

Bivalve Condition Index Statistics

2001 RMP Cruise

Regional Monitoring Program for Trace Substances in the San Francisco Estuary 2001 Bivalve Cruise Survival

Site Name	Code	Species	# Depl.	#ORG	#TM	#CI	Dead	Discard	Surv %	Comments
Coyote Creek	BA10	CGIG	108	25	25	29	5	24	95	
Coyote Creek	BA10	MCAL Bagged	80	24	24	29	3	0	96	
Coyote Creek	BA10	MCAL Caged	80	21	21	30	8	0	90	
Coyote Creek	BA10	MEDU Caged	80	25	25	27	3	0	96	
Dumbarton Bridge	BA30	MCAL Bagged	160	30	30	30	2	68	99	
Dumbarton Bridge	BA30	MEDU Bagged	160	30	30	29	8	63	95	
Redwood Creek	BA40	MCAL Bagged	80	25	25	29	1	0	99	
Redwood Creek	BA40	MEDU Bagged	160	30	30	29	8	63	95	
Alameda	BB71	MCAL Bagged	152	30	30	30	1	61	99	
Alameda	BB71	MEDU Bagged	160	30	30	30	10	60	94	
Yerba Buena Island	BC11	MCAL Bagged	80				73	7	9	Mortality due to predation
Yerba Buena Island	BC11	MCAL Caged	80	20	20	20	20	0	75	
Yerba Buena Island	BC11	MEDU Bagged	80				77	3	4	Mortality due to predation
Yerba Buena Island	BC11	MEDU Caged	80	20	20	29	11	0	86	
Horseshoe Bay	BC21	MCAL Bagged	80	22	22	28	2	6	98	
Horseshoe Bay	BC21	MCAL Caged	82	25	2	30	2	0	98	
Horseshoe Bay	BC21	MEDU Bagged	80	14	14	28	22	2	73	Mortality due to predation
Horseshoe Bay	BC21	MEDU Caged	80	23	23	30	4	0	95	
Red Rock	BC60	MCAL Bagged	80	25	25	24	6	0	93	
Red Rock	BC60	MCAL Caged	80	25	24	31	0	0	100	
Red Rock	BC60	MEDU Bagged	80	25	27	27	1	0	99	
Red Rock	BC60	MEDU Caged	80	21	19	31	9	0	89	
Petaluma River	BD15	MCAL Bagged	160	30	30	29	6	65	96	
Petaluma River	BD15	MEDU Bagged	160	30	30	30	8	62	95	
Petaluma River	BD15	CGIG	144	30	30	30	49	5	66	
San Pablo Bay	BD20	MCAL Bagged	160	30	30	30	6	64	96	
San Pablo Bay	BD20	MEDU Bagged	160	30	30	30	19	51	88	
San Pablo Bay	BD20	CGIG	144	30	30	30	20	34	86	
Pinole Point	BD30	MCAL Bagged	160	30	30	30	3	67	98	
Pinole Point	BD30	MEDU Bagged	160	30	30	30	2	68	99	
Davis Point	BD40	CGIG	144	30	30	28	30	26	79	
Davis Point	BD40	MCAL Bagged	80	22	24	30	4	0	95	
Davis Point	BD40	MCAL Caged	80	25	25	29	1	0	99	
Davis Point	BD40	MEDU Bagged	80	22	22	30	6	0	93	
Davis Point	BD40	MEDU Caged	80	24	24	30	2	0	98	
Napa River	BD50	CGIG	144	30	30	29	8	47	94	
Napa River	BD50	MCAL Bagged	80	23	23	30	4	0	95	
Napa River	BD50	MCAL Caged	80	22	24	29	5	0	94	
Napa River	BD50	MEDU Bagged	81	25	25	30	1	0	99	
Napa River	BD50	MEDU Caged	80	23	23	30	4	0	95	

Regional Monitoring Program for Trace Substances in San Francisco Bay

2001 Bivalve Precision Analysis

#	<i>M. californianus</i> Volume (ml)	<i>C. gigas</i> Volume (ml)
1	19.07	7.37
2	19.12	7.44
3	19.12	7.35
4	19.13	7.31
5	19.11	7.30
6	19.13	7.25
7	19.29	7.27
8	19.20	7.25
9	19.25	7.29
10	19.23	7.27
Mean	19.17	7.31
Standard Error	0.02	0.02
Standard Deviation	0.07	0.06

Note: Precision analysis performed by taking ten volumetric measurements on the same sealed bivalve

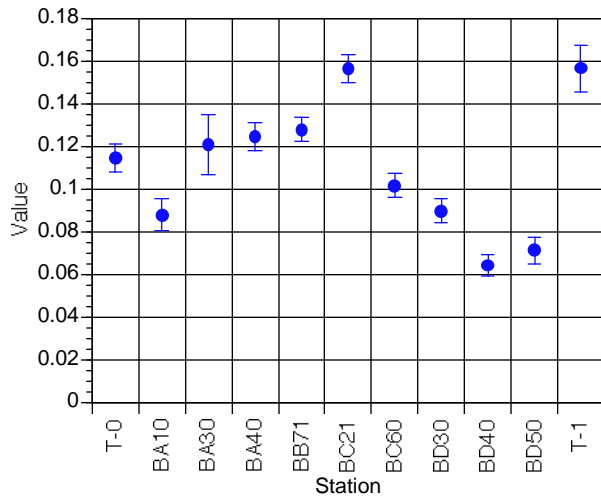
Regional Monitoring Program for Trace Substances in San Francisco Bay, 2001

Summary Statistics for Bagged *Mytilus californianus*, Condition Index

	T-0	BA10	BA30	BA40	BB71	BC21	BC60	BD30	BD40	BD50	T-1
Mean	0.1145	0.0878	0.1208	0.1244	0.1278	0.1564	0.1015	0.0896	0.0642	0.0712	0.1567
Standard Error	0.0032	0.0037	0.0070	0.0033	0.0028	0.0034	0.0029	0.0028	0.0026	0.0030	0.0055
Median	0.1142	0.0856	0.1149	0.1260	0.1281	0.1589	0.1031	0.0903	0.0645	0.0736	0.1473
Standard Deviation	0.0162	0.0187	0.0351	0.0163	0.0142	0.0170	0.0144	0.0141	0.0129	0.0152	0.0268
Minimum	0.0890	0.0582	0.0711	0.0845	0.0999	0.1089	0.0759	0.0646	0.0326	0.0456	0.1172
Maximum	0.1493	0.1609	0.2683	0.1525	0.1550	0.1917	0.1317	0.1136	0.1025	0.0936	0.2208
Count	25	25	25	25	25	25	25	25	25	25	24
dry wt.	1.4948	1.3032	1.5576	1.5444	1.5540	2.2124	1.2968	1.2040	0.7524	0.7740	1.9813

**Condition Index Statistics for Bagged *Mytilus californianus*,
2001 RMP Bivalve Cruise**

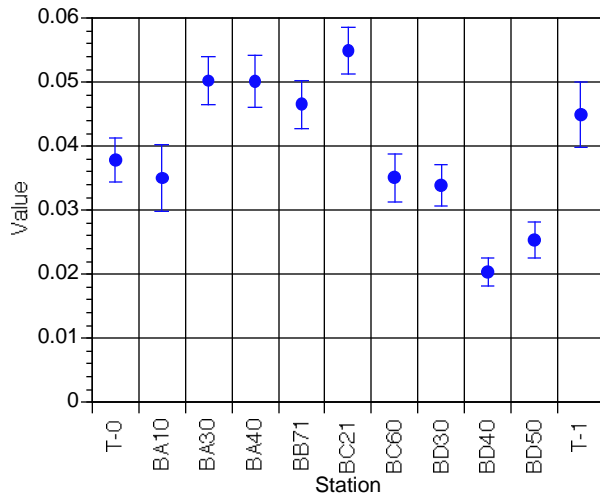
Condition Index = Dry Flesh Weight of All Tissue / Cavity Volume



Error bars equal +/- 2 standard error

**Gonad Index Statistics for Bagged *Mytilus californianus*,
2001 RMP Bivalve Cruise**

Gonad Index = Dry Flesh Weight of Gonad / Cavity Volume



Error bars equal +/- 2 standard error

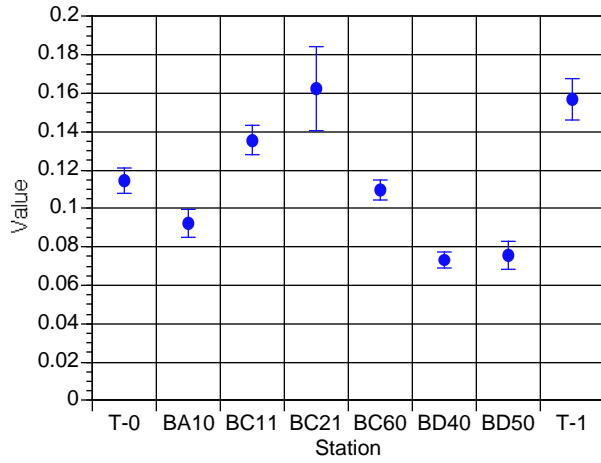
Regional Monitoring Program for Trace Substances in San Francisco Bay, 2001

Summary Statistics for Caged *Mytilus californianus*, Condition Index

	T-0	BA10	BC11	BC21	BC60	BD40	BD50	T-1
Mean	0.1145	0.0924	0.1354	0.1624	0.1095	0.0731	0.0755	0.1567
Standard Error	0.0032	0.0036	0.0038	0.0109	0.0026	0.0022	0.0036	0.0055
Median	0.1142	0.0936	0.1373	0.1525	0.1081	0.0742	0.0719	0.1473
Standard Deviation	0.0162	0.0181	0.0169	0.0544	0.0129	0.0112	0.0181	0.0268
Minimum	0.0890	0.0391	0.0983	0.0797	0.0873	0.0566	0.0468	0.1172
Maximum	0.1493	0.1300	0.1605	0.3850	0.1362	0.1004	0.1221	0.2208
Count	25	25	20	25	25	25	25	24
dry wt.	1.4948	1.1364	1.8325	1.7764	1.2968	0.9184	1.0240	1.9813

**Condition Index Statistics for Caged *Mytilus californianus*,
2001 RMP Bivalve Cruise**

Condition Index = Dry Flesh Weight of All Tissue / Cavity Volume



Error bars equal +/- 2 standard error

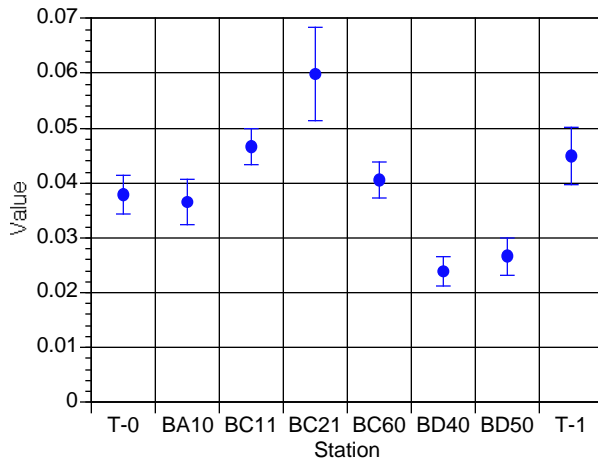
Regional Monitoring Program for Trace Substances in San Francisco Bay, 2001

Summary Statistics for Caged *Mytilus californianus*, Gonad Index

	T-0	BA10	BC11	BC21	BC60	BD40	BD50	T-1
Mean	0.0379	0.0365	0.0466	0.0598	0.0405	0.0239	0.0266	0.0449
Standard Error	0.0017	0.0021	0.0016	0.0042	0.0017	0.0013	0.0017	0.0026
Median	0.0394	0.0348	0.0475	0.0588	0.0412	0.0236	0.0237	0.0458
Standard Deviation	0.0087	0.0105	0.0072	0.0211	0.0083	0.0064	0.0087	0.0126
Minimum	0.0192	0.0133	0.0304	0.0292	0.0207	0.0127	0.0119	0.0279
Maximum	0.0498	0.0650	0.0601	0.1380	0.0568	0.0385	0.0426	0.0676
Count	25	25	20	25	25	25	25	24

**Gonad Index Statistics for Caged *Mytilus californianus*,
2001 RMP Bivalve Cruise**

Gonad Index = Dry Flesh Weight of Gonad / Cavity Volume



Error bars equal +/- 2 standard error

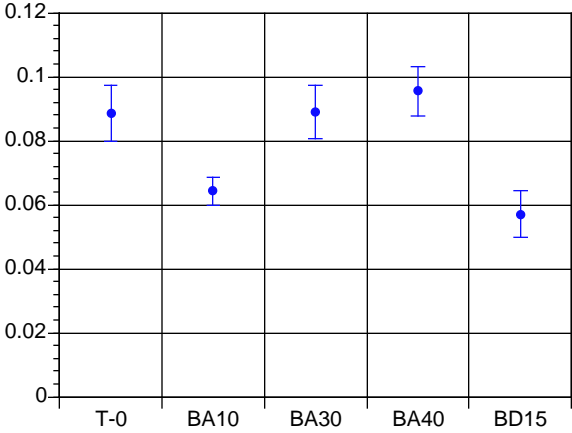
Regional Monitoring Program for Trace Substances in San Francisco Bay, 2001

Summary Statistics for Bagged *Mytilus edulis*, Condition Index

	T-0	BA10	BA30	BA40	BD15
Mean	0.0886	0.0643	0.0891	0.0955	0.0570
Standard Error	0.0043	0.0022	0.0041	0.0039	0.0036
Median	0.0907	0.0646	0.0901	0.0972	0.0528
Standard Deviation	0.0215	0.0109	0.0207	0.0193	0.0181
Minimum	0.0347	0.0453	0.0548	0.0437	0.0366
Maximum	0.1269	0.0855	0.1295	0.1311	0.1137
Count	25	25	25	25	25
dry wt.	1.5780	1.2228	1.9300	1.9720	1.0028

