



**SEDIMENT CHEMISTRY, TOXICITY, AND BENTHIC
COMMUNITY CONDITIONS IN SELECTED
WATER BODIES OF THE LOS ANGELES REGION**

APPENDIX E

**California State Water Resources Control Board
Division of Water Quality
Bay Protection and Toxic Cleanup Program**

**California Regional Water Quality Control Board
Los Angeles Region**

**California Department of Fish and Game
Marine Pollution Studies Laboratory**

**University of California, Santa Cruz
Institute of Marine Sciences**

**San Jose State University
Moss Landing Marine Laboratories**

August 1998

Section 1

Rhepoxynius abronius Survival in Sediment

Appendix E
Toxicity Test Data

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
40001.1	SOUTHWEST SLIP	1	7/29/92	1.0	-9	-9	-9	65.00	28.90	*	NT	-9.000	0.002
40001.2	SOUTHWEST SLIP	2	7/29/92	1.0	-9	-9	-9	51.00	17.80	*	T	-9.000	0.002
40001.3	SOUTHWEST SLIP	3	7/29/92	1.0	-9	-9	-9	71.00	13.40	*	NT	-9.000	0.002
40002.1	WEST BASIN- PIER 143	4	7/30/92	1.0	-9	-9	-9	75.00	13.90	*	NT	-9.000	0.002
40002.2	WEST BASIN- PIER 143	5	7/30/92	1.0	-9	-9	-9	78.00	13.00	*	NT	-9.000	0.002
40002.3	WEST BASIN- PIER 143	6	7/30/92	1.0	-9	-9	-9	74.00	10.80	*	NT	-9.000	0.002
40003.1	TURNING BASIN- PIER 151	7	7/31/92	1.0	-9	-9	-9	64.00	16.40	*	NT	-9.000	0.026
40003.2	TURNING BASIN- PIER 151	8	7/31/92	1.0	-9	-9	-9	63.00	29.90	*	NT	-9.000	0.006
40003.3	TURNING BASIN- PIER 151	9	7/31/92	1.0	-9	-9	-9	81.00	9.60	*	NT	-9.000	0.005
40004.1	LOWER MAIN CHANNEL	10	7/29/92	1.0	-9	-9	-9	78.00	6.70	*	NT	-9.000	0.010
40004.2	LOWER MAIN CHANNEL	11	7/29/92	1.0	-9	-9	-9	80.00	7.90	*	NT	-9.000	0.009
40004.3	LOWER MAIN CHANNEL	12	7/29/92	1.0	-9	-9	-9	81.00	9.60	*	NT	-9.000	0.006
40005.1	EAST BASIN- TURNING BASIN	13	7/30/92	1.0	-9	-9	-9	74.00	11.90	*	NT	-9.000	0.011
40005.2	EAST BASIN- TURNING BASIN	14	7/30/92	1.0	-9	-9	-9	73.00	7.60	*	NT	-9.000	0.032
40005.3	EAST BASIN- TURNING BASIN	15	7/30/92	1.0	-9	-9	-9	79.00	15.60	ns	NT	-9.000	0.007
40006.1	CONSOLIDATED SLIP	16	7/31/92	1.0	-9	-9	-9	58.00	17.20	*	T	-9.000	0.059
40006.2	CONSOLIDATED SLIP	17	7/31/92	1.0	-9	-9	-9	59.00	16.40	*	T	-9.000	0.441
40006.3	CONSOLIDATED SLIP	18	7/31/92	1.0	-9	-9	-9	67.00	11.50	*	NT	-9.000	0.044
40032.1	SAN PEDRO BAY- POLA 19	79	7/30/92	1.0	-9	-9	-9	86.00	4.20	*	NT	-9.000	0.007
40032.2	SAN PEDRO BAY- POLA 19	80	7/30/92	1.0	-9	-9	-9	85.00	9.40	ns	NT	-9.000	0.013
40032.3	SAN PEDRO BAY- POLA 19	81	7/30/92	1.0	-9	-9	-9	93.00	2.70	ns	NT	-9.000	0.014
40033.1	OUTER HARBOR- POLA 10	82	7/30/92	1.0	-9	-9	-9	71.00	20.40	*	NT	-9.000	0.033
40033.2	OUTER HARBOR- POLA 10	83	7/30/92	1.0	-9	-9	-9	70.00	21.80	*	NT	-9.000	0.012
40033.3	OUTER HARBOR- POLA 10	84	7/30/92	1.0	-9	-9	-9	65.00	17.30	*	NT	-9.000	0.009
40008.1	EAST BASIN- PIER C	22	8/18/92	2.0	-9	-9	-9	80.00	16.20	ns	NT	-9.000	0.012
40008.2	EAST BASIN- PIER C	23	8/18/92	2.0	-9	-9	-9	78.00	11.50	*	NT	-9.000	0.004
40008.3	EAST BASIN- PIER C	24	8/18/92	2.0	-9	-9	-9	76.00	8.90	*	NT	-9.000	0.008
40009.1	WEST BASIN ENTRANCE	25	8/18/92	2.0	-9	-9	-9	88.00	5.70	ns	NT	-9.000	0.004
40009.2	WEST BASIN ENTRANCE	26	8/18/92	2.0	-9	-9	-9	81.00	2.20	*	NT	-9.000	0.004
40009.3	WEST BASIN ENTRANCE	27	8/18/92	2.0	-9	-9	-9	87.00	5.70	ns	NT	-9.000	0.005
40010.1	OFF CABRILLO BEACH	28	8/18/92	2.0	-9	-9	-9	92.00	7.60	ns	NT	-9.000	0.004
40010.2	OFF CABRILLO BEACH	29	8/18/92	2.0	-9	-9	-9	88.00	9.10	ns	NT	-9.000	0.006
40010.3	OFF CABRILLO BEACH	30	8/18/92	2.0	-9	-9	-9	91.00	9.60	ns	NT	-9.000	0.006
40012.1	SOUTHEAST BASIN	34	8/18/92	2.0	-9	-9	-9	77.00	14.00	*	NT	-9.000	0.018
40012.2	SOUTHEAST BASIN	35	8/18/92	2.0	-9	-9	-9	78.00	13.50	*	NT	-9.000	0.003
40012.3	SOUTHEAST BASIN	36	8/18/92	2.0	-9	-9	-9	69.00	16.40	*	NT	-9.000	0.006
40015.1	FISH HARBOR ENTRANCE	43	8/19/92	2.0	-9	-9	-9	83.00	5.00	*	NT	-9.000	0.009
40015.2	FISH HARBOR ENTRANCE	44	8/19/92	2.0	-9	-9	-9	83.00	7.60	*	NT	-9.000	0.004

