

										Ind/m3			Ind/m2						
Haul Number	Date	Time	DOY	Upper Depth (m)	Lower Depth (m)	Diameter (cm)	Mesh (um)	Volume Filtered (m3)	Aliquot	Calaus pacificus Females	Calaus pacificu s Males	Metridia pacifica Females	Calaus pacificus Females	Calaus pacificus Males	Metridia pacifica Females	Calaus pacificus Females	Calaus pacificus Males	Metridia pacifica Females	
VH1	24-Oct-06	17:39	297.7354	0	10	75	571	4.42	1	3	6	0	0.679061091	1.358122	0	6.790611	13.58122	0	
VH2	24-Oct-06	18:39	297.7771	0	10	75	571	4.42	1	19	11	0	4.30072024	2.489891	0	43.0072	24.89891	0	
VH3	24-Oct-06	19:53	297.8285	0	10	75	571	4.42	0.375	261	30	247	157.542173	18.1083	149.09163	1575.422	181.083	1490.916	
VH4	24-Oct-06	20:39	297.8604	0	10	75	571	4.42	0.405	419	44	299	234.1782691	24.59151	167.11051	2341.783	245.9151	1671.105	
VH5	24-Oct-06	21:39	297.9021	0	10	75	571	4.42	1	65	13	203	14.71299029	2.942598	45.9498	147.1299	29.42598	459.498	
VH6	24-Oct-06	22:36	297.9417	0	10	75	571	4.42	1	114	16	166	25.80432144	3.621659	37.574714	258.0432	36.21659	375.7471	
	1 24-Oct-06	23:41	297.9868	80	160	60	211	22.62	1	214		735	9.460877173		32.494134	756.8702		2599.531	
	1 24-Oct-06	23:53	297.9951	40	80	60	211	11.31	1	116		258	10.25665189		22.812209	410.2661		912.4883	
	1 24-Oct-06	23:59	297.9993	10	40	60	211	8.48	0.42	383	25	354	107.5067781	7.017414	99.366578	3225.203	210.5224	2980.997	
	1 25-Oct-06	0:03	298.0021	0	10	60	211	2.83	0.353333333	25	3	5	25.02436212	3.002923	5.0048724	250.2436	30.02923	50.04872	
	2 25-Oct-06	0:14	298.0097	80	160	60	211	22.62	1	235		998	10.38928101		44.121287	831.1425		3529.703	
	2 25-Oct-06	0:23	298.0160	40	80	60	211	11.31	1	202		438	17.86072139		38.727703	714.4289		1549.108	
	2 25-Oct-06	0:30	298.0208	10	40	60	211	8.48	0.4025	391	61	357	114.5241919	17.86695	104.56557	3435.726	536.0084	3136.967	
	2 25-Oct-06	0:36	298.0250	0	10	60	211	2.83	0.353333333	32	8	20	32.03118352	8.007796	20.01949	320.3118	80.07796	200.1949	
VH7	25-Oct-06	4:55	298.2049	0	10	75	571	4.42	0.395	303	50	27	173.6333421	28.65237	15.472278	1736.333	286.5237	154.7228	
VH8	25-Oct-06	5:45	298.2396	0	10	75	571	4.42	1	246	4	9	55.68300942	0.905415	2.0371833	556.8301	9.054148	20.37183	
VH9	25-Oct-06	6:44	298.2806	0	10	75	571	4.42	1	33	8	3	7.469671996	1.81083	0.6790611	74.69672	18.1083	6.790611	
VH10	25-Oct-06	8:44	298.3639	0	10	75	571	4.42	1	2	0	1	0.452707394	0	0.2263537	4.527074	0	2.263537	
	3 25-Oct-06	14:08	298.5889	80	160	60	211	22.62	1	1004		1979	44.38654524		87.491009	3550.924		6999.281	
	3 25-Oct-06	14:18	298.5958	40	80	60	211	11.31	1	87		7	7.692488916		0.6189359	307.6996		24.75744	
	3 25-Oct-06	14:24	298.6000	10	40	60	211	8.48	1	1		0	0.11789255		0	3.536777		0	
	3 25-Oct-06	14:27	298.6021	0	10	60	211	2.83	1	0		0	0		0	0		0	
	4 25-Oct-06	14:37	298.6090	80	160	60	211	22.62	1	931		2049	41.15923667		90.585688	3292.739		7246.855	