**Condition Index Statistics for Bagged *Mytilus edulis*,
2001 RMP Bivalve Cruise**

Condition Index = Dry Flesh Weight of All Tissue / Cavity Volume



Error bars equal +/- 2 standard error

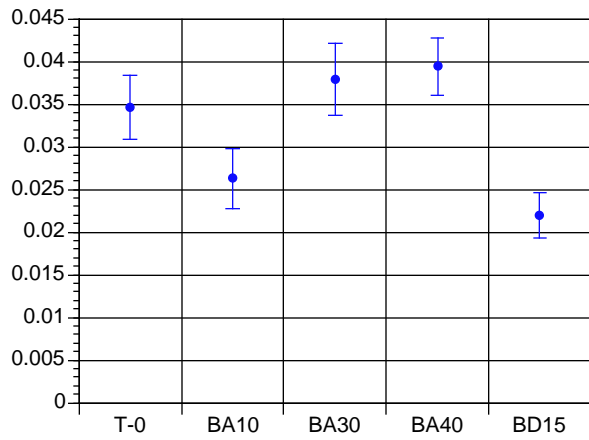
Regional Monitoring Program for Trace Substances in San Francisco Bay, 2001

Summary Statistics for Bagged *Mytilus edulis*, Gonad Index

	T-0	BA10	BA30	BA40	BD15
Mean	0.0347	0.0263	0.0379	0.0379	0.0219
Standard Error	0.0019	0.0017	0.0021	0.0021	0.0013
Median	0.0362	0.0270	0.0349	0.0349	0.0214
Standard Deviation	0.0094	0.0087	0.0107	0.0107	0.0066
Minimum	0.0116	0.0106	0.0249	0.0249	0.0139
Maximum	0.0559	0.0507	0.0658	0.0658	0.0419
Count	25	25	25	25	25

**Gonad Index Statistics for Bagged *Mytilus edulis*,
2001 RMP Bivalve Cruise**

Gonad Index = Dry Flesh Weight of Gonad / Cavity Volume



Error bars equal +/- 2 standard error

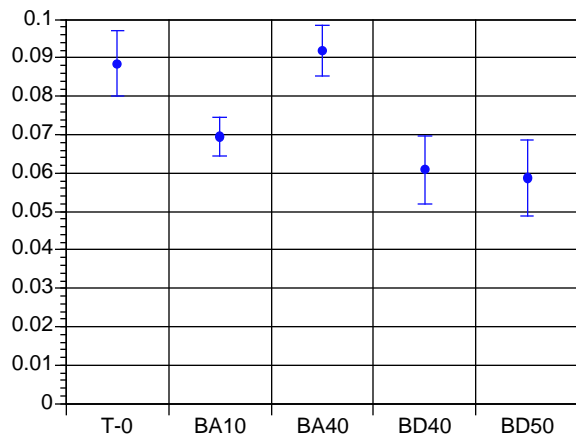
Regional Monitoring Program for Trace Substances in San Francisco Bay, 2001

Summary Statistics for Caged *Mytilus edulis*, Condition Index

	T-0	BA10	BA40	BD40	BD50
Mean	0.0886	0.0695	0.0920	0.0609	0.0587
Standard Error	0.0043	0.0025	0.0033	0.0044	0.0049
Median	0.0907	0.0674	0.0899	0.0596	0.0503
Standard Deviation	0.0215	0.0122	0.0166	0.0220	0.0244
Minimum	0.03472	0.05109	0.06033	0.02915	0.03531
Maximum	0.12693	0.0969	0.13872	0.14768	0.1408
Count	25	24	25	25	25
dry wt.	1.578	1.476	1.9696	0.9212	0.9296

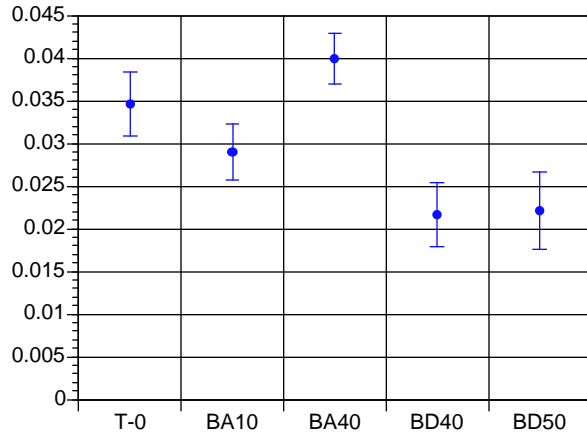
**Condition Index Statistics for Caged *Mytilus edulis*,
2001 RMP Bivalve Cruise**

Condition Index = Dry Flesh Weight of All Tissue / Cavity Volume



Error bars equal +/- 2 standard error

**Gonad Index Statistics for Caged *Mytilus edulis*,
2001 RMP Bivalve Cruise**



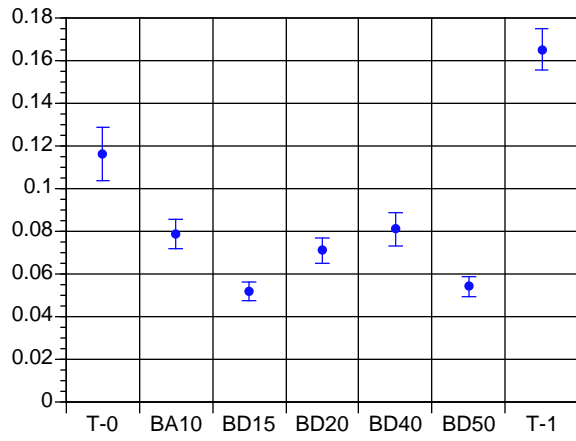
Error bars equal +/- 2 standard error

Regional Monitoring Program for Trace Substances in San Francisco Bay, 2001

Summary Statistics for *Crassostrea gigas*, Condition Index

	T-0	BA10	BD15	BD20	BD40	BD50	T-1
Mean	0.1161	0.0784	0.0517	0.0708	0.0808	0.0540	0.1650
Standard Error	0.0062	0.0034	0.0022	0.0029	0.0040	0.0024	0.0049
Median	0.1183	0.0778	0.0518	0.0729	0.0774	0.0501	0.1657
Standard Deviation	0.0310	0.0169	0.0110	0.0147	0.0200	0.0119	0.0246
Minimum	0.0739	0.0441	0.0301	0.0292	0.0522	0.0376	0.1287
Maximum	0.1789	0.1132	0.0847	0.1065	0.1386	0.0851	0.2432
Count	25	25	25	25	25	25	25
dry wt.	2.1900	2.3484	1.0520	1.9248	2.1072	1.1448	2.4920

**Condition Index Statistics for *Crassostrea gigas*,
2001 RMP Bivalve Cruise**



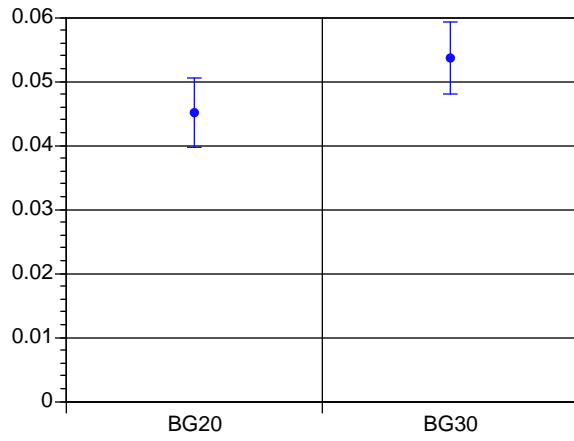
Error bars equal +/- 2 standard error

Regional Monitoring Program for Trace Substances in San Francisco Bay, 2001

Summary Statistics for *Corbicula fluminea*, Condition Index

	BG20	BG30
Mean	0.0451	0.0537
Standard Error	0.0027	0.0028
Median	0.0451	0.0506
Standard Deviation	0.0134	0.0141
Minimum	0.02412869	0.0202952
Maximum	0.07755102	0.09278351
Count	25	25
dry wt.	0.1076	0.138

**Condition Index Statistics for *Corbicula fluminea*,
2001 RMP Bivalve Cruise**



Error bars equal +/- 2 standard error

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
1	29.22	9.78	4.09	2.50	3.93	2.54	0.15	0.07	73.58
2	15.13	5.69	3.60	2.50	3.25	2.54	0.19	0.08	57.20
3	19.21	6.36	3.40	2.50	3.04	2.54	0.11	0.04	63.88
4	19.11	7.26	3.76	2.50	3.23	2.49	0.17	0.06	60.34
5	20.17	7.37	3.77	2.50	3.27	2.49	0.16	0.06	62.16
6	24.27	8.59	3.94	2.50	3.35	2.49	0.15	0.05	68.41
7	13.20	5.41	3.24	2.50	2.94	2.49	0.15	0.06	55.99
8	18.74	6.51	3.82	2.50	3.34	2.49	0.18	0.07	61.28
9	20.08	7.47	4.10	2.50	3.14	2.49	0.18	0.05	62.96
10	21.10	7.11	4.07	2.51	3.17	2.49	0.16	0.05	61.65
11	17.84	6.23	3.55	2.51	3.09	2.49	0.14	0.05	62.76
12	22.61	9.01	3.93	2.51	3.26	2.49	0.16	0.06	62.55
13	31.03	9.54	4.79	2.51	3.76	2.49	0.17	0.06	72.02
14	27.36	10.11	4.39	2.51	3.42	2.49	0.16	0.05	69.43
15	24.53	8.97	4.05	2.51	3.19	2.49	0.14	0.04	65.81
16	25.59	9.34	4.17	2.51	3.30	2.49	0.15	0.05	69.24
17	15.39	6.59	3.31	2.51	2.85	2.49	0.13	0.04	55.66
18	35.93	11.29	5.16	2.51	3.90	2.49	0.16	0.06	71.39
19	23.25	8.66	3.95	2.51	3.20	2.48	0.15	0.05	67.65
20	24.02	9.42	3.98	2.51	3.32	2.47	0.16	0.06	67.03
21	15.12	5.59	3.69	2.51	2.98	2.47	0.18	0.05	55.19
22	19.00	6.66	3.67	2.51	3.03	2.46	0.14	0.05	64.18
23	27.74	10.09	4.42	2.54	3.30	2.46	0.15	0.05	73.20
24	23.68	8.99	3.95	2.54	3.18	2.46	0.14	0.05	68.87
25	19.21	6.87	3.80	2.54	3.24	2.45	0.17	0.06	60.96

Station Location: Horseshoe Bay
Station ID: BC21
Sample Date: 9/25/01
Species: MCAL bagged

Statistics

Mean	0.156438834
Standard Error	0.003403903
Median	0.15890411
Mode	#N/A
Standard Deviation	0.017019515
Sample Variance	0.000289664
Kurtosis	1.591946403
Skewness	-0.527688513
Range	0.082787872
Minimum	0.108949416
Maximum	0.191737288
Sum	3.910970849
Count	25

dry wt. 2.21

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
26	24.58	6.92	3.40	2.56	3.33	2.55	0.09	0.04	74.77
27	29.02	7.05	3.47	2.56	3.06	2.55	0.06	0.02	72.06
28	23.22	7.86	3.48	2.56	3.15	2.55	0.10	0.04	64.12
29	16.65	6.07	3.18	2.56	2.94	2.55	0.10	0.04	60.47
30	13.78	4.78	3.07	2.56	2.70	2.55	0.07	0.02	55.70
31	19.52	6.01	3.17	2.56	2.99	2.55	0.08	0.03	61.30
32	24.09	8.13	3.45	2.56	3.07	2.55	0.09	0.03	67.97
33	23.23	8.28	3.19	2.56	2.97	2.55	0.07	0.03	67.83
34	14.81	4.94	3.09	2.56	3.03	2.55	0.10	0.05	55.95
35	20.56	6.52	3.22	2.56	3.09	2.55	0.09	0.04	64.06
36	27.08	8.45	3.44	2.56	3.22	2.55	0.08	0.04	69.87
37	17.40	6.19	3.26	2.57	2.96	2.55	0.10	0.04	62.61
38	19.12	6.29	3.20	2.57	2.96	2.55	0.08	0.03	63.08
39	16.11	5.48	3.18	2.57	2.90	2.55	0.09	0.03	57.37
40	25.20	9.22	3.57	2.57	3.14	2.55	0.10	0.04	65.44
41	27.24	9.60	3.79	2.57	3.28	2.55	0.11	0.04	71.54
42	12.52	5.01	2.99	2.57	2.77	2.55	0.09	0.03	49.45
43	13.16	4.26	3.04	2.57	2.70	2.56	0.07	0.02	54.85
44	11.93	4.22	3.01	2.57	2.84	2.56	0.09	0.04	50.93
45	17.56	5.41	3.08	2.57	2.88	2.56	0.07	0.03	63.66
46	26.09	10.06	3.70	2.57	3.20	2.56	0.11	0.04	68.01
47	13.68	5.02	3.10	2.57	2.78	2.56	0.09	0.03	56.32
48	30.49	11.03	3.89	2.57	3.36	2.56	0.11	0.04	72.68
49	20.43	7.02	3.37	2.57	3.02	2.56	0.09	0.03	63.63
50	17.53	6.44	3.36	2.57	3.03	2.56	0.11	0.04	58.25

Station Location: Pinole Point
Station ID: BD30
Sample Date: 9/26/01
Species: MCAL bagged

Descriptive Statistics

Mean	0.089598345
Standard Error	0.002821786
Median	0.090310442
Mode	#N/A
Standard Deviation	0.014108929
Sample Variance	0.000199062
Kurtosis	-0.804905689
Skewness	-0.076118843
Range	0.048982279
Minimum	0.064633591
Maximum	0.11361587
Sum	2.239958625
Count	25

dry wt. 1.20

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
51	20.49	7.79	3.28	2.52	3.01	2.52	0.10	0.04	59.38
52	28.61	10.18	4.02	2.52	3.28	2.52	0.12	0.04	72.79
53	18.35	6.15	3.17	2.52	2.97	2.52	0.09	0.04	58.03
54	21.50	7.35	3.52	2.52	3.05	2.52	0.11	0.04	65.81
55	19.93	7.93	3.37	2.52	3.02	2.52	0.11	0.04	59.61
56	34.77	12.82	3.85	2.52	3.20	2.52	0.09	0.03	78.01
57	34.65	11.62	4.07	2.52	3.38	2.52	0.10	0.04	73.11
58	16.71	5.58	3.25	2.52	2.86	2.52	0.10	0.03	61.19
59	15.34	6.63	3.12	2.52	2.90	2.52	0.11	0.04	57.02
60	16.98	7.62	3.22	2.52	2.98	2.52	0.12	0.05	55.31
61	17.11	5.90	3.31	2.52	2.90	2.52	0.10	0.03	60.25
62	23.99	10.70	3.73	2.52	3.12	2.52	0.14	0.05	66.35
63	17.81	6.58	3.22	2.52	2.94	2.52	0.10	0.04	56.55
64	19.51	7.09	3.40	2.52	3.08	2.52	0.12	0.05	62.65
65	20.74	7.88	3.58	2.52	3.12	2.52	0.13	0.05	63.70
66	13.03	4.88	3.02	2.52	2.93	2.52	0.11	0.05	55.35
67	9.65	3.77	2.99	2.52	2.77	2.52	0.12	0.04	48.30
68	15.19	6.00	3.17	2.52	2.71	2.52	0.09	0.02	60.15
69	26.64	8.89	3.41	2.52	3.18	2.52	0.09	0.04	69.30
70	29.30	9.95	3.72	2.52	3.62	2.52	0.12	0.06	70.95
71	18.37	6.53	3.28	2.52	2.98	2.52	0.10	0.04	61.55
72	25.58	7.73	3.69	2.52	3.51	2.52	0.12	0.06	66.00
73	21.33	7.21	3.56	2.52	2.91	2.52	0.10	0.03	63.42
74	19.87	7.43	3.34	2.52	3.04	2.52	0.11	0.04	59.50
75	22.90	8.28	3.60	2.52	3.19	2.52	0.12	0.05	66.96