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
40015.3	FISH HARBOR ENTRANCE	45	8/19/92	2.0	-9	-9	-9	92.00	7.60	ns	NT	-9.000	0.008
40016.1	TERMINAL ISLAND STP	46	8/18/92	2.0	-9	-9	-9	72.00	5.70	*	NT	-9.000	0.006
40016.2	TERMINAL ISLAND STP	47	8/18/92	2.0	-9	-9	-9	88.00	8.40	ns	NT	-9.000	0.007
40016.3	TERMINAL ISLAND STP	48	8/18/92	2.0	-9	-9	-9	80.00	12.70	*	NT	-9.000	0.003
40019.1	INNER FISH HARBOR	55	8/19/92	2.0	-9	-9	-9	83.00	18.90	ns	NT	-9.000	0.092
40019.2	INNER FISH HARBOR	56	8/19/92	2.0	-9	-9	-9	73.00	4.50	*	NT	-9.000	0.006
40019.3	INNER FISH HARBOR	57	8/19/92	2.0	-9	-9	-9	54.00	21.00	*	T	-9.000	0.010
40030.1	SAN PEDRO BREAKWATER	73	8/19/92	2.0	-9	-9	-9	90.00	3.50	ns	NT	-9.000	0.084
40030.2	SAN PEDRO BREAKWATER	74	8/19/92	2.0	-9	-9	-9	94.00	6.50	ns	NT	-9.000	0.050
40030.3	SAN PEDRO BREAKWATER	75	8/19/92	2.0	-9	-9	-9	95.00	6.10	ns	NT	-9.000	0.075
40032.1	SAN PEDRO BAY- POLA 19	103	8/19/92	2.0	-9	-9	-9	94.00	5.50	ns	NT	-9.000	0.005
40032.2	SAN PEDRO BAY- POLA 19	104	8/19/92	2.0	-9	-9	-9	94.00	5.50	ns	NT	-9.000	0.015
40032.3	SAN PEDRO BAY- POLA 19	105	8/19/92	2.0	-9	-9	-9	86.00	15.20	ns	NT	-9.000	0.031
40007.1	LONG BEACH HARBOR- CHANNEL 2	19	9/1/92	3.0	-9	-9	-9	82.00	10.40	*	NT	-9.000	0.016
40007.2	LONG BEACH HARBOR- CHANNEL 2	20	9/1/92	3.0	-9	-9	-9	88.00	11.50	ns	NT	-9.000	0.026
40007.3	LONG BEACH HARBOR- CHANNEL 2	21	9/1/92	3.0	-9	-9	-9	78.00	14.40	*	NT	-9.000	0.026
40011.1	INNER HARBOR- CHANNEL 3	31	9/1/92	3.0	-9	-9	-9	85.00	6.90	ns	NT	-9.000	0.015
40011.2	INNER HARBOR- CHANNEL 3	32	9/1/92	3.0	-9	-9	-9	84.00	5.30	ns	NT	-9.000	0.014
40011.3	INNER HARBOR- CHANNEL 3	33	9/1/92	3.0	-9	-9	-9	82.00	2.50	*	NT	-9.000	0.024
40013.1	INNER QUEENSWAY BAY	37	9/2/92	3.0	-9	-9	-9	83.00	13.00	ns	NT	-9.000	0.028
40013.2	INNER QUEENSWAY BAY	38	9/2/92	3.0	-9	-9	-9	84.00	6.50	*	NT	-9.000	0.026
40013.3	INNER QUEENSWAY BAY	39	9/2/92	3.0	-9	-9	-9	81.00	10.80	*	NT	-9.000	0.045
40014.1	OUTER QUEENSWAY BAY	40	9/2/92	3.0	-9	-9	-9	78.00	10.40	*	NT	-9.000	0.025
40014.2	OUTER QUEENSWAY BAY	41	9/2/92	3.0	-9	-9	-9	80.00	14.60	*	NT	-9.000	0.036
40014.3	OUTER QUEENSWAY BAY	42	9/2/92	3.0	-9	-9	-9	64.00	36.30	ns	NT	-9.000	0.138
40017.1	LONG BEACH CHANNEL	49	9/2/92	3.0	-9	-9	-9	76.00	11.40	*	NT	-9.000	0.017
40017.2	LONG BEACH CHANNEL	50	9/2/92	3.0	-9	-9	-9	82.00	9.70	*	NT	-9.000	0.012
40017.3	LONG BEACH CHANNEL	51	9/2/92	3.0	-9	-9	-9	88.00	8.40	ns	NT	-9.000	0.018
40018.1	LONG BEACH OUTER HARBOR- 18	52	9/2/92	3.0	-9	-9	-9	67.00	14.40	*	T	-9.000	0.002
40018.2	LONG BEACH OUTER HARBOR- 18	53	9/2/92	3.0	-9	-9	-9	79.00	11.40	*	NT	-9.000	0.024
40018.3	LONG BEACH OUTER HARBOR- 18	54	9/2/92	3.0	-9	-9	-9	93.00	4.50	ns	NT	-9.000	0.013
40020.1	LONG BEACH OUTER HARBOR- 20	58	9/2/92	3.0	-9	-9	-9	83.00	7.60	*	NT	-9.000	0.024
40020.2	LONG BEACH OUTER HARBOR- 20	59	9/2/92	3.0	-9	-9	-9	92.00	11.00	ns	NT	-9.000	0.015
40020.3	LONG BEACH OUTER HARBOR- 20	60	9/2/92	3.0	-9	-9	-9	84.00	9.60	*	NT	-9.000	0.005
40031.1	PALOS VERDES- SWARTZ 6	76	9/1/92	3.0	-9	-9	-9	86.00	7.40	ns	NT	-9.000	0.031
40031.2	PALOS VERDES- SWARTZ 6	77	9/1/92	3.0	-9	-9	-9	93.00	7.60	ns	NT	-9.000	0.017
40031.3	PALOS VERDES- SWARTZ 6	78	9/1/92	3.0	-9	-9	-9	96.00	2.20	ns	NT	-9.000	0.025

