

Regional Monitoring Program for Trace Substances in the San Francisco Estuary

Bivalve Survival, Cruise 18, Dry Season 1998

Retrieval Information:

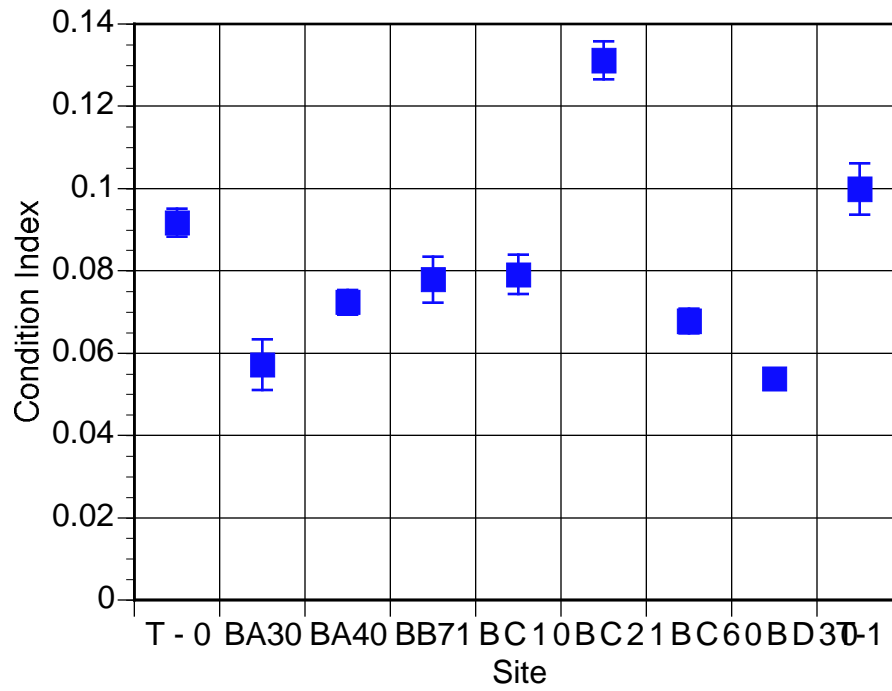
Site Name	Site Code	Species	# Deployed	# ORG	# TM	# CI	# Dead	# Discard	Survival	Comments
Coyote Creek	BA10	CGIG	144	25	25	30	21	43	85%	
Dumbarton Bridge	BA30	MCAL	160	35	35	30	3	57	98%	
Dumbarton Bridge	BA30	CGIG	144	25	25	25	9	60	94%	
Redwood Creek	BA40	MCAL	160	35	35	30	6	54	96%	
Alameda	BB71	MCAL	160	35	35	30	2	58	99%	
Yerba Buena Island	BC10	MCAL	160	35	35	30	3	57	98%	
Yerba Buena Island	BC10	MCAL	144	25	25	30	29	35	80%	
Horseshoe Bay	BC21	MCAL	160	35	35	30	1	59	99%	
Red Rock	BC60	MCAL	160	35	35	30	0	60	100%	
Petaluma River	BD15	CGIG	144	0	0	0	143	1	1%	
San Pablo Bay	BD20	CGIG	144	25	25	30	4	60	97%	
Pinole Point	BD30	MCAL	160	35	35	30	5	55	97%	
Pinole Point	BD30	CGIG	144	25	25	30	8	56	94%	
Davis Point	BD40	CGIG	144	9	0	0	135	0	6%	
Napa River	BD50	CGIG	144	25	25	30	48	16	67%	
Grizzly Bay	BF20	CFLU	144	0	0	0	144	0	0%	
Sacramento River	BG20	CFLU	N/A						N/A	Residents
San Joaquin River	BG30	CFLU	N/A						N/A	Residents

San Francisco Estuary Institute, Regional Monitoring Program for Trace Substances in the San Francisco Estuary

Condition Index #18, Dry Season 1998 Bivalve Precision Analysis

	<i>Crassostrea gigas</i>	<i>Mytilus californianus</i>	<i>Corbicula fluminea</i>
#	volume (ml)	volume (ml)	volume (ml)
1	52.41	21.78	7.41
2	52.40	21.87	7.41
3	52.47	21.83	7.33
4	52.43	21.82	7.45
5	52.39	21.77	7.41
6	52.42	21.87	7.46
7	52.47	21.74	7.20
8	52.43	21.75	7.51
9	52.31	21.79	7.48
10	52.42	21.86	7.33
Mean	52.42	21.81	7.40
Std. Dev.	0.05	0.05	0.09

Condition Index Statistics for *Mytilus californianus*
Cruise 18, Dry Season 1998