Station Location: Red Rock
Station ID: BC60
Sample Date: 9/25/01
Species: MCAL caged

Condition Index

Mean	0.109530955
Standard Error	0.002580583
Median	0.108127208
Mode	#N/A
Standard Deviation	0.012902914
Sample Variance	0.000166485
Kurtosis	-0.645285857
Skewness	0.064821993
Range	0.048868682
Minimum	0.087323944
Maximum	0.136192626
Sum	2.738273886
Count	25

dry wt. 1.46

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
76	12.48	5.19	3.16	2.52	2.82	2.50	0.13	0.04	54.44
77	25.94	9.22	3.85	2.52	3.12	2.53	0.11	0.04	66.65
78	17.46	7.14	3.30	2.52	3.01	2.53	0.12	0.05	55.75
79	21.90	8.22	3.43	2.52	3.04	2.54	0.10	0.04	67.45
80	21.33	7.83	3.54	2.52	3.10	2.51	0.12	0.04	65.10
81	22.41	6.78	3.40	2.52	2.96	2.51	0.09	0.03	65.47
82	25.33	8.42	3.51	2.52	3.04	2.51	0.09	0.03	70.45
83	20.90	8.87	3.30	2.52	2.98	2.52	0.10	0.04	68.37
84	16.87	5.75	3.27	2.52	2.71	2.52	0.08	0.02	56.70
85	19.24	4.36	3.50	2.52	2.88	2.52	0.09	0.02	57.67
86	29.34	10.95	3.79	2.52	3.19	2.52	0.11	0.04	70.59
87	16.59	5.80	3.23	2.52	2.74	2.52	0.09	0.02	58.32
88	15.33	5.55	3.13	2.52	2.83	2.52	0.09	0.03	56.83
89	12.38	4.64	3.03	2.52	2.72	2.52	0.09	0.03	54.64
90	30.15	10.73	3.96	2.52	3.14	2.52	0.11	0.03	71.98
91	13.49	4.94	2.93	2.52	2.78	2.52	0.08	0.03	52.01
92	18.54	7.04	3.30	2.52	3.09	2.52	0.12	0.05	58.03
93	33.23	11.77	3.90	2.52	3.57	2.52	0.11	0.05	76.81
94	16.01	6.37	3.10	2.52	2.88	2.52	0.10	0.04	59.09
95	19.10	6.86	3.17	2.52	3.14	2.52	0.10	0.05	63.97
96	16.30	5.24	3.15	2.52	2.73	2.52	0.08	0.02	55.89
97	12.42	4.32	3.17	2.52	2.81	2.52	0.12	0.04	53.03
98	13.06	5.35	2.97	2.52	2.82	2.52	0.10	0.04	58.00
99	21.66	8.33	3.45	2.52	2.99	2.52	0.11	0.04	64.06
100	25.62	9.29	3.60	2.52	3.18	2.52	0.11	0.04	70.88

Station Location: Red Rock
Station ID: BC60
Sample Date: 9/25/01
Species: MCAL bagged

Condition Index

Mean	0.101530178
Standard Error	0.002870876
Median	0.103075644
Mode	#N/A
Standard Deviation	0.014354382
Sample Variance	0.000206048
Kurtosis	-0.590097812
Skewness	0.09680309
Range	0.055737876
Minimum	0.075949367
Maximum	0.131687243
Sum	2.538254441
Count	25

dry wt. 1.30

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
101	20.36	7.26	3.59	2.50	3.14	2.53	0.13	0.05	65.15
102	26.84	9.57	4.20	2.50	3.35	2.53	0.15	0.05	69.34
103	21.18	7.92	3.58	2.50	3.12	2.53	0.13	0.04	66.14
104	18.96	6.61	3.56	2.50	3.15	2.53	0.14	0.05	60.39
105	15.04	5.38	3.18	2.50	2.85	2.53	0.10	0.03	55.65
106	12.55	5.37	3.12	2.50	2.87	2.53	0.13	0.05	54.75
107	22.41	8.58	3.89	2.50	3.26	2.53	0.15	0.05	62.13
108	34.08	13.21	4.76	2.50	3.48	2.53	0.15	0.05	68.87
109	17.53	7.63	3.49	2.50	3.00	2.53	0.15	0.05	55.97
110	19.91	7.86	3.59	2.50	3.11	2.53	0.14	0.05	64.06
111	21.13	7.81	3.73	2.50	3.33	2.53	0.15	0.06	64.28
112	26.82	9.43	4.33	2.53	3.24	2.53	0.14	0.04	72.17
113	16.55	5.72	3.44	2.53	3.07	2.53	0.13	0.05	59.78
114	19.58	8.05	3.78	2.53	3.13	2.53	0.16	0.05	59.83
115	21.76	7.27	3.53	2.53	3.05	2.53	0.10	0.04	65.92
116	21.38	6.86	3.77	2.53	3.26	2.53	0.14	0.05	58.93
117	22.71	9.22	3.80	2.53	3.14	2.53	0.14	0.05	62.35
118	23.51	8.73	3.72	2.53	3.25	2.53	0.13	0.05	64.45
119	26.27	8.91	3.99	2.53	3.51	2.53	0.14	0.06	68.97
120	18.71	7.52	3.29	2.53	2.87	2.53	0.10	0.03	60.76

Station Location: YBI
Station ID: BC11
Sample Date: 9/25/01
Species: MCAL caged

Statistics

Mean	0.135357456
Standard Error	0.00378778
Median	0.1373108
Mode	#N/A
Standard Deviation	0.016939466
Sample Variance	0.000286946
Kurtosis	0.431277454
Skewness	-0.913554185
Range	0.062148942
Minimum	0.098302055
Maximum	0.160450997
Sum	2.707149117
Count	20

dry wt. 1.83

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
1	15.37	5.11	2.88	2.48	2.72	2.52	0.06	0.02	59.35
2	24.97	7.52	3.13	2.48	2.85	2.52	0.06	0.02	68.38
3	12.44	4.09	2.81	2.48	2.64	2.52	0.05	0.01	53.44
4	14.27	4.74	2.86	2.48	2.69	2.52	0.06	0.02	64.70
5	15.60	5.13	2.85	2.48	2.68	2.52	0.05	0.02	60.67
6	18.12	6.82	3.07	2.49	2.77	2.52	0.07	0.02	62.50
7	24.66	8.04	3.24	2.49	2.91	2.52	0.07	0.02	67.56
8	19.61	5.20	2.86	2.49	2.62	2.52	0.03	0.01	71.59
9	13.92	5.32	2.93	2.49	2.75	2.52	0.08	0.03	59.02
10	18.15	6.14	3.02	2.49	2.80	2.52	0.07	0.02	64.78
11	18.23	6.15	3.04	2.49	2.83	2.52	0.07	0.03	67.03
12	15.03	5.42	2.97	2.49	2.69	2.52	0.07	0.02	62.55
13	10.31	3.44	2.78	2.49	2.64	2.52	0.06	0.02	54.54
14	12.33	4.62	3.00	2.47	2.78	2.52	0.10	0.03	61.85
15	14.88	5.27	2.92	2.47	2.68	2.52	0.06	0.02	60.84
16	25.65	8.55	3.34	2.47	3.01	2.52	0.08	0.03	74.89
17	24.00	3.00	3.17	2.46	2.97	2.52	0.06	0.02	73.35
18	17.83	5.72	3.01	2.46	2.83	2.52	0.07	0.03	64.38
19	15.65	4.95	3.01	2.46	2.70	2.50	0.07	0.02	64.33
20	16.06	5.22	2.98	2.53	2.74	2.50	0.06	0.02	64.96
21	15.49	5.88	2.99	2.53	2.66	2.50	0.06	0.02	59.73
22	22.28	6.37	3.09	2.53	2.78	2.50	0.05	0.02	75.04
148	25.67	9.21	3.27	2.53	2.88	2.50	0.07	0.02	76.55
149	9.63	3.40	2.77	2.54	2.59	2.50	0.05	0.01	52.94
150	17.67	6.61	3.07	2.55	2.72	2.50	0.07	0.02	65.64

Station Location: Davis Point
Station ID: BD40
Sample Date: 9/28/01
Species: MCAL bagged

Statistics

Mean	0.064179481
Standard Error	0.002578948
Median	0.064516129
Mode	#N/A
Standard Deviation	0.01289474
Sample Variance	0.000166274
Kurtosis	3.067704766
Skewness	0.503714534
Range	0.069848093
Minimum	0.032616239
Maximum	0.102464332
Sum	1.604487027
Count	25

dry wt. 0.75

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
151	21.14	4.92	3.04	2.50	2.77	2.51	0.05	0.02	70.59
152	33.95	8.50	3.13	2.50	2.96	2.52	0.04	0.02	81.62
153	12.77	3.41	2.73	2.50	2.70	2.52	0.04	0.02	59.80
154	39.79	10.36	3.31	2.50	3.21	2.52	0.05	0.02	84.61
155	24.02	5.61	2.90	2.51	2.78	2.52	0.04	0.01	65.89
156	15.88	4.09	3.49	2.51	3.20	2.52	0.14	0.06	61.91
157	19.34	4.94	2.96	2.51	2.81	2.52	0.05	0.02	68.30
158	23.69	4.72	3.37	2.51	3.05	2.52	0.07	0.03	73.98
159	11.23	2.75	2.80	2.51	2.69	2.52	0.05	0.02	53.34
160	17.57	5.19	3.03	2.51	2.84	2.52	0.07	0.03	64.98
161	21.43	4.84	3.43	2.51	3.39	2.52	0.11	0.05	70.75
162	20.00	3.84	2.93	2.51	2.77	2.52	0.04	0.02	70.33
163	22.20	4.94	3.02	2.51	2.80	2.52	0.05	0.02	70.99
164	20.81	4.98	3.02	2.51	2.72	2.52	0.04	0.01	68.78
165	24.64	6.94	3.08	2.51	2.84	2.52	0.05	0.02	69.09
166	12.21	3.61	2.81	2.51	2.75	2.52	0.06	0.03	59.21
167	17.00	3.84	2.97	2.51	2.77	2.52	0.05	0.02	61.72
168	15.12	3.78	2.88	2.51	2.66	2.48	0.05	0.02	58.06
169	22.21	4.65	3.02	2.51	2.73	2.48	0.04	0.01	65.81
170	28.38	7.07	3.23	2.51	2.75	2.48	0.05	0.01	69.62
171	20.16	4.04	3.06	2.51	2.74	2.48	0.05	0.02	63.13
172	26.11	7.00	3.40	2.51	2.82	2.48	0.06	0.02	68.99
173	10.97	2.48	2.74	2.51	2.64	2.48	0.05	0.02	55.89
174	10.70	3.05	2.75	2.51	2.63	2.48	0.05	0.02	49.64
175	31.96	7.79	4.17	2.51	3.33	2.48	0.10	0.04	70.54

Station Location: Napa River
Station ID: BD50
Sample Date: 9/28/01
Species: *MEDU caged*

Statistics

Mean	0.058738231
Standard Error	0.004888441
Median	0.050282486
Mode	#N/A
Standard Deviation	0.024442204
Sample Variance	0.000597421
Kurtosis	4.998896755
Skewness	2.245547167
Range	0.105490387
Minimum	0.035306898
Maximum	0.140797286
Sum	1.468455785
Count	25

dry wt. 0.93

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
176	34.96	8.33	3.96	2.51	3.41	2.52	0.09	0.03	73.04
177	9.87	2.82	2.78	2.51	2.72	2.52	0.07	0.03	53.92
178	17.63	4.45	3.12	2.51	2.78	2.53	0.07	0.02	62.11
179	17.13	3.74	2.95	2.51	2.74	2.53	0.05	0.02	61.69
180	22.07	5.65	3.13	2.51	2.77	2.53	0.05	0.01	67.32
181	21.09	4.18	3.10	2.51	2.80	2.51	0.05	0.02	70.47
182	19.29	4.35	3.05	2.51	2.83	2.53	0.06	0.02	64.43
183	21.75	5.62	3.14	2.51	2.87	2.53	0.06	0.02	58.53
184	21.34	4.37	3.07	2.51	2.93	2.53	0.06	0.02	69.11
185	21.23	4.39	3.16	2.51	2.90	2.53	0.06	0.02	62.35
186	10.80	3.01	2.89	2.52	2.68	2.53	0.07	0.02	54.48
187	30.96	6.22	3.25	2.52	3.02	2.54	0.05	0.02	79.19
188	16.33	3.60	3.65	2.52	3.29	2.54	0.15	0.06	60.66
189	37.19	9.06	3.07	2.52	2.81	2.54	0.03	0.01	77.15
190	18.01	4.15	3.06	2.52	2.85	2.54	0.06	0.02	57.38
191	30.99	7.94	3.44	2.52	3.13	2.54	0.07	0.03	68.74
192	13.69	2.93	2.88	2.52	2.81	2.54	0.06	0.03	57.84
193	23.42	5.31	3.08	2.51	2.73	2.51	0.04	0.01	66.12
194	14.99	3.82	2.96	2.52	2.77	2.54	0.06	0.02	51.68
195	11.06	3.38	2.75	2.52	2.72	2.54	0.05	0.02	47.80
196	23.18	5.78	2.94	2.52	2.78	2.54	0.04	0.01	64.85
197	14.59	3.52	2.79	2.52	2.71	2.55	0.04	0.01	53.77
198	17.16	3.58	3.08	2.52	2.80	2.55	0.06	0.02	62.98
199	15.74	3.50	3.20	2.52	2.84	2.55	0.08	0.02	58.24
200	19.70	4.10	3.23	2.52	2.86	2.55	0.07	0.02	61.30

