

## Pendrell Sound Monitoring Project – data for 28<sup>th</sup> July 2010

### (A) Qualitative bivalve larval summary

One 5-minute plankton tow at a depth of 1-2 m at each station was collected by pulling a plankton net slowly beside a boat at a rate of 0.5 m/s.

Biomass (low, medium, high)						
Station	2		4		6	
D hinge	low		low		low	
Umbone	low		low		low	
Eyed	low		low		low	

### (B) Settlement plates

Settlement plate collectors are located at Site 2 and 4. Each week one plate from each site will be removed and the number of spat on the upper and lower surface of the plate will be counted.

**Note:** No settlement plates were received for July 28, 2010

### (C) Phytoplankton report

Phytoplankton data for this week will be available at a later date. You will be notified with another report.



(E) Quantitative plankton results (numbers of individuals per 5 minute tow at rate of 0.5m/s)

Sample Date: 28-Jul-10 Analysis Date: 3-Aug-10

Time:	Station 2		Station 4		Station 6	
	Tow A: 10:25 PM	Tow B:	Tow A: 10:00 PM	Tow B:	Tow A: 11:30 PM	Tow B:
<b>Zooplankton</b>						
Cladocerans	280	0	200	0	360	0
Copepods	440	0	1640	0	3000	0
Crab Larvae	0	0	40	0	80	0
Ctenophores	0	0	0	0	0	0
Eggs	4800	0	5320	0	400	0
Fish	0	0	0	0	0	0
Foraminifera	0	0	0	0	0	0
Gastropods	0	0	0	0	0	0
Jellyfish	0	0	0	0	0	0
Polychaetes	0	0	40	0	0	0
Rotifers	0	0	0	0	0	0
Spirorbis	0	0	0	0	0	0
Larvaceans	80	0	40	0	120	0
<b><i>Bankia setacea</i> (shipworms)</b>						
Early	0	0	0	0	0	0
Mid	0	0	0	0	0	0
Late	0	0	0	0	0	0
<b><i>Mytilus edulis</i> (mussel)</b>						
Early	0	0	0	0	0	0
Mid	0	0	0	0	0	0
Late	0	0	0	0	0	0
<b><i>Ostrea lurida</i> (native oyster)</b>						
Early	0	0	0	0	0	0
Mid	0	0	0	0	0	0
Late	0	0	0	0	0	0
<b>Clams</b>						
Early	0	0	0	0	0	0
Mid	0	0	0	0	0	0
Late	0	0	0	0	0	0
<b><i>Crassostrea gigas</i> (Pacific oyster)</b>						
SH	0	0	0	0	0	0
EU	0	0	0	0	0	0
MU	0	0	0	0	0	0
LU	0	0	0	0	0	0
Eyed	0	0	0	0	0	0

\*\*\*Please note that only one plankton tow for each site was done this week.