

2012

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

Highfield, James

<http://hdl.handle.net/10026.1/1171>

<http://dx.doi.org/10.24382/3260>

University of Plymouth

All content in PEARL is protected by copyright law. Author manuscripts are made available in accordance with publisher policies. Please cite only the published version using the details provided on the item record or document. In the absence of an open licence (e.g. Creative Commons), permissions for further reuse of content should be sought from the publisher or author.

Abundance data in total counts for meroplanktonic larvae from the 2008-2010 Station L4 time-series.

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)	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)	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)	01/03/2010 Medium Mesh (335 µm)	23/03/2010 Medium Mesh (335 µm)
Decapoda (Brachyura) zoea	102	2411	27	160	39	311	54	5	34	751	2067	809	661	2048	285	6	12	78	533	110	78
Decapoda (Brachyura) megalopa	2	15	0	0	0	0	8	0	1	2	0	0	16	59	6	0	0	0	0	0	0
Necora zoea	0	0	0	0	0	0	0	0	0	0	0	50	3	223	1	0	0	0	14	1	0
Porcellanid zoea	3	475	0	1	6	36	2	1	0	0	1	14	58	2	1	0	0	0	0	0	0
Caridea	10	36	15	60	38	154	204	23	23	62	52	3	48	14	439	9	2	24	12	2	2
Galathea	12	50	0	0	20	2	6	0	7	63	94	82	123	28	23	0	2	0	17	4	6
Upogebia	39	90	42	155	91	121	65	3	1	6	8	1	94	171	64	0	3	0	0	0	2
Callinassa	0	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paguridae zoea	1	7	0	0	12	0	0	0	23	158	142	73	8	9	12	11	0	38	24	0	5
Barnacle nauplii	0	2	6	789	58	3	304	1	2	0	0	3	0	0	365	1	0	0	0	0	1445
Barnacle cypris	0	0	3	0	6	0	4	0	0	0	0	0	0	0	6	0	0	0	0	0	0
Gastropoda larvae	15	4	42	40	68	765	21	13	13	5	10	14	35	2	42	0	1	2	10	2	73
Bivalvia larvae	0	0	9	54	632	2595	2182	3	1	0	1	0	0	0	4	4	3	14	3	0	0
Mussel larvae	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Ebalia zoea	0	0	0	1	4	0	11	0	14	25	5	9	3	0	2	1	0	7	19	0	0
Segitta	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
Isopoda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cnidaria	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Polychaete larvae	7	0	1	0	0	0	1	3	0	0	2	10	77	4	0	0	0	1	24	0	6
Lagis koreni larvae	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
Obelia medusa	0	0	0	391	0	1	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinoderm ophioplutei	0	1	1	3	8	3	8	0	0	0	0	6	1	0	0	0	0	0	0	1	19
Echinoderm auricularia	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinoidea larvae	0	0	0	0	2	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
Asteroidea brachiolaria	0	0	0	0	3	0	0	0	0	0	1	0	0	0	53	0	0	0	0	0	0
Asteroidea	0	0	0	0	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Total	191	3094	147	1654	990	3994	2871	66	120	1072	2383	1074	1135	2561	1303	32	23	164	656	120	1636

2008-2010 raw data