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STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
40021.1	ALAMITOS BAY- MARINE STADIUM	61	9/16/92	4.0	-9	-9	-9	75.00	11.70	*	NT	-9.000	0.019
40021.2	ALAMITOS BAY- MARINE STADIUM	62	9/16/92	4.0	-9	-9	-9	77.00	16.00	*	NT	-9.000	0.028
40021.3	ALAMITOS BAY- MARINE STADIUM	63	9/16/92	4.0	-9	-9	-9	71.00	12.90	*	NT	-9.000	0.017
40022.1	ALAMITOS BAY- ENTRANCE	64	9/15/92	4.0	-9	-9	-9	92.00	2.70	ns	NT	-9.000	0.074
40022.2	ALAMITOS BAY- ENTRANCE	65	9/15/92	4.0	-9	-9	-9	92.00	7.60	ns	NT	-9.000	0.014
40022.3	ALAMITOS BAY- ENTRANCE	66	9/15/92	4.0	-9	-9	-9	81.00	7.40	*	NT	-9.000	0.012
40023.1	ALAMITOS BAY- LONG BEACH	67	9/16/92	4.0	-9	-9	-9	81.00	18.20	ns	NT	-9.000	0.109
40023.2	ALAMITOS BAY- LONG BEACH	68	9/16/92	4.0	-9	-9	-9	79.00	12.90	*	NT	-9.000	0.101
40023.3	ALAMITOS BAY- LONG BEACH	69	9/16/92	4.0	-9	-9	-9	91.00	10.20	ns	NT	-9.000	0.086
40010.1	OFF CABRILLO BEACH	136	9/16/92	4.0	-9	-9	-9	89.00	14.30	ns	NT	-9.000	0.253
40010.2	OFF CABRILLO BEACH	137	9/16/92	4.0	-9	-9	-9	89.00	5.50	ns	NT	-9.000	0.005
40010.3	OFF CABRILLO BEACH	138	9/16/92	4.0	-9	-9	-9	84.00	5.50	*	NT	-9.000	0.003
44011.0	LOS CERRITOS CHNL TIDAL P	611	1/14/93	11.0	-9	-9	-9	65.00	19.40	*	T	-9.000	0.041
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9	-9	70.00	15.40	*	T	-9.000	0.039
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9	-9	73.00	11.50	*	T	-9.000	0.031
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9	-9	53.00	11.00	*	T	-9.000	0.011
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9	-9	28.00	9.10	*	T	-9.000	0.014
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9	-9	67.00	8.40	*	T	-9.000	0.003
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9	-9	48.00	13.50	*	T	-9.000	0.010
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9	-9	49.00	12.40	*	T	-9.000	0.424
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9	-9	16.00	11.90	*	T	-9.000	0.280
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9	-9	68.00	16.00	*	T	-9.000	0.126
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9	-9	64.00	9.60	*	T	-9.000	0.105
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9	-9	35.00	15.00	*	T	-9.000	0.129
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9	-9	-9	14.00	17.80	*	T	-9.000	0.996
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	-9	-9	CD	68.00	18.20	*	T	-9.000	0.040
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	-9	-9	CD	60.00	18.40	*	T	-9.000	0.014
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	-9	-9	CD	50.00	19.00	*	T	-9.000	0.057
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	-9	-9	CD	75.00	21.50	ns	NT	-9.000	0.031
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	-9	-9	CD	63.00	28.00	*	T	-9.000	0.019

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STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	-9	-9	-9	58.00	11.00	*	T	-9.000	0.025
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	-9	-9	-9	54.00	26.30	*	T	-9.000	0.015
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	-9	-9	-9	34.00	21.00	*	T	-9.000	0.012
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	-9	-9	-9	91.00	4.00	ns	NT	-9.000	0.160
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	-9	-9	-9	91.00	12.00	ns	NT	-9.000	0.333
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	-9	-9	-9	93.00	8.00	ns	NT	-9.000	0.046
40009.1	WEST BASIN ENTRANCE-REF 1	834	6/17/93	20.0	-9	-9	-9	97.00	4.00	ns	NT	-9.000	0.110
40009.1	WEST BASIN ENTRANCE-REF 2	835	6/17/93	20.0	-9	-9	-9	86.00	10.00	ns	NT	-9.000	0.144
40009.1	WEST BASIN ENTRANCE-REF 3	836	6/17/93	20.0	-9	-9	-9	91.00	7.00	ns	NT	-9.000	0.064
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	-9	-9	-9	93.00	7.00	ns	NT	-9.000	0.024
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	-9	-9	-9	91.00	5.00	ns	NT	-9.000	0.013
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	-9	-9	-9	89.00	4.00	*	NT	-9.000	0.030
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	-9	-9	-9	97.00	4.00	ns	NT	-9.000	0.043
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	-9	-9	-9	91.00	7.00	ns	NT	-9.000	0.070
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	-9	-9	-9	89.00	10.00	ns	NT	-9.000	0.033
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	-9	-9	-9	91.00	11.00	ns	NT	-9.000	0.057
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	-9	-9	-9	68.00	10.00	*	NT	-9.000	0.049
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	-9	-9	-9	90.00	7.00	ns	NT	-9.000	0.061
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	-9	-9	-9	69.00	10.00	*	NT	-9.000	0.033
	CONTROL-CH3			25.0	CH3	toxmeta.wpd	-9	95.00	6.12	-9	-9	0.140	-8.000
	CONTROL-CH2			25.0	CH2	toxmeta.wpd	-9	97.00	2.74	-9	-9	0.190	0.006
	CONTROL-CH1			25.0	CH1	toxmeta.wpd	-9	97.00	6.71	-9	-9	0.160	0.004
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	SAM	toxmeta.wpd	-9	70.00	11.73	*	T	0.220	0.006
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	FR	toxmeta.wpd	-9	87.00	8.37	*	NT	0.510	0.007
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	FR	toxmeta.wpd	-9	85.00	14.58	ns	NT	0.330	0.008
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	SAM	toxmeta.wpd	-9	56.00	15.97	*	T	0.120	0.003
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	FR	toxmeta.wpd	-9	70.00	10.61	*	T	0.110	0.002
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	FR	toxmeta.wpd	-9	72.00	13.04	*	T	0.150	0.004
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	SAM	toxmeta.wpd	-9	39.00	15.17	*	T	0.380	0.012
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	FR	toxmeta.wpd	-9	51.00	15.17	*	T	0.390	0.013
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	FR	toxmeta.wpd	-9	66.00	4.18	*	T	0.260	0.010
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	SAM	toxmeta.wpd	-9	62.00	21.68	*	T	0.750	0.012
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	FR	toxmeta.wpd	-9	65.00	9.35	*	T	0.900	0.056
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	FR	toxmeta.wpd	-9	80.00	11.18	*	NT	0.950	0.023
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	SAM	toxmeta.wpd	-9	85.00	10.00	*	NT	0.000	0.000
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	FR	toxmeta.wpd	-9	91.00	6.52	ns	NT	0.180	0.001
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	FR	toxmeta.wpd	-9	82.00	12.55	*	NT	0.360	0.006