	4 25-Oct-06	14:45	298.6146	40	80	60	211	11.31	1	190		11	16.79968844		0.9726135	671.9875		38.90454	
	4 25-Oct-06	14:50	298.6181	10	40	60	211	8.48	1	0		0	0		0	0		0	
	4 25-Oct-06	14:55	298.6215	0	10	60	211	2.83	1	0		0	0		0	0		0	
VH10	25-Oct-06	17:52	298.7444	0	10	75	571	4.42	1	0	0	0	0	0	0	0	0	0	
VH11	25-Oct-06	18:38	298.7764	0	10	75	571	4.42	1	34	3	0	7.696025693	0.679061	0	76.96026	6.790611	0	
VH12	25-Oct-06	19:38	298.8181	0	10	75	571	4.42	0.3925	107	6	113	61.7066129	3.460184	65.166797	617.0661	34.60184	651.668	
VH13	25-Oct-06	20:36	298.8583	0	10	75	571	4.42	0.83	176	8	188	47.99789234	2.181722	51.270476	479.9789	21.81722	512.7048	
VH14	25-Oct-06	21:32	298.8972	0	10	75	571	4.42	0.78	172	28	113	49.91389212	8.125517	32.792266	499.1389	81.25517	327.9227	
	5 25-Oct-06	22:57	298.9563	80	160	60	211	22.62	1	65		410	2.873630917		18.12598	229.8905		1450.078	
	5 25-Oct-06	23:07	298.9632	40	80	60	211	11.31	1	152		272	13.43975075		24.05008	537.59		962.0032	
	5 25-Oct-06	23:13	298.9674	10	40	60	211	8.48	0.3075	316	57	151	121.1513689	21.85325	57.891952	3634.541	655.5976	1736.759	
	5 25-Oct-06	23:18	298.9708	0	10	60	211	2.83	0.36	21	4	11	20.63119633	3.929752	10.806817	206.312	39.29752	108.0682	
	6 25-Oct-06	23:27	298.9771	80	160	60	211	22.62	1	68		614	3.006260036		27.14476	240.5008		2171.581	
	6 25-Oct-06	23:36	298.9833	40	80	60	211	11.31	1	874		423	77.27856681		37.401412	3091.143		1496.056	
	6 25-Oct-06	23:41	298.9868	10	40	60	211	8.48	0.268888889	435	64	99	190.7228657	28.06038	43.405894	5721.686	841.8113	1302.177	
	6 25-Oct-06	23:44	298.9889	0	10	60	211	2.83	0.362222222	17	2	11	16.59898179	1.952821	10.740518	165.9898	19.52821	107.4052	
	7 26-Oct-06	14:13	299.5924	80	160	60	211	22.62	1	309		1481	13.66079928		65.474575	1092.864		5237.966	
	7 26-Oct-06	14:21	299.5979	40	80	60	211	11.31	1	61		3	5.393584183		0.2652582	215.7434		10.61033	
	7 26-Oct-06	14:27	299.6021	10	40	60	211	8.48	1	6		2	0.707355303		0.2357851	21.22066		7.073553	
	7 26-Oct-06	14:30	299.6042	0	10	60	211	2.83	1	0		0	0		0	0		0	
	8 26-Oct-06	14:41	299.6118	80	160	60	211	22.62	1	284		2045	12.55555662		90.40885	1004.445		7232.708	
	8 26-Oct-06	14:50	299.6181	40	80	60	211	11.31											
	8 26-Oct-06	14:55	299.6215	10	40	60	211	8.48	1	1		346	0.11789255		40.790822	3.536777		1223.725	
	8 26-Oct-06	15:02	299.6264	40	80	60	211	11.31	1	52		423	4.597809467		37.401412	183.9124		1496.056	
	8 26-Oct-06	15:06	299.6292	0	10	60	211	2.83	1	0		30	0		10.61033	0		106.1033	

* Hole in codend mesh

* Retow of above (b/c hole in codend mesh)

* Hole in codend mesh
* Retow of above (b/c hole in codend mesh)

D/N	Vert Series	Cfem	Mfem
N	1	4643	6543
N	2	5302	8416
D	3	3862	7024
D	4	3965	7286
N	5	4608	4257
N	6	9219	5077
D	7	1330	5256
D	8	1192	10059
all	avg	4265	6740
	stdev	2513	1904

D/N	Vert Series	Cfem	Mfem
Night	avg	5943	6073
	stdev	2207	1826
Day	avg	2587	7406
	stdev	1533	1985