Station Location: Davis Point
Station ID: BD40
Sample Date: 9/28/01
Species: *MEDU* caged

Statistics

Mean	0.060886969
Standard Error	0.004396444
Median	0.059646539
Mode	#N/A
Standard Deviation	0.02198222
Sample Variance	0.000483218
Kurtosis	10.1270425
Skewness	2.621884958
Range	0.118532266
Minimum	0.029150373
Maximum	0.147682639
Sum	1.522174218
Count	25

dry wt. 0.92

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
201	25.89	4.94	3.04	2.49	2.99	2.50	0.05	0.02	72.73
202	13.28	3.58	2.81	2.49	2.78	2.50	0.06	0.03	52.82
203	20.78	4.69	3.83	2.49	2.99	2.50	0.11	0.03	62.77
204	15.76	3.56	2.81	2.49	2.78	2.50	0.05	0.02	53.38
205	36.00	8.37	3.50	2.49	2.97	2.50	0.05	0.02	74.88
206	17.42	3.97	2.87	2.49	2.83	2.50	0.05	0.02	56.50
207	19.58	4.10	3.05	2.49	2.86	2.50	0.06	0.02	65.95
208	19.38	5.79	2.87	2.49	2.74	2.50	0.05	0.02	55.79
209	30.01	5.71	3.28	2.48	2.85	2.50	0.05	0.01	72.56
210	31.62	8.16	3.25	2.48	3.05	2.50	0.06	0.02	71.65
211	15.29	3.39	2.96	2.48	2.88	2.50	0.07	0.03	60.86
212	16.49	3.83	2.90	2.48	2.73	2.50	0.05	0.02	60.01
213	27.03	6.33	3.11	2.48	2.92	2.50	0.05	0.02	69.72
214	18.06	4.49	3.07	2.48	2.79	2.50	0.06	0.02	63.43
215	14.39	3.41	2.92	2.48	2.66	2.50	0.05	0.01	53.80
216	30.95	7.54	3.06	2.48	2.83	2.50	0.04	0.01	70.87
217	16.94	3.30	2.79	2.47	2.79	2.50	0.04	0.02	61.03
218	26.50	6.37	3.19	2.47	2.97	2.50	0.06	0.02	73.67
219	19.47	5.47	3.00	2.47	2.82	2.50	0.06	0.02	63.18
220	34.95	6.99	3.32	2.50	3.03	2.50	0.05	0.02	75.48
221	23.13	3.77	3.02	2.50	2.77	2.50	0.04	0.01	63.63
222	25.44	5.35	2.91	2.50	2.85	2.50	0.04	0.02	69.32
223	20.87	6.79	3.34	2.50	3.09	2.50	0.10	0.04	75.43
224	33.93	7.26	3.75	2.50	3.23	2.50	0.07	0.03	75.26
225	29.09	4.80	3.03	2.50	2.86	2.50	0.04	0.01	79.47

Station Location: Petaluma River
Station ID: BD15
Sample Date: 9/27/01
Species: *MEDU bagged*

Statistics

Mean	0.057041086
Standard Error	0.003626153
Median	0.052788104
Mode	#N/A
Standard Deviation	0.018130765
Sample Variance	0.000328725
Kurtosis	3.994316146
Skewness	1.880650357
Range	0.077094646
Minimum	0.036640593
Maximum	0.113735239
Sum	1.426027146
Count	25

dry wt. 1.00

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
226	68.46	33.11	5.30	2.55			0.08	0.00	108.09
227	58.52	29.24	4.50	2.55			0.07	0.00	106.29
228	68.69	34.54	5.58	2.55			0.09	0.00	105.90
229	58.78	26.44	5.16	2.55			0.08	0.00	85.04
230	48.76	26.43	4.71	2.55			0.10	0.00	101.01
231	40.58	25.22	4.03	2.55			0.10	0.00	86.91
232	71.40	30.56	5.45	2.55			0.07	0.00	98.05
233	59.29	29.37	5.04	2.55			0.08	0.00	101.90
234	38.00	17.12	4.71	2.55			0.10	0.00	87.32
235	81.01	37.30	5.11	2.55			0.06	0.00	101.47
236	71.18	35.63	5.16	2.55			0.07	0.00	103.73
237	54.75	27.70	4.29	2.55			0.06	0.00	107.34
238	61.58	30.71	5.79	2.55			0.10	0.00	110.98
239	50.35	26.67	4.08	2.55			0.06	0.00	104.28
240	50.78	27.90	4.23	2.55			0.07	0.00	82.13
241	63.36	32.74	5.11	2.55			0.08	0.00	108.67
242	70.35	29.91	5.73	2.55			0.08	0.00	114.19
243	40.66	22.56	4.22	2.55			0.09	0.00	83.54
244	69.23	37.00	5.38	2.55			0.09	0.00	96.77
245	63.24	29.85	4.95	2.55			0.07	0.00	103.56
246	62.78	29.75	4.44	2.55			0.06	0.00	114.56
247	64.39	39.92	5.32	2.55			0.11	0.00	107.57
248	56.08	18.69	4.73	2.55			0.06	0.00	95.85
249	51.39	23.70	3.77	2.55			0.04	0.00	100.90
250	83.03	37.91	5.67	2.55			0.07	0.00	112.23

Station Location: Coyote Creek
Station ID: BA10
Sample Date: 9/26/01
Species: CGIG

Statistics

Mean	0.078400611
Standard Error	0.003373993
Median	0.077793494
Mode	#N/A
Standard Deviation	0.016869967
Sample Variance	0.000284596
Kurtosis	-0.342339859
Skewness	0.176398768
Range	0.069140609
Minimum	0.044059227
Maximum	0.113199837
Sum	1.960015278
Count	25

dry wt. 2.35

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
251	41.98	24.02	3.45	2.55			0.05	0.00	97.46
252	26.61	16	3.05	2.55			0.05	0.00	69.40
253	40.50	19.11	3.53	2.55			0.05	0.00	95.74
254	47.33	21.93	3.6	2.55			0.04	0.00	95.62
255	44.01	21.12	3.93	2.55			0.06	0.00	79.33
256	38.61	16.95	3.55	2.55			0.05	0.00	86.57
257	42.44	22.52	3.6	2.55			0.05	0.00	94.86
258	49.48	24.73	3.68	2.55			0.05	0.00	79.60
259	46.65	24.58	3.83	2.55			0.06	0.00	89.56
260	47.23	22.11	3.93	2.55			0.05	0.00	77.15
261	36.69	19.05	3.26	2.55			0.04	0.00	84.81
262	43.35	20.72	3.61	2.55			0.05	0.00	83.33
263	47.55	21.83	4.03	2.55			0.06	0.00	81.65
264	52.44	26.91	3.51	2.55			0.04	0.00	97.60
265	43.02	23.85	3.63	2.55			0.06	0.00	99.45
266	31.95	16.54	3.57	2.55			0.07	0.00	80.90
267	43.91	23.36	3.9	2.55			0.07	0.00	87.72
268	55.10	26.78	4.67	2.55			0.07	0.00	90.14
269	42.81	23.14	3.53	2.55			0.05	0.00	72.35
270	35.93	17.33	3.46	2.55			0.05	0.00	79.99
271	39.83	17.56	3.48	2.55			0.04	0.00	89.26
272	51.68	31.93	4.23	2.55			0.09	0.00	84.74
273	49.92	27.36	3.94	2.55			0.06	0.00	85.38
274	41.50	19.98	3.47	2.55			0.04	0.00	96.92
275	43.86	24.77	3.93	2.55			0.07	0.00	77.06

Station Location: Napa River
Station ID: BD50
Sample Date: 9/28/01
Species: CGIG

Statistics

Mean	0.053987554
Standard Error	0.002381631
Median	0.050111359
Mode	#N/A
Standard Deviation	0.011908153
Sample Variance	0.000141804
Kurtosis	0.501800936
Skewness	0.929467945
Range	0.047460471
Minimum	0.03760282
Maximum	0.085063291
Sum	1.349688843
Count	25

dry wt. 1.14

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
276	30.04	15.65	3.31	2.53			0.05	0.00	84.26
277	45.97	23.62	3.43	2.53			0.04	0.00	87.76
278	51.21	25.62	4.11	2.53			0.06	0.00	97.67
279	44.45	22.48	3.80	2.53			0.06	0.00	88.80
280	40.09	19.06	3.64	2.53			0.05	0.00	78.47
281	48.26	25.35	3.75	2.53			0.05	0.00	96.77
282	46.72	20.68	3.82	2.53			0.05	0.00	97.90
283	27.79	13.25	3.35	2.53			0.06	0.00	87.23
284	46.33	32.16	3.73	2.53			0.08	0.00	81.18
285	35.15	16.66	3.67	2.53			0.06	0.00	86.54
286	49.40	20.52	3.40	2.53			0.03	0.00	78.59
287	48.19	25.58	4.10	2.53			0.07	0.00	91.02
288	38.61	17.79	3.48	2.53			0.05	0.00	100.84
289	34.23	15.65	3.42	2.53			0.05	0.00	75.41
290	41.48	19.80	3.66	2.53			0.05	0.00	73.03
291	33.83	16.25	3.42	2.53			0.05	0.00	84.53
292	35.96	18.57	3.14	2.53			0.04	0.00	74.29
293	40.37	19.59	3.68	2.53			0.06	0.00	93.33
294	36.80	17.55	3.47	2.53			0.05	0.00	78.18
295	39.88	19.37	3.46	2.53			0.05	0.00	79.19
296	42.38	20.97	3.64	2.53			0.05	0.00	80.61
297	42.10	27.16	3.39	2.53			0.06	0.00	91.81
298	36.78	16.52	3.49	2.53			0.05	0.00	89.94
299	34.27	8.98	3.56	2.53			0.04	0.00	75.95
300	42.75	16.72	3.63	2.53			0.04	0.00	90.39

Station Location: Petaluma River
Station ID: BD15
Sample Date: 9/27/01
Species: CGIG

Statistics

Mean	0.051701816
Standard Error	0.002208351
Median	0.051844932
Mode	#N/A
Standard Deviation	0.011041756
Sample Variance	0.00012192
Kurtosis	2.498148795
Skewness	0.844918409
Range	0.054561303
Minimum	0.030124654
Maximum	0.084685956
Sum	1.29254539
Count	25

dry wt. 1.05

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
301	20.98	6.84	3.36	2.51	2.73	2.51	0.08	0.02	66.61
302	26.87	9.60	3.40	2.51	2.92	2.51	0.08	0.02	67.66
303	24.62	8.62	3.37	2.51	3.02	2.51	0.09	0.03	65.72
304	19.47	6.40	3.27	2.51	2.94	2.51	0.09	0.03	56.53
305	20.68	9.13	3.13	2.51	2.92	2.51	0.09	0.04	62.58
306	25.20	8.30	3.45	2.51	3.19	2.51	0.10	0.04	64.31
307	27.33	8.08	3.44	2.51	2.99	2.51	0.07	0.02	68.50
308	21.85	6.73	3.26	2.51	2.90	2.51	0.08	0.03	64.65
309	27.30	13.13	3.58	2.51	3.72	2.51	0.16	0.09	73.83
310	24.22	9.17	3.22	2.51	2.94	2.51	0.08	0.03	61.30
311	16.86	5.71	3.17	2.51	2.82	2.51	0.09	0.03	58.51
312	20.39	7.13	3.30	2.51	3.01	2.51	0.10	0.04	62.23
313	30.85	10.52	3.71	2.51	3.30	2.51	0.10	0.04	72.23
314	28.83	10.21	3.49	2.51	3.37	2.51	0.10	0.05	66.35
315	14.28	5.06	2.95	2.51	2.82	2.51	0.08	0.03	55.05
316	23.55	7.04	3.21	2.51	3.02	2.51	0.07	0.03	68.50
317	15.58	6.65	2.88	2.51	2.66	2.51	0.06	0.02	56.50
318	23.42	7.97	3.32	2.51	3.14	2.51	0.09	0.04	64.16
319	20.31	7.42	3.31	2.51	3.08	2.51	0.11	0.04	62.18
320	21.58	6.82	3.19	2.51	3.14	2.51	0.09	0.04	65.59
321	19.81	6.95	3.18	2.51	3.05	2.51	0.09	0.04	60.99
322	17.05	5.65	3.06	2.51	2.87	2.51	0.08	0.03	61.38
323	27.74	11.42	3.32	2.51	3.05	2.51	0.08	0.03	61.45
324	26.92	8.12	3.27	2.51	3.20	2.51	0.08	0.04	69.88
325	27.04	9.40	3.42	2.51	3.02	2.51	0.08	0.03	66.45

Station Location: Coyote Creek
Station ID: BA10
Sample Date: 9/26/01
Species: MCAL bagged

Statistics

Mean	0.087772061
Standard Error	0.00373035
Median	0.085625
Mode	#N/A
Standard Deviation	0.018651751
Sample Variance	0.000347888
Kurtosis	9.730213441
Skewness	2.512361013
Range	0.102672634
Minimum	0.058230683
Maximum	0.160903317
Sum	2.194301528
Count	25

dry wt. 1.30

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
326	32.81	11.11	3.66	2.53	3.23	2.53	0.08	0.03	70.24
327	14.19	4.23	3.03	2.53	2.92	2.53	0.09	0.04	57.39
328	14.39	4.99	3.07	2.53	2.76	2.53	0.08	0.02	55.50
329	18.61	6.46	3.32	2.53	3.32	2.53	0.13	0.07	60.63
330	18.71	6.28	3.09	2.53	2.86	2.53	0.07	0.03	63.85
331	22.23	7.66	3.24	2.53	2.94	2.53	0.08	0.03	64.93
332	20.51	7.88	3.24	2.53	3.05	2.53	0.10	0.04	61.09
333	19.91	6.13	3.29	2.53	3.06	2.53	0.09	0.04	64.97
334	21.12	7.32	3.32	2.53	3.01	2.53	0.09	0.03	62.42
335	25.96	8.07	3.48	2.53	3.10	2.53	0.08	0.03	72.69
336	18.94	6.10	3.00	2.53	2.88	2.53	0.06	0.03	62.14
337	12.97	4.92	2.98	2.53	2.88	2.53	0.10	0.04	54.81
338	22.21	7.98	3.65	2.53	3.02	2.53	0.11	0.03	64.71
339	18.89	6.09	2.86	2.53	2.70	2.53	0.04	0.01	62.33
340	27.35	9.23	3.57	2.53	3.10	2.53	0.09	0.03	69.38
341	17.42	7.60	3.07	2.53	2.79	2.53	0.08	0.03	54.16
342	18.72	7.09	3.29	2.53	3.02	2.53	0.11	0.04	58.65
343	23.50	9.52	3.32	2.53	3.14	2.53	0.10	0.04	64.12
344	25.39	8.66	3.44	2.53	3.39	2.53	0.11	0.05	66.94
345	9.77	3.92	2.93	2.53	2.78	2.53	0.11	0.04	47.51
346	16.02	6.35	3.11	2.53	3.00	2.53	0.11	0.05	56.18
347	15.99	5.70	3.07	2.53	2.95	2.53	0.09	0.04	58.11
348	11.03	3.64	2.95	2.53	2.85	2.53	0.10	0.04	47.83
349	18.28	7.87	3.24	2.53	2.88	2.53	0.10	0.03	61.48
350	17.63	6.99	3.22	2.53	2.84	2.53	0.09	0.03	56.42