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	SAM	toxmeta.wpd	-9	83.00	8.37	*	NT	1.100	0.024
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	FR	toxmeta.wpd	-9	76.00	9.62	*	NT	3.400	0.088
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	FR	toxmeta.wpd	-9	71.00	11.40	*	T	4.200	0.086
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	SAM	toxmeta.wpd	-9	71.00	10.84	*	T	0.380	0.010
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	FR	toxmeta.wpd	-9	47.00	17.89	*	T	0.350	0.007
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	FR	toxmeta.wpd	-9	61.00	8.22	*	T	0.330	0.008
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	SAM	toxmeta.wpd	-9	69.00	12.45	*	T	0.360	0.009
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	FR	toxmeta.wpd	-9	72.00	7.58	*	T	0.360	0.007
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	FR	toxmeta.wpd	-9	58.00	15.25	*	T	0.480	0.054
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	SAM	toxmeta.wpd	-9	32.00	27.97	*	T	0.500	0.009
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	FR	toxmeta.wpd	-9	59.00	22.75	*	T	0.530	0.017
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	FR	toxmeta.wpd	-9	73.00	12.04	*	NT	0.470	0.014
	CONTROL-CH1			26.0	CH1	toxmeta.wpd	-9	92.50	5.00	-9	-9	1.200	0.016
	CONTROL-CH3			26.0	CH3	toxmeta.wpd	-9	96.00	4.18	-9	-9	1.200	0.015
	CONTROL-CH2			26.0	CH2	toxmeta.wpd	-9	97.00	2.74	-9	-9	1.000	0.015
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	SAM	toxmeta.wpd	-9	80.00	16.96	*	NT	0.390	0.006
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	FR	toxmeta.wpd	-9	48.00	11.51	*	T	0.490	0.011
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	FR	toxmeta.wpd	-9	46.00	16.36	*	T	0.320	0.005
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	SAM	toxmeta.wpd	-9	78.00	13.04	*	NT	0.330	0.003
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	FR	toxmeta.wpd	-9	63.00	14.83	*	T	0.990	0.015
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	FR	toxmeta.wpd	-9	72.00	14.83	*	NT	1.400	0.022
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	SAM	toxmeta.wpd	-9	60.00	14.14	*	T	1.600	0.027
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	FR	toxmeta.wpd	-9	64.00	15.57	*	T	2.200	0.036
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	FR	toxmeta.wpd	-9	48.00	18.91	*	T	2.300	0.029
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	SAM	toxmeta.wpd	-9	66.00	14.75	*	NT	9.600	0.185
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	FR	toxmeta.wpd	-9	62.00	18.23	*	T	7.300	0.128
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	FR	toxmeta.wpd	-9	62.00	17.54	*	T	5.300	0.091
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	SAM	toxmeta.wpd	-9	32.00	14.40	*	T	0.430	0.006
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	FR	toxmeta.wpd	-9	42.00	16.43	*	T	2.700	0.040
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	FR	toxmeta.wpd	-9	35.00	18.03	*	T	0.340	0.004
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	SAM	toxmeta.wpd	-9	54.00	14.75	*	T	8.500	0.187
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	FR	toxmeta.wpd	-9	60.00	16.83	*	T	8.300	0.261
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	FR	toxmeta.wpd	-9	42.00	11.51	*	T	7.800	0.281
	CONTROL-CH1			30.0	CH1	toxmeta.wpd	-9	96.00	4.18	-9	-9	-8.000	-8.000
	CONTROL-CH2			30.0	CH2	toxmeta.wpd	-9	95.00	6.12	-9	-9	-8.000	-8.000
	CONTROL-CH3			30.0	CH3	toxmeta.wpd	-9	97.00	4.47	-9	-9	-8.000	-8.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	SAM	toxmeta.wpd	-9	86.00	12.94	ns	NT	1.300	0.031

