

Regional Monitoring Program for Trace Substances in San Francisco Bay
Bivalve Survival, Cruise 15, Dry Season 1997

<u>Site Name</u>	<u>Site Code</u>	<u>Species</u>		<u># ORG</u>	<u># TM</u>	<u># CI</u>	<u>Survival</u>	<u>Comments</u>
Coyote Creek	BA10	CGIG	144	30	30	25	83%	
Dumbarton Bridge	BA30	MCAL	160	40	40	30	97%	
Redwood Creek	BA40	MCAL	160	40	40	30	99%	
Alameda	BB71	MCAL	160	40	40	30	100%	
Horseshoe Bay	BC10	MCAL	160	40	40	34	91%	
Yerba Buena Island	BC10	MCAL	160	40	40	30	98%	
Petaluma River	BD15	CGIG	144	35	33	25	64%	
San Pablo Bay	BD20	CGIG	144	30	30	25	66%	
Pinole Point	BD30	MCAL	160	40	40	30	97%	
Davis Point	BD40	CGIG	144	10	5	0	9%	
Napa River	BD50	CGIG	144	35	35	31	70%	
Grizzly Bay	BF20	CFLU	100	31	25	0	70%	
Sacramento River	BG20	CFLU	100	35	33	17	85%	
San Joaquin River	BG30	CFLU	100	35	35	18	88%	
Bodega Head	T-0	MCAL	NA	35	35	25	100%	
San Joaquin River	T-0	CFLU	NA	35	35	25	100%	
Tomales Bay	T-0	CGIG	NA	35	35	25	100%	

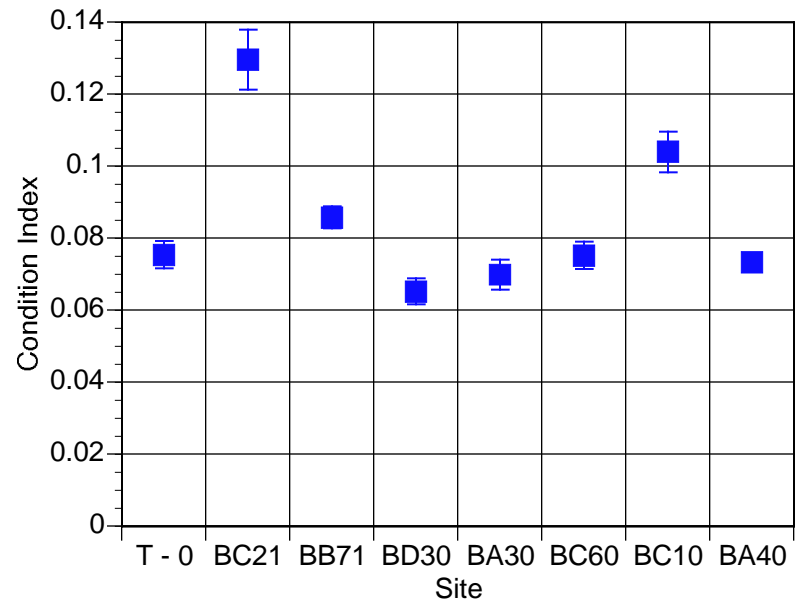
Regional Monitoring Program for Trace Substances in the San Francisco Estuary

Bivalve Precision Analysis, Cruise 15, Dry Season 1997

	<i>C. gigas</i>	<i>M. californianus</i>	<i>C. fluminea</i>
#	volume (ml)	volume (ml)	volume (ml)
1	26.75	16.96	5.34
2	26.75	16.97	5.42
3	26.84	17.19	5.47
4	26.83	17.00	5.44
5	26.81	16.98	5.44
6	26.86	17.06	5.39
7	26.95	17.01	5.49
8	26.82	17.09	5.46
9	26.75	17.06	5.52
10	26.82	17.06	5.41
Mean	26.818	17.038	5.438
Std. Dev.	0.0612	0.0696	0.0516

Condition Index Statistics for *Mytilus californianus* Cruise #15, September, 1997

Condition Index = Dry Flesh Weight / Cavity Volume



Error bars equal +/- 2 standard error

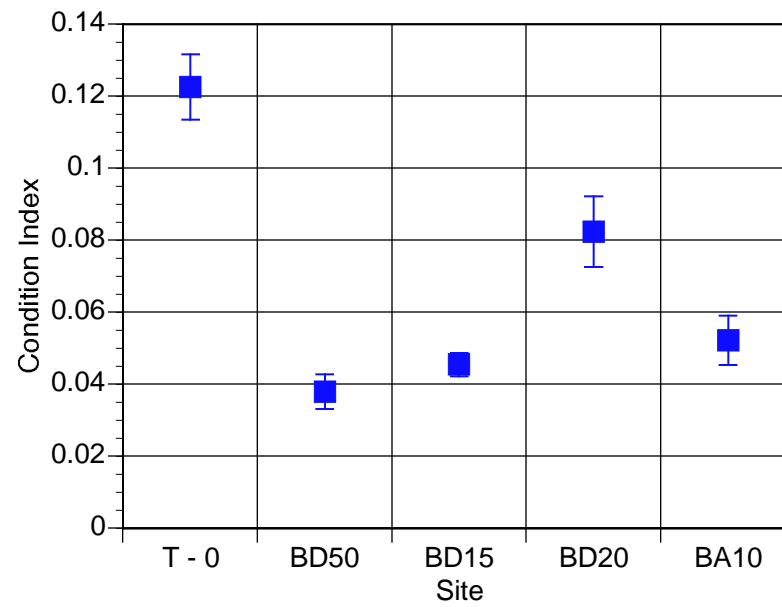
Regional Monitoring Program for Trace Substances in the San Francisco Estuary