Station Location: Coyote Creek
Station ID: BA10
Sample Date: 9/28/01
Species: MCAL caged

Statistics

Mean	0.092409211
Standard Error	0.003618899
Median	0.093613933
Mode	#N/A
Standard Deviation	0.018094496
Sample Variance	0.000327411
Kurtosis	2.339763204
Skewness	-0.843168823
Range	0.090978652
Minimum	0.0390625
Maximum	0.130041152
Sum	2.310230282
Count	25

dry wt. 1.14

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
351	17.84	3.39	3.30	2.54	2.93	2.54	0.08	0.03	58.63
352	23.18	5.06	3.39	2.54	2.87	2.54	0.07	0.02	63.88
353	40.28	5.66	3.68	2.54	3.00	2.54	0.05	0.01	83.78
354	29.45	5.06	3.50	2.54	3.31	2.54	0.07	0.03	68.83
355	23.64	4.45	3.12	2.54	2.95	2.54	0.05	0.02	65.61
356	27.69	4.60	3.59	2.54	3.20	2.54	0.07	0.03	69.53
357	25.85	4.62	3.19	2.54	3.20	2.54	0.06	0.03	65.85
358	20.42	3.77	3.18	2.54	3.00	2.54	0.07	0.03	63.76
359	22.63	4.45	3.21	2.54	2.95	2.54	0.06	0.02	69.67
360	19.74	4.15	3.15	2.54	2.81	2.54	0.06	0.02	60.50
361	22.93	4.15	3.19	2.54	2.74	2.54	0.05	0.01	65.01
362	25.93	5.43	3.17	2.54	3.14	2.54	0.06	0.03	66.32
363	22.62	5.54	3.20	2.54	3.00	2.54	0.07	0.03	63.01
364	17.80	3.90	3.30	2.54	2.96	2.54	0.08	0.03	58.06
365	19.50	5.26	3.27	2.54	2.86	2.54	0.07	0.02	61.67
366	22.25	3.81	3.20	2.54	2.81	2.54	0.05	0.01	61.37
367	30.63	5.90	3.49	2.54	3.19	2.54	0.06	0.03	72.24
368	24.37	4.71	3.19	2.54	2.93	2.54	0.05	0.02	65.20
369	20.98	4.22	3.20	2.54	2.92	2.54	0.06	0.02	62.32
370	26.17	5.17	3.32	2.54	3.36	2.54	0.08	0.04	68.96
371	16.14	3.05	3.07	2.54	2.93	2.54	0.07	0.03	59.29
372	23.98	5.14	3.42	2.54	3.27	2.54	0.09	0.04	66.91
373	18.22	3.66	3.04	2.54	2.97	2.54	0.06	0.03	58.15
374	26.39	4.71	3.34	2.54	3.14	2.54	0.06	0.03	69.12
375	29.96	6.10	2.67	2.54	3.75	2.54	0.06	0.05	69.18

Station Location: Coyote Creek
Station ID: BA10
Sample Date: 9/26/01
Species: *MEDU* bagged

Statistics

Mean	0.064288435
Standard Error	0.002187828
Median	0.064575646
Mode	#N/A
Standard Deviation	0.010939139
Sample Variance	0.000119665
Kurtosis	-0.414739638
Skewness	0.192716586
Range	0.04019556
Minimum	0.045260916
Maximum	0.085456476
Sum	1.60721087
Count	25

dry wt. 1.22

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
376	27.98	5.04	3.35	2.54	2.92	2.54	0.05	0.02	73.74
377	23.03	4.39	3.47	2.54	3.04	2.54	0.08	0.03	65.91
378	31.84	6.31	3.54	2.54	3.26	2.54	0.07	0.03	74.27
379	22.78	5.00	3.38	2.54	3.17	2.54	0.08	0.04	64.56
380	25.24	5.35	3.54	2.54	2.81	2.54	0.06	0.01	67.20
381	28.93	5.13	3.81	2.54	3.17	2.54	0.08	0.03	69.82
382	18.50	3.43	3.01	2.54	2.84	2.54	0.05	0.02	62.30
383	23.39	4.41	3.47	2.54	3.02	2.54	0.07	0.03	69.55
384	22.95	4.65	3.16	2.54	2.92	2.54	0.05	0.02	62.71
385	26.59	4.81	3.47	2.54	3.08	2.54	0.07	0.02	68.83
386	23.15	4.46	3.05	2.54	3.03	2.54	0.05	0.03	65.05
387	25.38	5.14	3.48	2.54	3.35	2.54	0.09	0.04	70.24
388	32.56	5.87	3.41	2.54	3.31	2.54	0.06	0.03	74.78
389	27.19	5.27	3.16	2.54	3.20	2.54	0.06	0.03	69.33
390	25.91	4.49	3.18	2.54	3.22	2.54	0.06	0.03	65.91
391	36.50	5.79	3.37	2.54	3.33	2.54	0.05	0.03	78.48
392	22.45	3.92	3.37	2.54	2.96	2.54	0.07	0.02	64.30
393	24.96	5.11	3.27	2.54	3.08	2.54	0.06	0.03	63.59
394	20.07	3.78	3.42	2.54	3.05	2.54	0.09	0.03	59.73
395	23.46	4.61	3.24	2.54	3.06	2.54	0.06	0.03	65.71
396	29.89	4.27	3.31	2.54	3.45	2.54	0.07	0.04	67.76
397	25.37	4.73	3.57	2.54	3.51	2.54	0.10	0.05	69.37
398	30.36	5.40	3.55	2.54	3.68	2.54	0.09	0.05	71.19
399	30.48	6.28	3.41	2.54	3.52	2.54	0.08	0.04	71.71
400	31.82	5.10	3.70	2.54	3.23	2.54	0.07	0.03	72.89

Station Location: Coyote Creek
Station ID: BA10
Sample Date: 9/26/01
Species: *MEDU* caged

Statistics

Mean	0.069497309
Standard Error	0.002492339
Median	0.067414948
Mode	#N/A
Standard Deviation	0.012209919
Sample Variance	0.000149082
Kurtosis	-0.471045246
Skewness	0.443797152
Range	0.045804334
Minimum	0.051094891
Maximum	0.096899225
Sum	1.667935421
Count	24

dry wt. 1.48

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
401	17.64	4.09	3.31	2.51	2.95	2.51	0.09	0.03	63.11
402	19.76	4.49	3.53	2.51	3.08	2.51	0.10	0.04	62.20
403	21.94	4.66	3.37	2.51	3.17	2.51	0.09	0.04	63.58
404	21.93	4.41	3.34	2.51	3.49	2.51	0.10	0.06	65.13
405	15.13	3.60	3.38	2.51	3.00	2.51	0.12	0.04	15.13
406	20.73	4.09	3.40	2.51	3.13	2.51	0.09	0.04	63.83
407	23.12	5.01	2.57	2.51	3.13	2.51	0.04	0.03	65.56
408	22.78	4.54	3.68	2.51	3.30	2.51	0.11	0.04	65.22
409	24.58	4.69	3.42	2.51	3.23	2.51	0.08	0.04	68.29
410	18.57	4.45	3.27	2.51	2.92	2.51	0.08	0.03	60.44
411	26.32	4.93	3.61	2.51	3.14	2.51	0.08	0.03	68.43
412	24.72	5.44	3.73	2.51	3.32	2.51	0.11	0.04	67.90
413	29.40	5.18	3.67	2.51	3.23	2.51	0.08	0.03	72.33
414	21.43	4.42	3.50	2.51	3.20	2.51	0.10	0.04	63.73
415	20.84	3.74	3.22	2.51	2.76	2.51	0.06	0.01	60.15
416	22.76	4.14	3.42	2.51	3.21	2.51	0.09	0.04	63.51
417	18.59	4.13	3.28	2.51	2.94	2.51	0.08	0.03	71.51
418	21.32	4.42	3.41	2.51	2.89	2.51	0.08	0.02	64.16
419	19.81	3.93	3.49	2.51	3.10	2.51	0.10	0.04	61.80
420	26.04	6.01	3.73	2.51	3.17	2.51	0.09	0.03	67.55
421	19.69	3.62	3.48	2.51	3.28	2.51	0.11	0.05	62.34
422	24.43	4.97	4.35	2.51	3.14	2.51	0.13	0.03	63.64
423	59.67	5.52	3.76	2.51	3.14	2.51	0.03	0.01	64.54
424	17.57	3.55	3.30	2.51	2.97	2.51	0.09	0.03	61.58
425	24.27	4.80	3.57	2.51	3.27	2.51	0.09	0.04	67.52

Station Location: T-0
Station ID:
Sample Date: 2001
Species: *MEDU*

Statistics

Mean	0.088584003
Standard Error	0.004302158
Median	0.090745192
Mode	#N/A
Standard Deviation	0.021510789
Sample Variance	0.000462714
Kurtosis	1.522159772
Skewness	-0.991104581
Range	0.092208655
Minimum	0.034718375
Maximum	0.12692703
Sum	2.214600063
Count	25

dry wt. 1.58

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
426	19.35	6.88	3.43	2.55	2.80	2.52	0.09	0.02	61.99
427	17.81	6.51	3.32	2.55	2.85	2.52	0.10	0.03	59.83
428	21.56	7.52	3.69	2.55	3.20	2.52	0.13	0.05	61.03
429	16.67	6.01	3.42	2.55	2.98	2.52	0.12	0.04	61.58
430	18.24	7.33	3.42	2.55	2.97	2.52	0.12	0.04	60.80
431	17.61	6.32	3.54	2.55	3.07	2.52	0.14	0.05	60.31
432	17.19	6.63	3.27	2.55	3.03	2.52	0.12	0.05	57.68
433	25.17	9.23	3.68	2.55	3.23	2.52	0.12	0.04	69.34
434	16.46	5.83	3.24	2.55	2.83	2.52	0.09	0.03	58.61
435	15.88	5.65	3.38	2.55	3.00	2.52	0.13	0.05	58.33
436	22.68	8.40	3.49	2.55	3.01	2.52	0.10	0.03	66.74
437	18.30	7.07	3.24	2.55	2.83	2.52	0.09	0.03	60.00
438	19.82	7.12	3.50	2.55	3.02	2.52	0.11	0.04	59.02
439	15.48	6.33	3.21	2.55	2.93	2.52	0.12	0.04	56.33
440	33.32	11.74	3.98	2.55	3.36	2.52	0.11	0.04	62.35
441	26.18	12.69	3.46	2.55	3.05	2.52	0.11	0.04	65.00
442	18.97	6.49	3.53	2.55	2.76	2.52	0.10	0.02	65.62
443	28.85	10.94	3.96	2.55	3.11	2.52	0.11	0.03	73.51
444	18.49	6.94	3.67	2.55	3.00	2.52	0.14	0.04	58.40
445	15.90	5.33	3.32	2.55	2.81	2.52	0.10	0.03	59.42
446	29.82	12.74	4.25	2.55	3.37	2.52	0.15	0.05	65.43
447	19.26	6.02	3.62	2.55	2.94	2.52	0.11	0.03	60.68
448	14.40	5.88	3.36	2.55	2.90	2.52	0.14	0.04	55.20
449	27.92	9.04	4.08	2.55	3.29	2.52	0.12	0.04	69.27
450	23.42	7.48	3.68	2.55	3.04	2.52	0.10	0.03	65.70

Station Location: T-0
Station ID:
Sample Date: 2001
Species: MCAL

Statistics

Mean	0.11454045
Standard Error	0.003244175
Median	0.114173228
Mode	#N/A
Standard Deviation	0.016220874
Sample Variance	0.000263117
Kurtosis	-0.625496332
Skewness	0.385179304
Range	0.060250229
Minimum	0.089047195
Maximum	0.149297424
Sum	2.863511261
Count	25

dry wt. 1.49

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
451	47.67	24.03	6.77	2.56			0.18	0.00	83.78
452	31.86	16.19	4.63	2.56			0.13	0.00	95.50
453	30.41	15.47	4.74	2.56			0.15	0.00	89.08
454	33.61	14.04	4.05	2.56			0.08	0.00	87.94
455	39.36	19.10	5.86	2.56			0.16	0.00	99.11
456	29.51	13.17	4.51	2.56			0.12	0.00	85.44
457	24.93	9.86	4.13	2.56			0.10	0.00	90.10
458	39.31	17.15	5.45	2.56			0.13	0.00	95.93
459	30.88	13.45	4.33	2.56			0.10	0.00	65.94
460	39.60	20.11	4.55	2.56			0.10	0.00	75.48
461	29.00	13.10	4.65	2.56			0.13	0.00	78.73
462	31.02	15.18	4.12	2.56			0.10	0.00	86.82
463	38.64	21.93	5.55	2.56			0.18	0.00	72.07
464	43.07	21.93	4.60	2.56			0.10	0.00	97.03
465	29.32	12.55	4.68	2.56			0.13	0.00	93.32
466	35.45	12.89	4.41	2.56			0.08	0.00	81.11
467	38.38	18.82	4.26	2.56			0.09	0.00	99.13
468	28.57	18.19	3.40	2.56			0.08	0.00	82.65
469	42.92	8.67	5.09	2.56			0.07	0.00	80.03
470	39.55	18.00	5.27	2.56			0.13	0.00	91.31
471	33.36	15.44	4.68	2.56			0.12	0.00	81.31
472	32.52	16.27	4.09	2.56			0.09	0.00	
473	26.47	13.03	3.61	2.56			0.08	0.00	73.35
474	40.54	16.31	6.30	2.56			0.15	0.00	86.87
475	38.61	18.83	5.02	2.56			0.12	0.00	98.91