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	FR	toxmeta.wpd	-9	86.00	6.52	*	NT	0.270	0.007
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	FR	toxmeta.wpd	-9	91.00	11.94	ns	NT	0.290	0.012
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	SAM	toxmeta.wpd	-9	88.00	7.58	*	NT	0.300	0.008
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	FR	toxmeta.wpd	-9	89.00	5.48	*	NT	0.300	0.009
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	FR	toxmeta.wpd	-9	81.00	12.45	*	NT	0.290	0.008
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	SAM	toxmeta.wpd	-9	77.00	13.51	*	NT	0.300	0.008
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	FR	toxmeta.wpd	-9	86.00	6.52	*	NT	0.350	0.012
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	FR	toxmeta.wpd	-9	82.00	2.74	*	NT	0.350	0.009
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	SAM	toxmeta.wpd	-9	80.00	11.73	*	NT	4.900	0.197
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	FR	toxmeta.wpd	-9	78.00	10.95	*	NT	3.300	0.102
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	FR	toxmeta.wpd	-9	82.00	5.70	*	NT	3.100	0.109
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	SAM	toxmeta.wpd	-9	72.00	13.51	*	NT	2.500	0.117
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	FR	toxmeta.wpd	-9	75.00	21.79	ns	NT	4.600	0.169
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	FR	toxmeta.wpd	-9	62.00	15.65	*	T	1.100	0.063
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	SAM	toxmeta.wpd	-9	51.00	5.48	*	T	2.700	0.089
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	FR	toxmeta.wpd	-9	69.00	6.52	*	T	3.700	0.097
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	FR	toxmeta.wpd	-9	78.00	9.08	*	NT	4.900	0.129
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	SAM	toxmeta.wpd	-9	61.00	14.32	*	T	5.500	0.185
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	FR	toxmeta.wpd	-9	61.00	18.17	*	T	7.500	0.202
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	FR	toxmeta.wpd	-9	47.00	13.04	*	T	6.700	0.197
	CONTROL-CH2			32.0	CH2	toxmeta.wpd	-9	99.00	2.24	-9	-9	0.120	0.002
	CONTROL-CH3			32.0	CH3	toxmeta.wpd	-9	100.00	0.00	-9	-9	0.110	0.003
	CONTROL-CH1			32.0	CH1	toxmeta.wpd	-9	96.00	8.94	-9	-9	-8.000	-8.000
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	SAM	toxmeta.wpd	-9	92.00	2.74	ns	NT	0.250	0.009
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	SAM	toxmeta.wpd	-9	82.50	10.41	*	NT	0.330	0.012
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	SAM	toxmeta.wpd	-9	91.00	5.48	ns	NT	0.190	0.006
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	SAM	toxmeta.wpd	-9	90.00	10.00	ns	NT	0.260	0.007
	CONTROL-C1			45.0	C1	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
	CONTROL-C2			45.0	C2	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
44014.0	MARINA DEL REY	1630	6/19/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
	CONTROL-C1			46.0	C1	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47001.0	CONSOLIDATED SLIP-198-SURFACE	1647	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47001.0	CONSOLIDATED SLIP-198-DEPTH 2	1648	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47002.0	CONSOLIDATED SLIP-200-SURFACE	1650	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47002.0	CONSOLIDATED SLIP-200-DEPTH 2	1651	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47003.0	CONSOLIDATED SLIP-200B-SURFACE	1653	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47003.0	CONSOLIDATED SLIP-200B-DEPTH 2	1654	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47004.0	CONSOLIDATED SLIP-200E-SURFACE	1656	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47004.0	CONSOLIDATED SLIP-200E-DEPTH 2	1657	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47005.0	CONSOLIDATED SLIP-200T-SURFACE	1659	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47005.0	CONSOLIDATED SLIP-200T-DEPTH 2	1660	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47005.0	CONSOLIDATED SLIP-200T-DEPTH 3	1661	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47006.0	CONSOLIDATED SLIP-END-SURFACE	1662	7/18/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47006.0	CONSOLIDATED SLIP-STORM DRAIN	1663	7/18/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47006.0	CONSOLIDATED SLIP-200G-SURFACE	1664	7/18/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47007.0	DOMINGUEZ-H. FORD BRIDGE-SURFC	1665	7/18/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
	CONTROL-C1			48.0	C1	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48001.0	MARINA DEL REY - A1 (X1)	1686	2/5/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48002.0	MARINA DEL REY - A2 (X2)	1687	2/5/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48003.0	MARINA DEL REY - B1 (X1)	1688	2/5/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48004.0	MARINA DEL REY - B2 (X1)	1689	2/5/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48005.0	MARINA DEL REY - C1 (X1)	1690	2/5/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48006.0	SHORELINE MARINA A1 (X1)	1691	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48007.0	SHORELINE MARINA B1 (X1)	1692	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48008.0	SHORELINE MARINA C1 (X1)	1693	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48009.0	SAN PEDRO BAY OUTER HARBOR	1694	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40018.3	LONG BEACH OUTER HARBOR - 18	1695	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40020.2	LONG BEACH OUTER HARBOR - 20	1696	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48010.0	TURNING BASIN	1697	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40015.1	FISH HARBOR ENTRANCE	1698	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40009.0	WEST BASIN ENTRANCE	1699	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48011.0	KING HARBOR	1700	2/5/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40023.1	ALAMITOS BAY-LONG BEACH MARINA	1701	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48012.0	CHANNEL IS. HARBOR - FRONT	1702	2/3/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48013.0	WEST MUGU LAGOON - A1 (X2)	1703	2/6/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
48014.0	WEST MUGU LAGOON - A2 (X3)	1704	2/6/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48015.0	CENTRAL MUGU LAGOON - B1 (X4)	1705	2/6/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48016.0	CENTRAL MUGU LAGOON - B2 (X3)	1706	2/6/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48017.0	EAST MUGU LAGOON - C1 (X1)	1707	2/6/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48018.0	EAST MUGU LAGOON - C2 (X2)	1708	2/6/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
	CONTROL-C1			53.0	C1	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48009.0	SAN PEDRO BAY OUTER HARBOR	1769	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40018.0	LONG BEACH OUTER HARBOR 18	1770	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40020.0	LONG BEACH OUTER HARBOR 20	1771	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48010.0	TURNING BASIN	1772	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40015.0	FISH HARBOR ENTRANCE	1773	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40009.0	WEST BASIN ENTRANCE	1774	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48011.0	KING HARBOR	1775	5/12/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40023.0	ALAMITOS BAY-LONG BEACH MARINA	1776	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48012.0	CHANNEL IS. HARBOR - FRONT	1777	5/12/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
49001.0	CABRILLO BEACH PIER - WEST	1778	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
49002.0	CABRILLO BEACH PIER - CENTRAL	1779	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
49003.0	CABRILLO BEACH PIER - EAST	1780	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
	CONTROL-C1			54.0	C1	toxmeta8	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
49004.0	KAISER INTL.- BERTH 49	1793	8/21/97	54.0	SAM	toxmeta8	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
49005.0	KAISER INTL.- BERTH 48	1794	8/21/97	54.0	SAM	toxmeta8	C1	-9.00	-9.00	-9	-9	-9.000	-9.000