Summary Statistics for *Mytilus californianus* Cruise 15, Dry Season 1997

	T - 0	BC21	BB71	BD30	BA30	BC60	BC10	BA40
Mean	0.0754	0.1296	0.0858	0.0652	0.0699	0.0752	0.1040	0.0733
Standard Error	0.0019	0.0042	0.0015	0.0018	0.0021	0.0019	0.0028	0.0013
Median	0.0760	0.1306	0.0859	0.0665	0.0677	0.0740	0.1023	0.0735
Std. Dev.	0.0090	0.0208	0.0073	0.0086	0.0104	0.0097	0.0140	0.0064
Minimum	0.0593	0.0845	0.0676	0.0484	0.0506	0.0582	0.0725	0.0620
Maximum	0.0974	0.1717	0.0983	0.0772	0.0914	0.0997	0.1383	0.0861
Count	22	25	25	24	25	25	25	25

Condition Index Statistics for *Crassostrea gigas* Cruise #15, September, 1997

Condition Index = Dry Flesh Weight / Cavity Volume



Error bars equal +/- 2 standard error

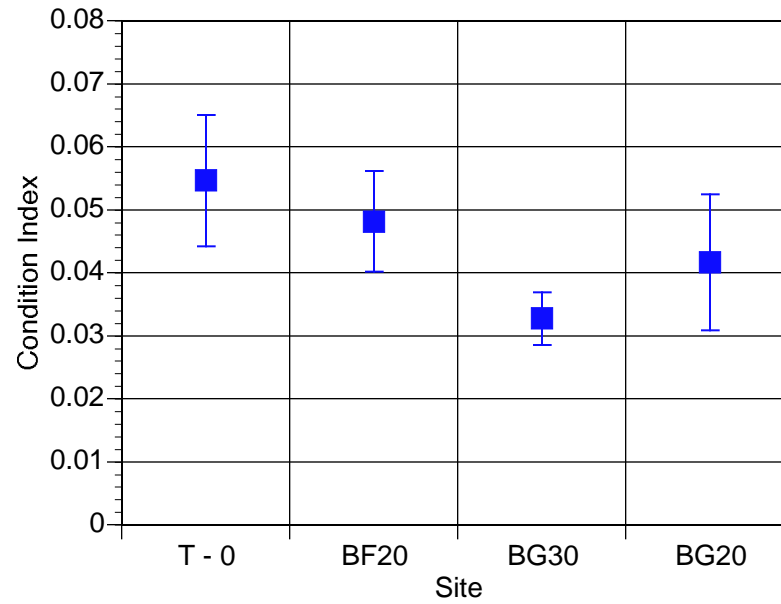
Regional Monitoring Program for Trace Substances in the San Francisco Estuary

Summary Statistics for *Crassostrea gigas* Cruise 15, Dry Season 1997

	T - 0	BD50	BD15	BD20	BA10
Mean	0.1226	0.0380	0.0455	0.0824	0.0522
Standard Error	0.0045	0.0024	0.0016	0.0049	0.0034
Median	0.1221	0.0392	0.0452	0.0780	0.0454
Std. Dev.	0.0225	0.0118	0.0080	0.0245	0.0171
Minimum	0.0717	0.0189	0.0248	0.0477	0.0348
Maximum	0.1655	0.0741	0.0620	0.1288	0.1100
Count	25	25	24	25	25

Condition Index Statistics for *Corbicula fluminea* Cruise #15, September, 1997

Condition Index = Dry Flesh Weight / Cavity Volume



Error bars equal +/- 2 standard error

Regional Monitoring Program for Trace Substances in the San Francisco Estuary

Summary Statistics for *Corbicula fluminea* Cruise 15, Dry Season 1997

	T - 0	BF20	BG30	BG20
Mean	0.0547	0.0482	0.0328	0.0417
Standard Error	0.0052	0.0040	0.0021	0.0054
Median	0.0530	0.0490	0.0329	0.0347
Std. Dev.	0.0157	0.0155	0.0088	0.0224
Minimum	0.0350	0.0180	0.0171	0.0194
Maximum	0.0803	0.0765	0.0505	0.1111
Count	9	15	18	17