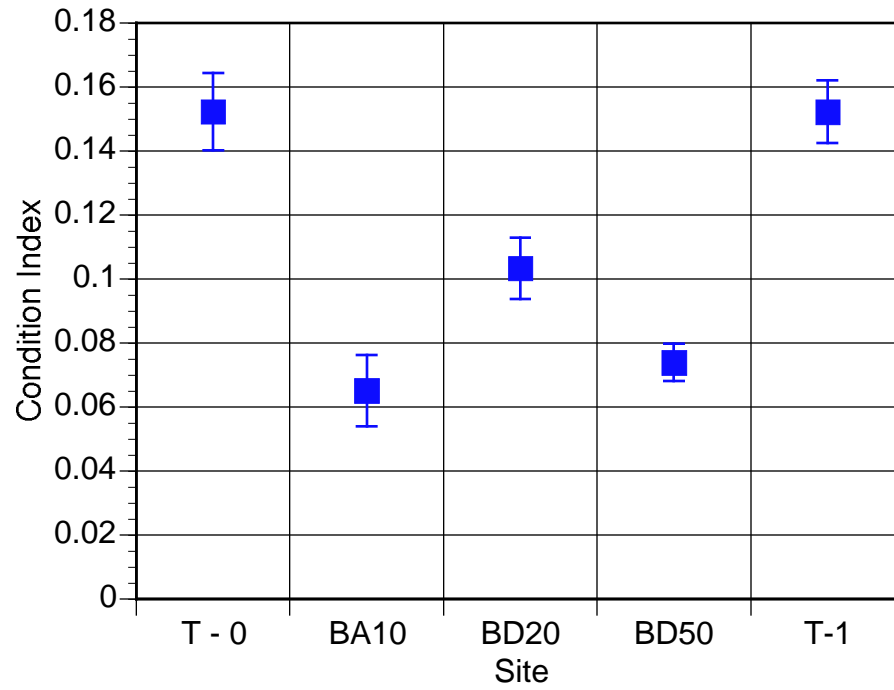
Error bars equal +/- 2 standard error

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**Summary Statistics for *Mytilus californianus*
Cruise 18, Dry Season, 1998**

	T - 0 Tomales Bay	BA30 Dumbarton Br.	BA40 Redwood Cr.	BB71 Alameda	BC10 Y.B.I.	BC21 Horseshoe Bay	BC60 Red Rock	BD30 Pinole Pt.	T-1 Tomales Bay
Mean	0.0917	0.0572	0.0724	0.0779	0.0791	0.1312	0.0678	0.0538	0.0999
Standard Error	0.00173	0.0031	0.0015	0.0028	0.0024	0.0023	0.0015	0.0012	0.0031
Median	0.0928	0.0539	0.0732	0.0750	0.0801	0.1322	0.0679	0.0529	0.0993
Std. Dev.	0.0086	0.0153	0.0073	0.0141	0.0116	0.0116	0.0076	0.0059	0.0153
Minimum	0.0744	0.0411	0.0539	0.0513	0.0486	0.0974	0.0548	0.0431	0.0459
Maximum	0.108	0.1215	0.0829	0.1268	0.1014	0.1579	0.0859	0.0654	0.1214
Count	25	25	25	25	23	25	25	25	25

**Condition Index Statistics for *Crassostrea gigas*
Cruise 18, Dry Season 1998**



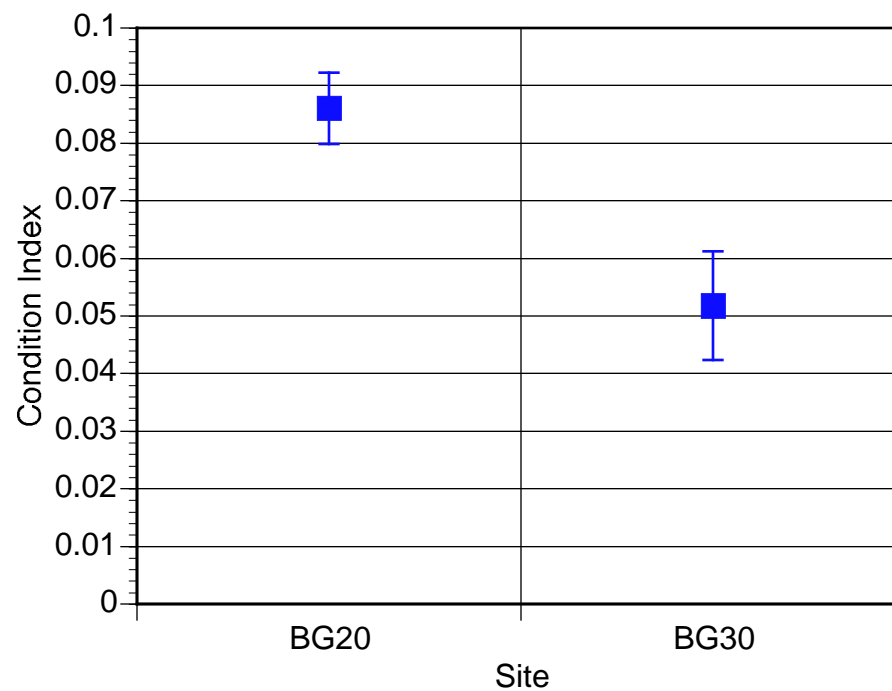
Error bars equal +/- 2 standard error

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Summary Statistics for *Crassostrea gigas* Cruise 18, Dry Season, 1998

	T - 0 Tomales Bay	BA10 Coyote Creek	BD20 San Pablo Bay	BD50 Napa River	T-1 Tomales Bay
Mean	0.1524	0.0651	0.1033	0.0739	0.1522
Standard Error	0.006	0.0056	0.0048	0.0029	0.0049
Median	0.1489	0.0619	0.1009	0.0776	0.1549
Std. Dev.	0.0302	0.0279	0.0242	0.0147	0.0249
Minimum	0.1059	0.0226	0.052	0.0459	0.1041
Maximum	0.2276	0.1312	0.1479	0.0992	0.1988
Count	25	25	25	25	25

**Condition Index Statistics for *Corbicula Fluminea*
Cruise 18, Dry Season 1998**



Error bars equal +/- 2 standard error

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Summary Statistics for *Corbicula fluminea* Cruise 18, Dry Season, 1998

	BG20 Sacramento River	BG30 San Joaquin River
Mean	0.0861	0.0518
Standard Error	0.0031	0.0047
Median	0.0873	0.0475
Std. Dev.	0.0153	0.0229
Minimum	0.053	0.0219
Maximum	0.1184	0.1269
Count	25	24