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
40001.1	SOUTHWEST SLIP	1	7/29/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40001.2	SOUTHWEST SLIP	2	7/29/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40001.3	SOUTHWEST SLIP	3	7/29/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40002.1	WEST BASIN- PIER 143	4	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40002.2	WEST BASIN- PIER 143	5	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40002.3	WEST BASIN- PIER 143	6	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40003.1	TURNING BASIN- PIER 151	7	7/31/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40003.2	TURNING BASIN- PIER 151	8	7/31/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40003.3	TURNING BASIN- PIER 151	9	7/31/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40004.1	LOWER MAIN CHANNEL	10	7/29/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40004.2	LOWER MAIN CHANNEL	11	7/29/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40004.3	LOWER MAIN CHANNEL	12	7/29/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40005.1	EAST BASIN- TURNING BASIN	13	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40005.2	EAST BASIN- TURNING BASIN	14	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40005.3	EAST BASIN- TURNING BASIN	15	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40006.1	CONSOLIDATED SLIP	16	7/31/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40006.2	CONSOLIDATED SLIP	17	7/31/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40006.3	CONSOLIDATED SLIP	18	7/31/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40032.1	SAN PEDRO BAY- POLA 19	79	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40032.2	SAN PEDRO BAY- POLA 19	80	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40032.3	SAN PEDRO BAY- POLA 19	81	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40033.1	OUTER HARBOR- POLA 10	82	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40033.2	OUTER HARBOR- POLA 10	83	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40033.3	OUTER HARBOR- POLA 10	84	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40008.1	EAST BASIN- PIER C	22	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40008.2	EAST BASIN- PIER C	23	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40008.3	EAST BASIN- PIER C	24	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40009.1	WEST BASIN ENTRANCE	25	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40009.2	WEST BASIN ENTRANCE	26	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40009.3	WEST BASIN ENTRANCE	27	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH	28	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH	29	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH	30	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40012.1	SOUTHEAST BASIN	34	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40012.2	SOUTHEAST BASIN	35	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40012.3	SOUTHEAST BASIN	36	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40015.1	FISH HARBOR ENTRANCE	43	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40015.2	FISH HARBOR ENTRANCE	44	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
40015.3	FISH HARBOR ENTRANCE	45	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40016.1	TERMINAL ISLAND STP	46	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40016.2	TERMINAL ISLAND STP	47	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40016.3	TERMINAL ISLAND STP	48	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40019.1	INNER FISH HARBOR	55	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40019.2	INNER FISH HARBOR	56	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40019.3	INNER FISH HARBOR	57	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40030.1	SAN PEDRO BREAKWATER	73	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40030.2	SAN PEDRO BREAKWATER	74	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40030.3	SAN PEDRO BREAKWATER	75	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40032.1	SAN PEDRO BAY- POLA 19	103	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40032.2	SAN PEDRO BAY- POLA 19	104	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40032.3	SAN PEDRO BAY- POLA 19	105	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40007.1	LONG BEACH HARBOR- CHANNEL 2	19	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40007.2	LONG BEACH HARBOR- CHANNEL 2	20	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40007.3	LONG BEACH HARBOR- CHANNEL 2	21	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40011.1	INNER HARBOR- CHANNEL 3	31	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40011.2	INNER HARBOR- CHANNEL 3	32	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40011.3	INNER HARBOR- CHANNEL 3	33	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40013.1	INNER QUEENSWAY BAY	37	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40013.2	INNER QUEENSWAY BAY	38	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40013.3	INNER QUEENSWAY BAY	39	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40014.1	OUTER QUEENSWAY BAY	40	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40014.2	OUTER QUEENSWAY BAY	41	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40014.3	OUTER QUEENSWAY BAY	42	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40017.1	LONG BEACH CHANNEL	49	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40017.2	LONG BEACH CHANNEL	50	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40017.3	LONG BEACH CHANNEL	51	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40018.1	LONG BEACH OUTER HARBOR- 18	52	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40018.2	LONG BEACH OUTER HARBOR- 18	53	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HARBOR- 18	54	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40020.1	LONG BEACH OUTER HARBOR- 20	58	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40020.2	LONG BEACH OUTER HARBOR- 20	59	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40020.3	LONG BEACH OUTER HARBOR- 20	60	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40031.1	PALOS VERDES- SWARTZ 6	76	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES- SWARTZ 6	77	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40031.3	PALOS VERDES- SWARTZ 6	78	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	0.0002	-9.000	-9.000	-9.0000	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	0.0005	-9.000	-9.000	-9.0000	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	0.0005	-9.000	-9.000	-9.0000	-9	-9
40009.1	WEST BASIN ENTRANCE-REF 1	834	6/17/93	20.0	0.0003	-9.000	-9.000	-9.0000	-9	-9
40009.1	WEST BASIN ENTRANCE-REF 2	835	6/17/93	20.0	0.0003	-9.000	-9.000	-9.0000	-9	-9
40009.1	WEST BASIN ENTRANCE-REF 3	836	6/17/93	20.0	0.0005	-9.000	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-CH3			25.0	0.0049	-9.000	-9.000	-9.0000	B025RASA01	-3
	CONTROL-CH2			25.0	0.0082	-9.000	-9.000	-9.0000	B025RASA01	-3
	CONTROL-CH1			25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	0.1008	-9.000	-9.000	-9.0000	B025RASA01	-3
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	0.0209	-9.000	-9.000	-9.0000	B025RASA01	-3
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	0.0263	-9.000	-9.000	-9.0000	B025RASA01	-3
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	0.0373	-9.000	-9.000	-9.0000	B025RASA01	-3
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	0.0363	-9.000	-9.000	-9.0000	B025RASA01	-3
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	0.0118	-9.000	-9.000	-9.0000	B025RASA01	-3
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	0.0056	-9.000	-9.000	-9.0000	B025RASA01	-3
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	0.0996	-9.000	-9.000	-9.0000	B025RASA01	-3
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	0.0465	-9.000	-9.000	-9.0000	B025RASA01	-3
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	0.0269	-9.000	-9.000	-9.0000	B025RASA01	-3
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
40021.1	ALAMITOS BAY- MARINE STADIUM	61	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40021.2	ALAMITOS BAY- MARINE STADIUM	62	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40021.3	ALAMITOS BAY- MARINE STADIUM	63	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40022.1	ALAMITOS BAY- ENTRANCE	64	9/15/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40022.2	ALAMITOS BAY- ENTRANCE	65	9/15/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40022.3	ALAMITOS BAY- ENTRANCE	66	9/15/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40023.1	ALAMITOS BAY- LONG BEACH	67	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40023.2	ALAMITOS BAY- LONG BEACH	68	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40023.3	ALAMITOS BAY- LONG BEACH	69	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH	136	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH	137	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH	138	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44011.0	LOS CERRITOS CHNL TIDAL P	611	1/14/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44026.0	SIM'S POND	626	1/14/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	0.0011	-9.000	-9.000	-9.0000	B030RASA01	-3
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	0.0041	-9.000	-9.000	-9.0000	B030RASA01	-3
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	0.0032	1.970	0.015	0.0251	B030RASA01	-3
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	0.0039	-9.000	-9.000	-9.0000	B030RASA01	-3
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	0.0017	-9.000	-9.000	-9.0000	B030RASA01	-3
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	0.0013	4.600	0.015	0.0431	B030RASA01	-3
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	0.0013	-9.000	-9.000	-9.0000	B030RASA01	-3
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	0.0005	-9.000	-9.000	-9.0000	B030RASA01	-3
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	0.0014	14.000	0.163	0.0152	B030RASA01	-3
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	0.0030	-9.000	-9.000	-9.0000	B030RASA01	-3
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	0.0020	-9.000	-9.000	-9.0000	B030RASA01	-3
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	0.0018	20.400	0.190	0.0397	B030RASA01	-3
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	0.0038	-9.000	-9.000	-9.0000	B030RASA01	-3
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	0.0012	-9.000	-9.000	-9.0000	B030RASA01	-3
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	0.0008	9.200	0.173	0.0047	B030RASA01	-3
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	0.0024	-9.000	-9.000	-9.0000	B030RASA01	-3
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	0.0016	-9.000	-9.000	-9.0000	B030RASA01	-3
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	0.0055	14.000	0.119	0.0175	B030RASA01	-3
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	0.0045	-9.000	-9.000	-9.0000	B030RASA01	-3
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	0.0052	-9.000	-9.000	-9.0000	B030RASA01	-3
	CONTROL-CH2			32.0	0.0027	-8.000	-8.000	-8.0000	B032RASA01	-3
	CONTROL-CH3			32.0	0.0037	-8.000	-8.000	-8.0000	B032RASA01	-3
	CONTROL-CH1			32.0	0.0042	-8.000	-8.000	-8.0000	B032RASA01	-3
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	0.0032	1.400	0.005	0.0187	B032RASA01	-3
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	0.0029	4.900	0.025	0.0049	B032RASA01	-3
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	0.0025	1.600	0.005	0.0114	B032RASA01	-3
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	0.0024	2.700	0.008	0.0270	B032RASA01	-3
	CONTROL-C1			45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-C2			45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44014.0	MARINA DEL REY	1630	6/19/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9

