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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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Species	19/05/2008 Medium mesh (335 µm)	23/06/2008 Medium mesh (335 µm)	28/07/2008 Medium mesh (335 µm)	20/08/2008 Medium mesh (335 µm)	22/09/2008 Medium mesh (335 µm)
Decapoda (Brachyura) zoea	3	3	2	3	2
Decapoda (Brachyura) megalopa	1	2	0	0	0
<i>Necora</i> zoea	0	0	0	0	0
Porcellanid zoea	1	3	0	1	1
Caridea	1	2	2	1	2
<i>Galathea</i>	2	2	0	0	2
<i>Upogebia</i>	2	2	3	2	2
<i>Callinassa</i>	0	1	1	0	0
Paguridae zoea	1	1	0	0	2
Barnacle nauplii	0	1	1	3	2
Barnacle cypris	0	0	1	0	1
Gastropoda larvae	2	1	2	2	2
Bivalva larvae	0	0	1	2	3
Mussel larvae	0	0	0	0	0
<i>Ebalia</i> zoea	0	0	0	1	1
Cnidaria	0	0	0	0	0
Polychaete larvae	1	0	1	0	0
<i>Lagis koreni</i> larvae	0	1	0	0	0
<i>Obelia</i> medusa	0	0	0	3	0
Echinoderm ophioplutei	0	1	1	1	1
Echinoderm auricularia	0	0	0	0	1
Echinoidea larvae	0	0	0	0	1
Asteroidea brachiolaria	0	0	0	0	1
Asteroidea	0	0	0	0	1

010 data converted to abundance scale

1 =1
2=11-100
3=101+

29/09/2008 Medium mesh (335 µm)	29/10/2008 Medium mesh (335 µm)	26/11/2008 Medium mesh (335 µm)	13/01/2009 Medium mesh (335 µm)	11/02/2009 Medium mesh (335 µm)	02/03/2009 Medium mesh (335 µm)	23/03/2009 Medium Mesh (335 µm)
3	2	1	2	3	3	3
0	1	0	1	1	0	0
0	0	0	0	0	0	2
2	1	1	0	0	1	2
3	3	2	2	2	2	1
1	1	0	1	2	2	2
3	2	1	1	1	1	1
1	0	0	0	0	0	0
0	0	0	2	3	3	2
1	3	1	1	0	0	1
0	1	0	0	0	0	0
3	2	2	2	1	1	2
3	3	1	1	0	1	0
0	0	0	1	0	0	0
0	2	0	2	2	1	1
0	0	0	0	0	0	0
0	1	1	0	0	1	1
0	0	0	0	0	0	0
1	0	2	0	0	0	0
1	1	0	0	0	0	1
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1	0
0	1	0	0	0	0	0

27/04/2009 Medium Mesh (335 µm)	21/05/2009 Medium Mesh (335 µm)	26/10/2009 Medium Mesh (335 µm)	01/12/2009 Medium Mesh (335 µm)	15/12/2009 Medium Mesh (335 µm)	04/01/2010 Medium Mesh (335 µm)	01/02/2010 Medium Mesh (335 µm)
3	3	3	1	2	2	3
2	2	1	0	0	0	0
1	3	1	0	0	0	2
2	1	1	0	0	0	0
2	2	3	1	1	2	2
3	2	2	0	1	0	2
2	3	2	0	1	0	0
0	0	0	0	0	0	0
1	1	2	2	0	2	2
0	0	3	1	0	0	0
0	0	1	0	0	0	0
2	1	2	0	1	1	1
0	0	1	1	1	2	1
0	0	0	0	0	0	0
1	0	1	1	0	1	2
0	1	0	0	0	0	0
2	1	0	0	0	1	2
1	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
1	0	0	0	0	0	0
0	0	0	0	0	0	0
1	0	0	0	0	0	0
0	0	2	0	0	0	0
1	0	0	0	0	0	0

01/03/2010 Medium Mesh (335 μm)	23/03/2010 Medium Mesh (335 μm)
3	2
0	0
1	0
0	0
1	1
1	1
0	1
0	0
0	1
0	3
0	0
1	2
0	0
0	0
0	0
0	0
0	1
0	0
0	0
1	2
0	0
0	0
0	0
0	0