Station Location: T-0
Station ID:
Sample Date: 2001
Species: CGIG

Statistics

Mean	0.116130441
Standard Error	0.006206412
Median	0.118303571
Mode	#N/A
Standard Deviation	0.031032059
Sample Variance	0.000962989
Kurtosis	-0.516505064
Skewness	0.529344866
Range	0.105066156
Minimum	0.073868613
Maximum	0.17893477
Sum	2.903261026
Count	25

dry wt. 2.19

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
476	57.19	29.78	4.43	2.50			0.07	0.00	84.61
477	52.52	26.73	4.30	2.50			0.07	0.00	102.63
478	55.05	28.99	4.18	2.50			0.06	0.00	90.83
479	78.66	39.94	4.84	2.50			0.06	0.00	96.60
480	65.65	37.22	6.44	2.50			0.14	0.00	98.50
481	48.41	22.92	4.60	2.50			0.08	0.00	93.33
482	51.57	27.53	4.25	2.50			0.07	0.00	86.98
483	46.23	23.98	3.94	2.50			0.06	0.00	96.78
484	51.11	24.10	4.37	2.50			0.07	0.00	93.52
485	46.18	21.24	4.03	2.50			0.06	0.00	98.11
486	50.14	23.84	5.04	2.50			0.10	0.00	83.57
487	40.92	18.56	4.23	2.50			0.08	0.00	86.67
488	55.37	29.76	5.05	2.50			0.10	0.00	80.66
489	67.72	41.94	4.92	2.50			0.09	0.00	85.55
490	56.02	27.45	5.23	2.50			0.10	0.00	93.87
491	41.27	21.58	4.10	2.50			0.08	0.00	77.72
492	70.09	36.05	4.72	2.50			0.07	0.00	106.00
493	56.85	30.17	4.74	2.50			0.08	0.00	85.87
494	34.64	17.56	3.99	2.50			0.09	0.00	83.10
495	44.60	21.02	4.59	2.50			0.09	0.00	81.55
496	59.83	37.84	4.81	2.50			0.11	0.00	110.28
497	57.93	30.81	3.93	2.50			0.05	0.00	96.58
498	56.61	27.35	4.74	2.50			0.08	0.00	85.50
499	57.68	27.06	5.90	2.50			0.11	0.00	79.56
500	49.07	23.98	3.81	2.50			0.05	0.00	101.31

Station Location: Davis Point
Station ID: BD40
Sample Date: 12/11/01
Species: CGIG

Statistics

Mean	0.080840255
Standard Error	0.003993779
Median	0.077370304
Mode	#N/A
Standard Deviation	0.019968896
Sample Variance	0.000398757
Kurtosis	1.43983764
Skewness	0.979747802
Range	0.086373964
Minimum	0.052212037
Maximum	0.138586001
Sum	2.021006386
Count	25

dry wt. 2.11

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
501	53.75	24.27	4.67	2.52			0.07	0.00	100.16
502	46.79	22.40	4.46	2.52			0.08	0.00	97.72
503	58.90	27.33	4.73	2.52			0.07	0.00	108.52
504	51.71	23.52	4.67	2.52			0.08	0.00	99.95
505	49.11	23.38	5.26	2.52			0.11	0.00	100.95
506	36.73	12.79	3.22	2.52			0.03	0.00	87.29
507	45.13	20.68	4.22	2.52			0.07	0.00	87.37
508	49.54	27.29	4.00	2.52			0.07	0.00	95.77
509	41.08	20.34	3.81	2.52			0.06	0.00	88.11
510	67.58	33.48	4.91	2.52			0.07	0.00	94.34
511	40.87	18.39	3.56	2.52			0.05	0.00	79.71
512	45.20	25.11	4.02	2.52			0.07	0.00	66.82
513	52.32	26.05	3.97	2.52			0.06	0.00	101.14
514	51.34	21.16	5.06	2.52			0.08	0.00	101.96
515	71.32	37.82	5.29	2.52			0.08	0.00	103.12
516	59.29	25.02	4.33	2.52			0.05	0.00	87.61
517	39.55	18.38	4.20	2.52			0.08	0.00	90.75
518	72.61	34.93	5.07	2.52			0.07	0.00	99.46
519	60.50	29.49	5.07	2.52			0.08	0.00	99.45
520	41.51	19.43	4.18	2.52			0.08	0.00	93.41
521	54.56	27.88	4.28	2.52			0.07	0.00	94.68
522	52.97	28.16	4.15	2.52			0.07	0.00	96.65
523	59.06	26.58	5.03	2.52			0.08	0.00	101.66
524	50.28	24.96	4.56	2.52			0.08	0.00	91.50
525	43.23	18.72	4.40	2.52			0.08	0.00	91.43

Station Location: San Pablo Bay
Station ID: BD20
Sample Date: 9/27/01
Species: CGIG

Statistics

Mean	0.070770242
Standard Error	0.002934046
Median	0.072930801
Mode	#N/A
Standard Deviation	0.014670232
Sample Variance	0.000215216
Kurtosis	2.626491649
Skewness	-0.612013884
Range	0.077250712
Minimum	0.029239766
Maximum	0.106490478
Sum	1.769256058
Count	25

dry wt. 1.92

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
526	23.87	5.54	3.56	2.54	3.06	2.54	0.08	0.03	65.23
527	23.43	4.99	3.49	2.54	3.01	2.54	0.08	0.03	67.49
528	20.16	3.94	3.67	2.54	3.33	2.54	0.12	0.05	61.17
529	24.01	3.94	3.81	2.54	3.24	2.54	0.10	0.03	69.96
530	35.05	2.03	4.31	2.54	3.97	2.54	0.10	0.04	76.85
531	38.23	8.36	3.71	2.54	3.50	2.54	0.07	0.03	78.42
532	20.76	4.41	3.55	2.54	3.47	2.54	0.12	0.06	63.19
533	15.43	4.35	3.03	2.54	2.88	2.54	0.07	0.03	51.42
534	30.79	6.56	3.58	2.54	3.76	2.54	0.09	0.05	78.01
535	19.52	3.58	3.36	2.54	2.98	2.54	0.08	0.03	63.47
536	20.19	5.00	3.65	2.54	3.13	2.54	0.11	0.04	61.27
537	29.64	6.61	3.85	2.54	3.23	2.54	0.09	0.03	73.45
538	25.10	4.37	3.67	2.54	3.50	2.54	0.10	0.05	69.58
539	41.00	8.72	3.47	2.54	3.52	2.54	0.06	0.03	80.26
540	27.56	5.48	3.13	2.54	3.16	2.54	0.05	0.03	71.79
541	35.68	7.11	4.36	2.54	4.42	2.54	0.13	0.07	80.14
542	19.23	4.25	3.32	2.54	3.11	2.54	0.09	0.04	66.49
543	22.75	5.65	3.51	2.54	3.25	2.54	0.10	0.04	66.25
544	34.96	7.70	4.05	2.54	3.38	2.54	0.09	0.03	74.75
545	32.11	7.21	3.65	2.54	3.33	2.54	0.08	0.03	70.34
546	27.64	5.53	4.25	2.54	3.43	2.54	0.12	0.04	70.84
547	22.28	5.01	3.13	2.54	2.97	2.54	0.06	0.02	59.68
548	31.46	4.35	3.74	2.54	3.87	2.54	0.09	0.05	72.68
549	29.29	5.71	3.74	2.54	3.62	2.54	0.10	0.05	77.50
550	33.11	6.67	3.27	2.54	3.27	2.54	0.06	0.03	75.93

Station Location: Dunbarton Bridge
Station ID: BA30
Sample Date: 9/26/01
Species: *MEDU bagged*

Statistics

Mean	0.089099147
Standard Error	0.004132012
Median	0.09012016
Mode	#N/A
Standard Deviation	0.020660061
Sample Variance	0.000426838
Kurtosis	-0.579592722
Skewness	0.04824473
Range	0.074705751
Minimum	0.054800725
Maximum	0.129506475
Sum	2.227478677
Count	25

dry wt. 1.93

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
551	21.58	7.37	3.79	2.53	3.11	2.53	0.13	0.04	64.78
552	22.18	7.81	3.82	2.53	3.18	2.53	0.14	0.05	65.34
553	24.39	7.06	3.67	2.53	3.43	2.53	0.12	0.05	68.94
554	20.50	7.47	3.51	2.53	3.23	2.53	0.13	0.05	60.82
555	28.90	9.43	3.85	2.53	3.40	2.53	0.11	0.04	72.29
556	19.56	6.54	3.26	2.53	2.90	2.53	0.08	0.03	62.27
557	20.83	7.47	3.48	2.53	3.39	2.53	0.14	0.06	62.24
558	13.08	4.91	3.09	2.53	2.90	2.53	0.11	0.05	50.78
559	23.22	8.58	3.40	2.53	2.99	2.53	0.09	0.03	67.59
560	17.99	6.10	3.31	2.53	3.04	2.53	0.11	0.04	60.82
561	20.68	7.26	3.45	2.53	3.15	2.53	0.11	0.05	62.51
562	20.40	7.21	3.42	2.53	3.19	2.53	0.12	0.05	65.40
563	22.94	8.24	3.52	2.53	3.49	2.53	0.13	0.07	63.85
564	20.76	7.26	3.62	2.53	3.47	2.53	0.15	0.07	67.00
565	12.15	4.05	3.13	2.53	2.93	2.53	0.12	0.05	52.19
566	12.20	4.34	3.20	2.53	3.02	2.53	0.15	0.06	50.41
567	11.73	4.40	3.10	2.53	2.86	2.53	0.12	0.05	51.04
568	9.44	3.97	2.99	2.53	2.79	2.53	0.13	0.05	44.07
569	13.47	4.69	3.31	2.53	2.89	2.53	0.13	0.04	57.64
570	25.46	8.24	3.88	2.53	3.35	2.53	0.13	0.05	68.50
571	19.12	6.13	3.25	2.53	3.21	2.53	0.11	0.05	63.67
572	19.56	6.69	3.49	2.53	3.33	2.53	0.14	0.06	63.79
573	20.91	7.93	3.68	2.53	3.36	2.53	0.15	0.06	60.52
574	19.27	6.98	3.48	2.53	3.12	2.53	0.13	0.05	63.19
575	20.26	8.09	3.48	2.53	3.20	2.53	0.13	0.06	60.94

Station Location: Redwood Creek
Station ID: BA40
Sample Date: 9/26/01
Species: MCAL bagged

Statistics

Mean	0.124353681
Standard Error	0.003255279
Median	0.12601626
Mode	#N/A
Standard Deviation	0.016276396
Sample Variance	0.000264921
Kurtosis	0.717297821
Skewness	-0.575680397
Range	0.068056966
Minimum	0.084485407
Maximum	0.152542373
Sum	3.108842033
Count	25

dry wt. 1.54

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
576	22.27	6.00	3.36	2.53	2.88	2.53	0.07	0.02	66.17
577	23.94	4.85	3.81	2.53	3.52	2.53	0.12	0.05	66.59
578	20.10	4.37	3.39	2.53	3.00	2.53	0.08	0.03	61.59
579	26.28	5.72	4.07	2.53	3.34	2.53	0.11	0.04	68.27
580	25.18	5.02	3.86	2.53	3.34	2.53	0.11	0.04	71.29
581	25.97	6.27	3.29	2.53	3.04	2.53	0.06	0.03	69.00
582	29.31	5.76	3.85	2.53	3.49	2.53	0.10	0.04	71.62
583	32.47	7.51	2.98	2.53	3.17	2.53	0.04	0.03	70.45
584	28.28	6.04	4.05	2.53	3.58	2.53	0.12	0.05	71.60
585	28.60	6.28	3.68	2.53	3.34	2.53	0.09	0.04	67.66
586	23.62	4.83	3.81	2.53	3.31	2.53	0.11	0.04	69.54
587	17.41	4.33	3.23	2.53	2.93	2.53	0.08	0.03	63.17
588	21.19	4.03	3.94	2.53	3.37	2.53	0.13	0.05	62.32
589	27.07	6.58	3.80	2.53	3.61	2.53	0.11	0.05	65.81
590	16.60	3.90	3.38	2.53	3.02	2.53	0.11	0.04	56.24
591	41.49	8.66	4.55	2.53	3.92	2.53	0.10	0.04	77.29
592	28.02	6.20	3.57	2.53	3.55	2.53	0.09	0.05	71.28
593	30.11	6.47	3.68	2.53	3.52	2.53	0.09	0.04	71.76
594	34.55	8.77	3.92	2.53	3.73	2.53	0.10	0.05	73.60
595	35.08	8.08	3.54	2.53	3.71	2.53	0.08	0.04	73.25
596	13.47	3.54	3.13	2.53	2.99	2.53	0.11	0.05	53.78
597	34.72	7.32	3.77	2.53	3.31	2.53	0.07	0.03	79.11
598	23.44	5.43	3.65	2.53	3.29	2.53	0.10	0.04	69.93
599	33.08	7.98	3.99	2.53	3.51	2.53	0.10	0.04	71.91
600	28.52	5.57	3.63	2.53	3.40	2.53	0.09	0.04	71.41

Station Location: Redwood Creek
Station ID: BA40
Sample Date: 9/26/01
Species: *MEDU bagged*