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STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	0.0141	-9.000	-9.000	-9.0000	B025RASA01	-3
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	0.0239	-9.000	-9.000	-9.0000	B025RASA01	-3
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	0.0288	-9.000	-9.000	-9.0000	B025RASA01	-3
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	0.0008	-9.000	-9.000	-9.0000	B025RASA01	-3
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	0.0197	-9.000	-9.000	-9.0000	B025RASA01	-3
	CONTROL-CH1			26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
	CONTROL-CH3			26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
	CONTROL-CH2			26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	0.0048	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	0.0022	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	0.0003	-9.000	-9.000	-9.0000	B026RASA01	-3
	CONTROL-CH1			30.0	0.0011	-9.000	-9.000	-9.0000	B030RASA01	-3
	CONTROL-CH2			30.0	0.0014	-9.000	-9.000	-9.0000	B030RASA01	-3
	CONTROL-CH3			30.0	0.0024	-9.000	-9.000	-9.0000	B030RASA01	-3
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	0.0024	2.410	0.061	0.0065	B030RASA01	-3

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STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
48014.0	WEST MUGU LAGOON - A2 (X3)	1704	2/6/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48015.0	CENTRAL MUGU LAGOON - B1 (X4)	1705	2/6/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48016.0	CENTRAL MUGU LAGOON - B2 (X3)	1706	2/6/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48017.0	EAST MUGU LAGOON - C1 (X1)	1707	2/6/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48018.0	EAST MUGU LAGOON - C2 (X2)	1708	2/6/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-C1			53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48009.0	SAN PEDRO BAY OUTER HARBOR	1769	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40018.0	LONG BEACH OUTER HARBOR 18	1770	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40020.0	LONG BEACH OUTER HARBOR 20	1771	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48010.0	TURNING BASIN	1772	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40015.0	FISH HARBOR ENTRANCE	1773	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40009.0	WEST BASIN ENTRANCE	1774	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48011.0	KING HARBOR	1775	5/12/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40023.0	ALAMITOS BAY-LONG BEACH MARINA	1776	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48012.0	CHANNEL IS. HARBOR - FRONT	1777	5/12/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
49001.0	CABRILLO BEACH PIER - WEST	1778	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
49002.0	CABRILLO BEACH PIER - CENTRAL	1779	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
49003.0	CABRILLO BEACH PIER - EAST	1780	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-C1			54.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
49004.0	KAISER INTL.- BERTH 49	1793	8/21/97	54.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
49005.0	KAISER INTL.- BERTH 48	1794	8/21/97	54.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9

Rhepoxyinius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-C1			46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47001.0	CONSOLIDATED SLIP-198-SURFACE	1647	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47001.0	CONSOLIDATED SLIP-198-DEPTH 2	1648	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47002.0	CONSOLIDATED SLIP-200-SURFACE	1650	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47002.0	CONSOLIDATED SLIP-200-DEPTH 2	1651	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47003.0	CONSOLIDATED SLIP-200B-SURFACE	1653	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47003.0	CONSOLIDATED SLIP-200B-DEPTH 2	1654	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47004.0	CONSOLIDATED SLIP-200E-SURFACE	1656	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47004.0	CONSOLIDATED SLIP-200E-DEPTH 2	1657	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47005.0	CONSOLIDATED SLIP-200T-SURFACE	1659	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47005.0	CONSOLIDATED SLIP-200T-DEPTH 2	1660	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47005.0	CONSOLIDATED SLIP-200T-DEPTH 3	1661	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47006.0	CONSOLIDATED SLIP-END-SURFACE	1662	7/18/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47006.0	CONSOLIDATED SLIP-STORM DRAIN	1663	7/18/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47006.0	CONSOLIDATED SLIP-200G-SURFACE	1664	7/18/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47007.0	DOMINGUEZ-H. FORD BRIDGE-SURFC	1665	7/18/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-C1			48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48001.0	MARINA DEL REY - A1 (X1)	1686	2/5/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48002.0	MARINA DEL REY - A2 (X2)	1687	2/5/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48003.0	MARINA DEL REY - B1 (X1)	1688	2/5/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48004.0	MARINA DEL REY - B2 (X1)	1689	2/5/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48005.0	MARINA DEL REY - C1 (X1)	1690	2/5/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48006.0	SHORELINE MARINA A1 (X1)	1691	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48007.0	SHORELINE MARINA B1 (X1)	1692	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48008.0	SHORELINE MARINA C1 (X1)	1693	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48009.0	SAN PEDRO BAY OUTER HARBOR	1694	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HARBOR - 18	1695	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40020.2	LONG BEACH OUTER HARBOR - 20	1696	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48010.0	TURNING BASIN	1697	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40015.1	FISH HARBOR ENTRANCE	1698	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40009.0	WEST BASIN ENTRANCE	1699	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48011.0	KING HARBOR	1700	2/5/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40023.1	ALAMITOS BAY-LONG BEACH MARINA	1701	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48012.0	CHANNEL IS. HARBOR - FRONT	1702	2/3/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48013.0	WEST MUGU LAGOON - A1 (X2)	1703	2/6/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9

