Sparganium erectum</i>	P	P	P	P	P	P				P	P
	Filamentous algae				P							
	Number species recorded	7	6	6	6	6	6	6	4	6	4	8
	Site 2	<i>Chamerion angustifolium</i>								P		
<i>Epilobium hersuitum</i>		P	P		P		P	P	P		P	
<i>Iris pseudocorus</i>								P			P	
<i>Lemna minor</i>											P	
<i>Oenanthe crocata</i>							P	P	P			
<i>Persicaria amphibia</i>		P	P								P	
<i>Phalaris arundinacea</i>		P	P	P	P	P	P	P	P		P	
Salix		P	P	P	P	P	P	P	P	P	P	
<i>Sparganium erectum</i>		P	P	P	P			P	P	P	P	
Filamentous algae					P							
Number species recorded		5	5	3	4	2	4	6	6	2	7	
Site 3	<i>Epilobium hersuitum</i>	P			P			P	P		P	
	<i>Lycopus europaeus</i>				P							
	<i>Oenanthe crocata</i>	P	P		P	P	P	Dead		P	P	
	<i>Phalaris arundinacea</i>	P	P	P	P	P	P	P	P	P	P	
	Salix	P	P	P	P	P	P	P	P	P	P	
	<i>Tusillago farfara</i>	P										
	Filamentous algae										P	
	Number species recorded	5	3	2	5	3	3	3	3	3	4	

P denotes presence

Canal macrophyte survey

Bridgewater Canal	Date Species	26/07/2004	29/09/2004	13/04/2006	26/07/2006	28/10/2005	28/04/2006	14/08/2006	11/10/2006	21/03/2007	30/08/2007	
Site 1	<i>Alnus glutinosa</i>	P	P	P	P	P	P	P	P	P	P	
	<i>Ceratophyllum demersum</i>		P	P			P	P	P	P		
	<i>Chara globulosa</i>	P	P	P	P							
	<i>Elodea nuttallii</i>	P	P	P	P	P	P	P	P	P	P	
	<i>Enteromorpha intestinalis</i>				P	P		P	P		P	
	<i>Glyceria maxima</i>	P	P						P	P	P	
	<i>Lemna minor</i>	P										
	<i>Lemna trisulca</i>								P			
	<i>Myriophyllum spicatum</i>	P	P		P	P		P	P		P	
	<i>Nitella mucrinata var gracillama</i>	P	P	P	P	P	P		P	P	P	
	<i>Nupha lutea</i>										P	
	<i>Nymphoides peltata</i>										P	
	<i>Potamogeton berchtoldii</i>	P	P		P	P				P		
	<i>Potamogeton crispus</i>									P		
	<i>Potamogeton pectinatus</i>	P	P		P	P	P	P	P	P		
	Salix sp								P			
	Filamentous algae	P	P		P	P	P	P	P	P		
Number species recorded	9	9	5	8	7	5	7	11	5	8		
Site 2	<i>Alnus glutinosa</i>		P	P	P	P	P	P	P	P	P	
	<i>Ceratophyllum demersum</i>	P	P		P	P	P		P	P	P	
	<i>Chara globulosa</i>		P	P		P						
	<i>Elodea nuttallii</i>	P	P	P	P	P	P	P	P	P	P	
	<i>Enteromorpha intestinalis</i>		P						P		P	
	<i>Fallopia japonica</i>							P				
	<i>Myriophyllum spicatum</i>		P		P	P	P	P	P	P	P	
	<i>Nitella mucrinata var gracillama</i>	P	P	P	P	P	P		P		P	
	<i>Potamogeton berchtoldii</i>		P		P	P	P		P			
	<i>Potamogeton pectinatus</i>	P	P		P	P	P	P	P			
	Filamentous algae	P	P		P	P	P	P		P		
	Number species recorded	4	9	4	7	8	7	5	8	4	6	
	Site 3	Carex sp.								P	P	
		<i>Ceratophyllum demersum</i>										P
<i>Elodea nuttallii</i>		P	P		P	P	P		P	P		
<i>Enteromorpha intestinalis</i>					P						P	
<i>Epilobium hirsutum</i>					P	P		P	P			
<i>Glyceria maxima</i>		P	P	P	P	P		P	P	P	P	
<i>Heracleum mantegazzianum</i>					P	P	P					
<i>Myriophyllum spicatum</i>									P		P	
<i>Nitella mucrinata var gracillama</i>			P		P	P					P	
<i>Nymphoides peltata</i>					P			P	P			
<i>Potamogeton berchtoldii</i>					P							
<i>Potamogeton pectinatus</i>		P	P		P				P		P	
Salix		P	P		P	P	P	P	P	P	P	
Sparganium sp.											P	
<i>Typha latifolia</i>		P	P	P	P	P	P	P	P		P	
Filamentous algae		P	P		P	P			P	P		
Number species recorded	5	6	2	11	7	4	5	9	4	9		

P denotes presence

Canal and brook macrophyte survey

Latchford Canal	Date	30/08/2007
Site 1	Callitriche sp.	P
	<i>Alnus glutinosa</i>	P
	<i>Epilobium hirsutum</i>	P
	Juncus sp.	P
	<i>Potamogeton berchtoldii</i>	P
	Number species recorded	5
Site 2	<i>Potamogeton berchtoldii</i>	P
	<i>Typha latifolia</i>	P
	<i>Potamogeton crispus</i>	P
	<i>Alnus glutinosa</i>	P
	<i>Epilobium hirsutum</i>	P
	<i>Fallopia japonica</i>	P
	Number species recorded	6
Site 3	<i>Typha latifolia</i>	P
	<i>Epilobium hirsutum</i>	P
	<i>Alnus glutinosa</i>	P
	Salix sp.	P
	<i>Potamogeton berchtoldii</i>	P
	Number species recorded	5

Stewards Brook	Date	22/03/2007	
		Surface Cover Value (SCV)	Percentage cover
Site 1a	<i>Phalaris arundinacea</i>	3	1 - 2.5
	<i>Apium nodiflorum</i>	1	< 0.1
	<i>Oenanthe crocata</i>	3	1 - 2.5
Site 1b	<i>Phalaris arundinacea</i>	5	05 - 10
	<i>Apium nodiflorum</i>	3	1 - 2.5
	<i>Oenanthe crocata</i>	1	< 0.1
Site 2	<i>Phalaris arundinacea</i>	7	25 - 50
	<i>Apium nodiflorum</i>	3	1 - 2.5
	<i>Oenanthe crocata</i>	1	< 0.1

Bowers Brook	Date	07/09/2007	
		Surface Cover Value (SCV)	Percentage cover
Site 1	<i>Tussilago farfara</i>	4	2.5 - 5
	<i>Aster tripolium</i>	7	25 - 50
	filamentous algae	7	25 - 50
	grasses	9	>75
Site 2	<i>Aster tripolium</i>	6	10 - 25
	filamentous algae	4	2.5 - 5
Site 3	<i>Aster tripolium</i>	5	5 - 10

P denotes presence