Statistics

Mean	0.095523924
Standard Error	0.003861281
Median	0.097211155
Mode	#N/A
Standard Deviation	0.019306403
Sample Variance	0.000372737
Kurtosis	0.887495674
Skewness	-0.703590844
Range	0.087449009
Minimum	0.043669872
Maximum	0.131118881
Sum	2.388098108
Count	25

dry wt. 1.97

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
601	13.93	4.67	3.24	2.54	3.00	2.54	0.13	0.05	56.74
602	13.36	4.48	3.18	2.54	2.92	2.54	0.11	0.04	55.06
603	19.60	7.08	3.36	2.54	3.06	2.54	0.11	0.04	62.15
604	24.47	7.88	3.46	2.54	3.23	2.54	0.10	0.04	69.17
605	31.52	10.40	3.88	2.54	3.63	2.54	0.12	0.05	68.28
606	12.78	4.21	3.16	2.54	3.11	2.54	0.14	0.07	55.34
607	17.34	7.45	3.37	2.54	3.13	2.54	0.14	0.06	60.31
608	27.45	10.04	3.75	2.54	3.37	2.54	0.12	0.05	70.69
609	23.80	8.40	3.57	2.54	3.55	2.54	0.13	0.07	66.00
610	14.12	4.83	3.23	2.54	2.99	2.54	0.12	0.05	55.02
611	39.25	14.15	4.24	2.54	3.51	2.54	0.11	0.04	80.67
612	15.53	6.61	3.36	2.54	3.12	2.54	0.16	0.07	55.83
613	21.58	6.95	3.44	2.54	3.23	2.54	0.11	0.05	67.56
614	25.01	8.12	3.39	2.54	3.35	2.54	0.10	0.05	66.71
615	12.02	4.82	3.01	2.54	2.93	2.54	0.12	0.05	49.22
616	14.29	4.92	3.22	2.54	2.93	2.54	0.11	0.04	55.85
617	24.36	10.12	5.47	2.54	3.43	2.54	0.27	0.06	63.76
618	20.98	7.08	3.29	2.54	3.22	2.54	0.10	0.05	63.72
619	21.12	8.46	3.12	2.54	2.86	2.54	0.07	0.03	65.37
620	19.06	7.30	3.24	2.54	3.21	2.54	0.12	0.06	61.08
621	17.54	7.26	3.06	2.54	3.03	2.54	0.10	0.05	58.96
622	21.44	7.59	3.35	2.54	3.35	2.54	0.12	0.06	65.15
623	20.35	7.55	3.32	2.54	3.18	2.54	0.11	0.05	62.48
624	25.88	9.54	3.44	2.54	3.34	2.54	0.10	0.05	66.39
625	14.62	5.53	3.14	2.54	2.97	2.54	0.11	0.05	54.93

Station Location: Dunbarton Bridge
Station ID: BA30
Sample Date: 9/26/01
Species: MCAL bagged

Statistics

Mean	0.120808472
Standard Error	0.007019802
Median	0.114864865
Mode	#N/A
Standard Deviation	0.035099012
Sample Variance	0.001231941
Kurtosis	13.58519941
Skewness	3.239618153
Range	0.19716838
Minimum	0.071090047
Maximum	0.268258427
Sum	3.020211805
Count	25

dry wt. 1.56

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
626	20.85	4.84	3.37	2.52	3.11	2.52	0.09	0.04	66.65
627	22.86	4.62	3.45	2.52	3.12	2.52	0.08	0.03	66.50
628	16.39	3.95	3.41	2.52	2.99	2.52	0.11	0.04	57.22
629	41.77	9.45	3.93	2.52	3.55	2.52	0.08	0.03	80.73
630	23.95	5.44	3.31	2.52	3.31	2.52	0.09	0.04	62.63
631	30.42	6.93	3.63	2.52	3.60	2.52	0.09	0.05	72.35
632	28.18	4.49	3.62	2.52	3.82	2.52	0.10	0.05	72.68
633	37.20	6.87	3.75	2.52	3.85	2.52	0.08	0.04	77.06
634	16.55	3.76	3.38	2.52	3.06	2.52	0.11	0.04	58.73
635	21.41	5.54	3.33	2.52	3.17	2.52	0.09	0.04	59.57
636	39.75	7.31	5.33	2.52	4.21	2.52	0.14	0.05	78.79
637	33.52	6.41	3.54	2.52	3.40	2.52	0.07	0.03	75.61
638	29.61	6.23	3.56	2.52	3.41	2.52	0.08	0.04	74.00
639	26.53	5.46	3.36	2.52	3.38	2.52	0.08	0.04	68.46
640	34.12	5.53	3.49	2.52	3.78	2.52	0.08	0.04	71.77
641	22.49	5.32	3.61	2.52	3.28	2.52	0.11	0.04	60.43
642	26.50	4.86	4.26	2.52	3.25	2.52	0.11	0.03	66.97
643	21.38	4.72	3.59	2.52	3.08	2.52	0.10	0.03	66.59
644	21.17	4.64	3.49	2.52	2.94	2.52	0.08	0.03	64.78
645	25.69	5.29	3.53	2.52	3.17	2.52	0.08	0.03	70.74
646	29.83	6.61	3.81	2.52	3.53	2.52	0.10	0.04	73.79
647	35.81	7.84	3.84	2.52	3.90	2.52	0.10	0.05	75.16
648	21.12	5.89	3.41	2.52	3.25	2.52	0.11	0.05	58.30
649	33.22	7.35	3.48	2.52	3.57	2.52	0.08	0.04	73.82
650	20.40	3.99	3.00	2.52	3.03	2.52	0.06	0.03	63.44

Station Location: Redwood Creek
Station ID: BA40
Sample Date: 9/26/01
Species: *MEDU caged*

Statistics

Mean	0.09198432
Standard Error	0.00332813
Median	0.089943785
Mode	#N/A
Standard Deviation	0.016640652
Sample Variance	0.000276911
Kurtosis	1.295987919
Skewness	0.729779773
Range	0.078388565
Minimum	0.060329068
Maximum	0.138717633
Sum	2.299607997
Count	25

dry wt. 1.97

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
651	15.85	4.96	2.90	2.52	2.64	2.51	0.05	0.01	58.17
652	29.79	14.43	3.38	2.53	2.85	2.51	0.08	0.02	69.27
653	9.96	4.80	2.94	2.53	2.72	2.50	0.12	0.04	54.12
654	22.76	7.85	3.34	2.53	2.88	2.50	0.08	0.03	67.69
655	18.78	5.97	3.06	2.53	2.87	2.50	0.07	0.03	63.69
656	26.96	11.45	3.46	2.53	2.95	2.50	0.09	0.03	71.10
657	15.56	8.20	2.94	2.53	2.81	2.50	0.10	0.04	55.52
658	25.20	5.50	3.31	2.53	2.84	2.50	0.06	0.02	70.01
659	18.92	8.29	3.17	2.53	2.89	2.50	0.10	0.04	59.65
660	24.11	6.75	3.14	2.53	2.81	2.50	0.05	0.02	71.79
661	23.07	6.87	3.31	2.53	3.18	2.50	0.09	0.04	64.18
662	18.96	5.88	3.03	2.53	2.81	2.50	0.06	0.02	63.90
663	13.44	4.69	2.93	2.53	2.68	2.50	0.07	0.02	57.65
664	30.94	9.82	3.59	2.53	3.12	2.50	0.08	0.03	75.70
665	18.92	7.97	3.01	2.49	2.70	2.50	0.07	0.02	62.64
666	31.95	11.20	3.65	2.49	3.30	2.50	0.09	0.04	75.57
667	18.05	6.42	2.96	2.49	2.72	2.50	0.06	0.02	55.90
668	26.02	8.49	3.37	2.49	2.88	2.50	0.07	0.02	66.93
669	17.41	6.47	3.15	2.49	2.84	2.50	0.09	0.03	60.00
670	29.61	9.64	3.35	2.49	2.89	2.50	0.06	0.02	71.69
671	15.72	4.85	2.92	2.49	2.73	2.50	0.06	0.02	62.24
672	21.43	7.72	2.93	2.49	2.78	2.50	0.05	0.02	68.04
673	16.06	6.58	3.05	2.49	2.83	2.50	0.09	0.03	60.16
674	24.62	7.72	3.21	2.48	2.90	2.50	0.07	0.02	68.02
675	21.82	6.69	3.25	2.47	2.92	2.50	0.08	0.03	61.81

Station Location: Napa River
Station ID: BD50
Sample Date: 9/28/01
Species: *MCAL caged*

Statistics

Mean	0.075464239
Standard Error	0.003618574
Median	0.071876783
Mode	#N/A
Standard Deviation	0.018092868
Sample Variance	0.000327352
Kurtosis	0.131939033
Skewness	0.592713599
Range	0.075261067
Minimum	0.046831956
Maximum	0.122093023
Sum	1.886605987
Count	25

dry wt. 1.02

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
676	9.21	3.57	2.82	2.50	2.68	2.52	0.09	0.03	46.49
677	24.21	8.90	3.22	2.50	2.72	2.52	0.06	0.01	66.64
678	18.13	5.75	3.06	2.50	2.78	2.52	0.07	0.02	59.20
679	24.19	8.87	3.31	2.50	2.88	2.52	0.08	0.02	65.19
680	11.65	3.75	2.85	2.50	2.62	2.52	0.06	0.01	55.54
681	27.68	9.24	3.60	2.50	3.16	2.52	0.09	0.03	73.52
682	17.39	6.08	3.17	2.50	2.80	2.52	0.08	0.02	62.61
683	22.78	8.56	3.25	2.50	2.86	2.52	0.08	0.02	66.11
684	20.75	7.00	3.35	2.50	3.05	2.52	0.10	0.04	65.21
685	32.53	10.75	3.48	2.50	3.22	2.52	0.08	0.03	76.80
686	11.97	3.91	2.90	2.50	2.70	2.52	0.07	0.02	47.80
687	24.62	8.56	3.32	2.50	2.93	2.52	0.08	0.03	70.07
688	13.57	5.21	2.92	2.50	2.72	2.52	0.07	0.02	51.52
689	22.50	6.64	3.26	2.50	2.80	2.52	0.07	0.02	68.58
690	15.92	5.51	3.03	2.50	2.86	2.52	0.08	0.03	55.98
691	20.46	6.49	3.23	2.50	2.85	2.52	0.08	0.02	65.02
692	18.62	6.77	2.97	2.50	2.73	2.52	0.06	0.02	63.07
693	13.14	4.13	2.87	2.50	2.66	2.52	0.06	0.02	55.00
694	17.69	6.03	3.01	2.50	2.83	2.52	0.07	0.03	61.79
695	16.71	5.97	3.03	2.52	2.74	2.52	0.07	0.02	58.00
696	16.29	5.69	2.94	2.52	2.74	2.52	0.06	0.02	59.36
697	14.74	5.20	2.93	2.52	2.72	2.52	0.06	0.02	56.74
698	20.95	7.23	3.19	2.52	2.95	2.52	0.08	0.03	63.37
699	19.13	6.83	3.11	2.52	2.81	2.52	0.07	0.02	60.00
700	18.66	6.54	3.16	2.52	2.79	2.52	0.08	0.02	62.26

Station Location: Davis Point
Station ID: BD40
Sample Date: 9/28/01
Species: *MCAL caged*

Statistics

Mean	0.073136552
Standard Error	0.002242932
Median	0.074162679
Mode	#N/A
Standard Deviation	0.011214659
Sample Variance	0.000125769
Kurtosis	0.224592487
Skewness	0.506555627
Range	0.043759863
Minimum	0.056603774
Maximum	0.100363636
Sum	1.828413812
Count	25

dry wt. 0.92

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
701	27.99	10.04	3.75	2.50	3.39	2.50	0.12	0.05	67.80
702	14.50	5.14	3.15	2.50	2.90	2.51	0.11	0.04	52.56
703	25.27	7.06	3.70	2.50	3.13	2.51	0.10	0.03	71.42
704	12.10	4.82	3.11	2.50	2.76	2.51	0.12	0.03	53.06
705	18.01	6.09	3.54	2.50	3.07	2.51	0.13	0.05	62.01
706	14.10	4.95	3.30	2.50	3.03	2.51	0.14	0.06	53.68
707	23.04	8.39	3.78	2.50	3.44	2.51	0.15	0.06	65.65
708	14.28	6.43	3.11	2.50	2.91	2.51	0.13	0.05	56.35
709	13.15	4.89	3.27	2.50	3.02	2.51	0.15	0.06	54.19
710	18.68	6.78	3.54	2.50	3.13	2.51	0.14	0.05	62.28
711	18.29	5.64	3.43	2.48	2.92	2.51	0.11	0.03	59.70
712	20.18	8.79	3.54	2.48	2.87	2.51	0.12	0.03	60.75
713	17.80	6.66	3.46	2.48	3.00	2.51	0.13	0.04	58.10
714	19.14	7.25	3.58	2.48	3.04	2.51	0.14	0.04	60.64
715	13.09	4.86	3.23	2.48	2.94	2.51	0.14	0.05	56.54
716	24.53	8.06	3.70	2.48	3.25	2.51	0.12	0.04	69.74
717	14.62	5.79	3.22	2.48	2.85	2.51	0.12	0.04	54.31
718	24.26	7.60	3.82	2.48	3.16	2.51	0.12	0.04	64.27
719	12.25	4.99	3.09	2.48	2.83	2.51	0.13	0.04	53.17
720	19.04	6.35	3.57	2.48	2.99	2.51	0.12	0.04	62.94
721	19.22	6.69	3.26	2.54	3.10	2.51	0.10	0.05	61.16
722	25.80	9.17	3.94	2.54	3.24	2.51	0.13	0.04	68.28
723	18.01	6.47	3.47	2.54	3.19	2.51	0.14	0.06	59.52
724	31.40	10.63	3.84	2.47	3.65	2.51	0.12	0.05	68.37
725	19.39	7.06	3.50	2.46	3.23	2.51	0.14	0.06	59.37

Station Location: Alameda
Station ID: BB71
Sample Date: 9/26/01
Species: MCAL bagged

