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# An analysis of the meroplankton assemblages of Station L4 and the development and application of molecular techniques to aid taxonomic resolution.

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Meroplankton abundance

Date	Brachyura zoea	Brachyura megalopa	<i>Necora</i> zoea	Porcellanid zoea
19/05/2008	1.466	0.029	0	0.043
23/06/2008	34.66	0.216	0	6.827
28/07/2008	0.39	0	0	0
20/08/2008	2.23	0	0	0.014
22/09/2008	0.561	0	0	0.086
29/09/2008	4.47	0	0	0.517
29/10/2008	0.776	0.115	0	0.029
26/11/2008	0.072	0	0	0.014
13/01/2009	0.489	0.014	0	0
11/02/2009	10.795	0.029	0	0
02/03/2009	29.711	0	0	0.014
23/03/2009	11.629	0	0.719	0.201
27/04/2009	9.501	0.23	0.043	0.834
21/05/2009	29.438	0.848	3.205	0.029
28/05/2009	0	0	0	0
19/10/2009	0	0	0	0
26/10/2009	4.086	0.086	0.014	0.014
01/12/2009	0.086	0	0	0
15/12/2009	0.172	0	0	0
04/01/2010	1.121	0	0	0
01/02/2010	7.661	0	0.201	0
01/03/2010	1.581	0	0.014	0
23/03/2010	1.121	0	0	0

<i>Caridea</i>	<i>Galathea</i>	<i>Upogebia</i>	<i>Callianassa</i>	Paguridae zoea
0.144	0.172	0.561	0	0.014
0.517	0.719	1.294	0.029	0.101
0.22	0	0.6	0.014	0
0.862	0	2.228	0	0
0.546	0.287	1.308	0	0.172
2.214	0.029	1.739	0.043	0
2.932	0.086	0.934	0	0
0.331	0	0.043	0	0
0.331	0.101	0.014	0	0.331
0.891	0.906	6	0	2.271
0.747	1.351	0.115	0	2.041
0.043	1.179	0.014	0	1.049
0.69	1.768	1.351	0	0.115
0.201	0.402	2.458	0	0.129
0	0	0	0	0
0	0	0	0	0
6.310	0.331	0.920	0	0.172
0.129	0	0	0	0.158
0.029	0.029	0.043	0	0
0.345	0	0	0	0.546
0.172	0.244	0	0	0.345
0.029	0.057	0	0	0
0.029	0.086	0.029	0	0.071

Barnacle nauplii	Barnacle cypris	Gastropoda larvae	Bivalvia larvae	Mussel larvae
0	0	0.216	0	0
0.029	0	0.057	0	0
0.086	0.043	0.604	0.129	0
11.341	0	0.575	0.776	0
0.834	0.086	0.977	9.084	0
0.043	0	10.997	37.301	0
4.37	0.057	0.302	31.364	0
0.014	0	0.187	0.043	0
0.029	0	0.187	0.014	0.014
0	0	0.072	0	0
0	0	0.144	0.014	0
0.043	0	0.201	0	0
0	0	0.503	0	0
0	0	0.029	0	0
0	0	0	0	0
0	0	0	0	0
5.247	0.086	0.604	0.057	0
0.014	0	0	0.057	0
0	0	0.014	0.043	0
0	0	0.029	0.201	0
0	0	0.144	0.043	0
0	0	0.029	0	0
20.770	0	1.049	0	0

<i>Ebalia zoea</i>	Cnidaria	Polychaete larvae	<i>Lagis koren i larvae</i>	<i>Obelia medusa</i>
0	0	0.101	0	0
0	0	0	0.014	0
0	0	0.014	0	0
0.014	0	0	0	5.62
0.057	0	0	0	0
0	0	0	0	0.014
0.158	0	0.014	0	0
0	0	0.043	0	0.201
0.201	0	0	0	0
0.359	0	0	0	0
0.072	0	0.029	0	0
0.129	0	0.144	0	0
0.043	0	1.107	0.043	0
0	0.014	0.057	0	0
0	0	0	0	0
0	0	0	0	0
0.029	0	0	0	0
0.014	0	0	0	0
0	0	0	0	0
0.101	0	0.014	0	0
0.273	0	0.345	0	0
0	0	0	0	0
0	0	0.086	0	0

Echinoderm ophioplutei	Echinoderm auricularia	Echinoidea larvae	Asteroidea brachiolaria
0	0	0	0
0.014	0	0	0
0.014	0	0	0
0.043	0	0	0
0.115	0.014	0.029	0.043
0.043	0	0	0
0.115	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0.014
0.086	0	0	0
0.014	0	0.057	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0.762
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0.014	0	0	0
0.273	0	0	0