Statistics

Mean	0.127751776
Standard Error	0.002843667
Median	0.12808178
Mode	#N/A
Standard Deviation	0.014218334
Sample Variance	0.000202161
Kurtosis	-0.500219209
Skewness	-0.026164991
Range	0.055018595
Minimum	0.099945085
Maximum	0.15496368
Sum	3.193794403
Count	25

dry wt. 1.55

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
726	24.39	8.77	3.90	2.52	3.20	2.53	0.13	0.04	65.46
727	15.33	4.99	3.45	2.52	3.16	2.53	0.15	0.06	58.72
728	20.64	4.57	3.33	2.52	3.00	2.53	0.08	0.03	54.50
729	12.82	6.95	3.97	2.52	3.34	2.53	0.39	0.14	67.00
730	14.86	5.68	3.38	2.52	3.09	2.53	0.15	0.06	56.26
731	13.72	5.39	3.40	2.52	3.02	2.53	0.16	0.06	57.40
732	14.58	4.72	3.33	2.52	3.15	2.53	0.15	0.06	59.42
733	23.51	7.52	3.83	2.51	3.61	2.53	0.15	0.07	66.20
734	17.27	5.82	3.33	2.51	2.88	2.53	0.10	0.03	63.21
735	19.05	6.41	3.88	2.51	3.40	2.53	0.18	0.07	63.00
736	12.83	4.96	3.30	2.51	2.94	2.53	0.15	0.05	54.94
737	17.49	8.29	3.49	2.51	3.09	2.52	0.17	0.06	65.99
738	18.73	7.17	3.50	2.51	2.92	2.52	0.12	0.03	59.71
739	21.85	7.10	4.10	2.51	3.17	2.52	0.15	0.04	67.04
740	14.37	6.13	3.33	2.51	2.92	2.52	0.15	0.05	57.86
741	16.36	6.47	3.35	2.51	3.16	2.52	0.15	0.06	57.68
742	16.18	5.65	3.42	2.51	3.05	2.52	0.14	0.05	59.88
743	18.26	6.99	3.73	2.51	3.18	2.52	0.17	0.06	62.27
744	21.44	6.73	3.94	2.51	3.37	2.52	0.15	0.06	66.58
745	18.66	6.53	3.61	2.51	3.21	2.52	0.15	0.06	60.93
746	22.10	7.66	4.04	2.51	3.28	2.52	0.16	0.05	65.15
747	13.13	6.34	3.48	2.51	3.11	2.52	0.23	0.09	62.67
748	19.09	6.56	3.81	2.51	3.43	2.52	0.18	0.07	61.85
749	24.64	7.85	4.27	2.50	3.54	2.52	0.17	0.06	68.37
750	16.01	6.11	3.71	2.52	3.22	2.50	0.19	0.07	61.17

Station Location: Horseshoe Bay
Station ID: BC21
Sample Date: 9/21/01
Species: *MCAL caged*

Statistics

Mean	0.162446267
Standard Error	0.010870776
Median	0.152477764
Mode	#N/A
Standard Deviation	0.054353882
Sample Variance	0.002954345
Kurtosis	12.16184161
Skewness	2.943003987
Range	0.305356993
Minimum	0.079651525
Maximum	0.385008518
Sum	4.061156685
Count	25

dry wt. 1.78

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
751	12.88	4.02	2.83	2.49	2.58	2.49	0.05	0.01	53.16
752	23.12	7.63	3.22	2.49	2.90	2.49	0.07	0.03	67.29
753	15.70	6.06	3.02	2.47	2.73	2.49	0.08	0.02	57.59
754	22.65	7.09	3.33	2.47	2.94	2.49	0.08	0.03	66.07
755	18.21	6.60	2.96	2.47	2.74	2.49	0.06	0.02	61.99
756	25.47	9.47	3.38	2.47	2.98	2.49	0.09	0.03	66.26
757	13.06	5.90	2.90	2.47	2.73	2.49	0.09	0.03	53.18
758	24.72	7.78	3.38	2.47	3.01	2.49	0.08	0.03	69.07
759	10.50	4.22	2.81	2.47	2.66	2.49	0.08	0.03	50.40
760	19.58	7.12	3.12	2.47	2.96	2.49	0.09	0.04	61.38
761	13.67	4.97	2.94	2.47	2.79	2.49	0.09	0.03	53.47
762	19.65	7.07	3.06	2.47	2.77	2.49	0.07	0.02	60.41
763	10.68	3.72	2.70	2.48	2.59	2.49	0.05	0.01	48.42
764	16.23	5.07	2.91	2.48	2.77	2.49	0.06	0.03	58.92
765	13.26	5.13	2.94	2.48	2.78	2.49	0.09	0.04	54.33
766	11.72	3.27	2.77	2.48	2.64	2.49	0.05	0.02	56.50
767	15.91	5.89	2.93	2.48	2.84	2.49	0.08	0.03	57.99
768	15.58	4.96	2.80	2.48	2.72	2.49	0.05	0.02	55.88
769	19.13	7.08	2.95	2.48	2.83	2.53	0.06	0.02	60.89
770	17.70	6.92	3.00	2.48	2.82	2.53	0.08	0.03	58.04
771	14.21	4.64	2.96	2.48	2.79	2.53	0.08	0.03	58.40
772	11.50	3.64	2.81	2.53	2.69	2.53	0.06	0.02	53.60
773	16.51	5.10	2.86	2.53	2.72	2.53	0.05	0.02	58.72
774	13.66	4.92	2.90	2.54	2.73	2.53	0.06	0.02	56.04
775	17.45	6.18	3.02	2.46	2.73	2.53	0.07	0.02	59.52

Station Location: Napa River
Station ID: BD50
Sample Date: 9/28/01
Species: MCAL Bagged

<i>Statistics</i>	
Mean	0.071249388
Standard Error	0.003046131
Median	0.073595868
Mode	#N/A
Standard Deviation	0.015230656
Sample Variance	0.000231973
Kurtosis	-1.162653363
Skewness	-0.263853989
Range	0.048001361
Minimum	0.045574058
Maximum	0.093575419
Sum	1.781234712
Count	25

dry wt. 0.77

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
776	30.87	10.31	4.43	2.51	3.49	2.50	0.14	0.05	73.62
777	14.40	4.66	3.53	2.51	2.92	2.50	0.15	0.04	57.75
778	29.11	9.58	4.40	2.52	3.46	2.50	0.15	0.05	72.07
779	14.72	5.40	3.72	2.52	3.13	2.50	0.20	0.07	58.15
780	25.16	8.31	4.22	2.52	2.97	2.50	0.13	0.03	69.31
781	14.67	6.07	3.78	2.52	3.02	2.50	0.21	0.06	56.95
782	20.23	8.11	3.96	2.52	3.17	2.50	0.17	0.06	66.19
783	15.04	4.97	3.41	2.52	2.79	2.50	0.12	0.03	59.15
784	16.30	5.61	3.73	2.52	2.88	2.50	0.15	0.04	56.44
785	29.19	9.47	4.65	2.52	3.13	2.50	0.14	0.03	71.88
786	14.90	5.16	3.64	2.52	2.94	2.50	0.16	0.05	55.15
787	20.12	6.32	3.80	2.52	3.23	2.50	0.15	0.05	63.81
788	19.25	6.79	4.07	2.52	3.33	2.50	0.19	0.07	60.93
789	20.20	7.79	3.82	2.52	2.90	2.49	0.14	0.03	63.10
790	15.63	5.27	3.71	2.52	3.01	2.49	0.17	0.05	68.96
791	20.56	5.83	3.95	2.52	3.02	2.49	0.13	0.04	67.71
792	17.40	6.54	3.63	2.52	2.86	2.49	0.14	0.03	61.56
793	19.69	5.81	3.90	2.52	2.89	2.49	0.13	0.03	65.36
794	17.63	6.57	3.76	2.52	3.07	2.49	0.16	0.05	57.70
795	19.50	6.35	4.13	2.52	3.10	2.49	0.17	0.05	62.14
796	18.52	6.19	3.90	2.50	2.90	2.49	0.15	0.03	60.01
797	19.44	6.28	4.13	2.50	3.23	2.49	0.18	0.06	61.78
798	15.89	5.88	4.08	2.50	3.12	2.49	0.22	0.06	61.27
799	22.89	8.67	3.96	2.50	2.95	2.49	0.14	0.03	63.45
800									

Station Location: Bodega Head
Station ID:
Sample Date: 10/19/01
Species: T-1 MCAL

Statistics

Mean	0.156675278
Standard Error	0.005463529
Median	0.147320187
Mode	#N/A
Standard Deviation	0.026765716
Sample Variance	0.000716404
Kurtosis	0.116791612
Skewness	0.882528339
Range	0.103599479
Minimum	0.117179742
Maximum	0.220779221
Sum	3.760206662
Count	24

dry wt. 1.98

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
801	30.13	16.00	4.96	2.51			0.17	0.00	95.35
802	19.71	11.24	4.57	2.51			0.24	0.00	67.70
803	23.30	8.10	4.98	2.51			0.16	0.00	82.87
804	20.81	8.15	4.23	2.51			0.14	0.00	66.80
805	30.40	12.80	5.25	2.51			0.16	0.00	75.99
806	29.43	13.69	4.64	2.51			0.14	0.00	87.40
807	31.27	12.24	4.96	2.51			0.13	0.00	76.65
808	40.43	17.61	5.81	2.51			0.14	0.00	83.96
809	26.97	12.49	4.91	2.51			0.17	0.00	78.33
810	28.00	11.68	5.25	2.51			0.17	0.00	84.88
811	29.92	12.19	6.06	2.51			0.20	0.00	70.93
812	21.99	9.57	4.15	2.51			0.13	0.00	74.38
813	20.97	8.95	4.64	2.51			0.18	0.00	72.44
814	32.01	14.20	5.87	2.51			0.19	0.00	85.64
815	22.90	9.95	4.76	2.51			0.17	0.00	74.20
816	33.51	13.49	6.05	2.51			0.18	0.00	88.10
817	23.08	10.60	4.83	2.51			0.19	0.00	70.74
818	29.09	10.85	5.31	2.51			0.15	0.00	87.58
819	22.62	10.91	4.55	2.51			0.17	0.00	68.19
820	31.92	12.26	5.36	2.51			0.14	0.00	84.03
821	20.85	9.25	4.46	2.51			0.17	0.00	67.20
822	32.30	12.97	5.46	2.51			0.15	0.00	77.67
823	19.26	8.43	4.39	2.51			0.17	0.00	68.90
824	25.94	9.76	4.99	2.51			0.15	0.00	81.53
825	24.51	11.23	4.61	2.51			0.16	0.00	70.84

Station Location: T-1
Station ID:
Sample Date: 10/1/01
Species: CGIG

Statistics

Mean	0.165038346
Standard Error	0.004912175
Median	0.165745856
Mode	#N/A
Standard Deviation	0.024560873
Sample Variance	0.000603236
Kurtosis	3.097159962
Skewness	1.198299356
Range	0.114467246
Minimum	0.128744088
Maximum	0.243211334
Sum	4.125958652
Count	25

dry wt. 2.49

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
826	4.27	1.83	2.58	2.47			0.05	0.00	
827	5.07	2.19	2.66	2.52			0.05	0.00	
828	3.46	1.82	2.57	2.52			0.03	0.00	
829	4.78	2.08	2.64	2.52			0.04	0.00	
830	6.12	3.40	2.63	2.52			0.04	0.00	
831	3.87	1.56	2.58	2.52			0.03	0.00	
832	4.06	1.60	2.64	2.52			0.05	0.00	
833	4.24	1.78	2.64	2.52			0.05	0.00	
834	3.95	2.00	2.59	2.52			0.04	0.00	
835	3.97	1.75	2.65	2.52			0.06	0.00	
836	3.55	1.53	2.60	2.52			0.04	0.00	
837	7.01	3.67	2.77	2.52			0.07	0.00	
838	4.22	1.82	2.65	2.52			0.05	0.00	
839	6.26	2.53	2.63	2.54			0.02	0.00	
840	3.58	1.78	2.64	2.54			0.06	0.00	
841	4.47	1.85	2.66	2.54			0.05	0.00	
842	4.01	1.74	2.60	2.48			0.05	0.00	
843	4.20	1.68	2.59	2.48			0.04	0.00	
844	3.89	1.65	2.57	2.48			0.04	0.00	
845	4.72	2.16	2.55	2.48			0.03	0.00	
846	4.09	1.80	2.57	2.48			0.04	0.00	
847	4.61	2.02	2.60	2.48			0.05	0.00	
848	4.53	2.08	2.67	2.48			0.08	0.00	
849	1.52	0.56	2.51	2.46			0.05	0.00	
850	3.10	1.24	2.51	2.46			0.03	0.00	

Station Location: Sacramento River
Station ID: BG20
Sample Date: 9/30/01
Species: CFLU

Statistics

Mean	0.045094007
Standard Error	0.002684695
Median	0.045081967
Mode	#N/A
Standard Deviation	0.013423473
Sample Variance	0.00018019
Kurtosis	0.778525927
Skewness	0.627521651
Range	0.053422334
Minimum	0.024128686
Maximum	0.07755102
Sum	1.127350177
Count	25

dry wt. 0.11

Bivalve Condition Index Summer 2001

No.	Sealed shell vol. (ml)	Open shell vol. (ml)	Dry Flesh Weight (g)	DFW Tare (g)	Gonad DFW (g)	Gonad Tare (g)	Condition Index	Gonad Index	Shell Length (mm)
851	3.51	1.57	2.68	2.53			0.08	0.00	
852	3.64	1.79	2.62	2.53			0.05	0.00	
853	3.40	1.44	2.65	2.53			0.06	0.00	
854	4.72	2.13	2.64	2.53			0.04	0.00	
855	3.12	1.18	2.71	2.53			0.09	0.00	
856	4.06	1.24	2.68	2.53			0.05	0.00	
857	4.09	1.86	2.63	2.53			0.04	0.00	
858	5.15	2.50	2.70	2.53			0.06	0.00	
859	5.45	2.37	2.73	2.53			0.06	0.00	
860	5.72	2.75	2.67	2.53			0.05	0.00	
861	3.45	1.86	2.60	2.53			0.04	0.00	
862	6.91	3.06	2.72	2.53			0.05	0.00	
863	3.89	1.80	2.62	2.53			0.04	0.00	
864	4.97	2.10	2.63	2.47			0.06	0.00	
865	4.23	1.41	2.64	2.47			0.06	0.00	
866	8.96	3.54	2.58	2.47			0.02	0.00	
867	3.44	1.56	2.57	2.47			0.05	0.00	
868	4.56	2.47	2.62	2.47			0.07	0.00	
869	4.17	1.58	2.59	2.47			0.05	0.00	
870	5.94	2.80	2.60	2.47			0.04	0.00	
871	4.50	1.81	2.59	2.47			0.04	0.00	
872	6.76	2.61	2.68	2.47			0.05	0.00	
873	4.00	1.89	2.60	2.47			0.06	0.00	
874	7.06	3.30	2.65	2.47			0.05	0.00	
875	3.46	1.44	2.58	2.47			0.05	0.00	

Station Location: San Joaquin River
Station ID: BG30
Sample Date: 9/30/01
Species: CFLU

Statistics

Mean	0.053652731
Standard Error	0.002817086
Median	0.05060241
Mode	#N/A
Standard Deviation	0.01408543
Sample Variance	0.000198399
Kurtosis	2.188333969
Skewness	0.615850563
Range	0.072488302
Minimum	0.020295203
Maximum	0.092783505
Sum	1.341318275
Count	25

dry wt. 0.14