Section 2

Eohaustorius estuarius Survival in Sediment

Eohaustorius estuarius Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	EE_MN	EE_SD	EE_SG	EE_TOX	EE_BATCH	EEQC	EE_OTNH3	EE_OUNH3	EE_OH2S
44016.0	MUGU LAGOON	616	1/12/93	11.0	66.00	11.40	*	T	-9	-9	-9.000	0.004	-9.0000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	5.00	8.70	*	T	-9	-9	-9.000	0.271	-9.0000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	87.00	9.10	*	NT	-9	-9	-9.000	0.126	-9.0000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44026.0	SIM'S POND	626	1/14/93	11.0	91.00	12.40	ns	NT	-9	-9	-9.000	0.068	-9.0000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	71.00	6.50	*	T	-9	-9	-9.000	0.005	-9.0000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	97.00	2.70	*	NT	-9	-9	-9.000	0.006	-9.0000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	99.00	2.20	ns	NT	-9	-9	-9.000	0.002	-9.0000
	CONTROL-C1			45.0	99.00	2.00	-9	-9	l45tee.xls	-4	0.350	0.011	-9.0000
	CONTROL-C2			45.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	95.00	6.00	ns	NT	l45tee.xls	-4	1.400	0.025	-9.0000
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	98.00	3.00	ns	NT	l45tee.xls	-4	0.430	0.010	-9.0000
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	92.00	6.00	*	NT	l45tee.xls	-3	2.000	0.077	-9.0000
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	98.00	4.00	ns	NT	l45tee.xls	-4	3.200	0.147	-9.0000
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	99.00	2.00	ns	NT	l45tee.xls	-4	3.800	0.183	-9.0000
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	81.00	9.00	*	NT	l45tee.xls	-4	0.570	0.016	-9.0000
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	99.00	2.00	ns	NT	l45tee.xls	-4	7.400	0.462	-9.0000
44014.0	MARINA DEL REY	1630	6/19/96	45.0	92.00	13.00	ns	NT	l45tee.xls	-4	0.650	0.015	-9.0000
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	90.00	8.00	*	NT	l45tee.xls	-3	2.700	0.418	-9.0000
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	99.00	2.00	ns	NT	l45tee.xls	-3	2.400	0.090	-9.0000
	CONTROL-C1			46.0	99.00	2.00	-9	-9	l46tee.xls	-4	0.660	0.019	-9.0000
47001.0	CONSOLIDATED SLIP-198-SURFACE	1647	7/17/96	46.0	61.00	19.00	*	T	l46tee.xls	-4	2.700	0.047	-9.0000
47001.0	CONSOLIDATED SLIP-198-DEPTH 2	1648	7/17/96	46.0	64.00	13.00	*	T	l46tee.xls	-4	7.900	0.311	-9.0000
47002.0	CONSOLIDATED SLIP-200-SURFACE	1650	7/17/96	46.0	54.00	7.00	*	T	l46tee.xls	-4	2.600	0.506	-9.0000
47002.0	CONSOLIDATED SLIP-200-DEPTH 2	1651	7/17/96	46.0	86.00	4.00	*	NT	l46tee.xls	-4	3.100	0.109	-9.0000
47003.0	CONSOLIDATED SLIP-200B-SURFACE	1653	7/17/96	46.0	70.00	7.00	*	T	l46tee.xls	-4	1.800	0.344	-9.0000
47003.0	CONSOLIDATED SLIP-200B-DEPTH 2	1654	7/17/96	46.0	8.00	12.00	*	T	l46tee.xls	-4	19.000	0.749	-9.0000
47004.0	CONSOLIDATED SLIP-200E-SURFACE	1656	7/17/96	46.0	40.00	27.00	*	T	l46tee.xls	-4	7.400	0.319	-9.0000
47004.0	CONSOLIDATED SLIP-200E-DEPTH 2	1657	7/17/96	46.0	33.00	23.00	*	T	l46tee.xls	-4	24.000	1.128	-9.0000
47005.0	CONSOLIDATED SLIP-200T-SURFACE	1659	7/17/96	46.0	0.00	0.00	*	T	l46tee.xls	-4	16.000	0.516	-9.0000

Eohaustorius estuarius Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	EE_MN	EE_SD	EE_SG	EE_TOX	EE_BATCH	EEQC	EE_OTNH3	EE_OUNH3	EE_OH2S
47005.0	CONSOLIDATED SLIP-200T-DEPTH 2	1660	7/17/96	46.0	18.00	40.00	*	T	146tee.xls	-4	54.000	2.274	-9.0000
47005.0	CONSOLIDATED SLIP-200T-DEPTH 3	1661	7/17/96	46.0	13.00	29.00	*	T	146tee.xls	-3	81.000	2.794	-9.0000
47006.0	CONSOLIDATED SLIP-END-SURFACE	1662	7/18/96	46.0	65.00	15.00	*	T	146tee.xls	-4	6.600	0.228	-9.0000
47006.0	CONSOLIDATED SLIP-STORM DRAIN	1663	7/18/96	46.0	52.00	21.00	*	T	146tee.xls	-3	1.400	0.221	-9.0000
47006.0	CONSOLIDATED SLIP-200G-SURFACE	1664	7/18/96	46.0	50.00	20.00	*	T	146tee.xls	-3	7.900	0.166	-9.0000
47007.0	DOMINGUEZ-H. FORD BRIDGE-SURFC	1665	7/18/96	46.0	61.00	21.00	*	T	146tee.xls	-3	8.100	0.911	-9.0000
	CONTROL-C1			48.0	97.00	3.00	-9	-9	148tee	-4	-8.000	-8.000	-9.0000
48001.0	MARINA DEL REY - A1 (X1)	1686	2/5/97	48.0	49.00	29.00	*	T	148tee	-4	0.170	0.001	-9.0000
48002.0	MARINA DEL REY - A2 (X2)	1687	2/5/97	48.0	65.00	6.00	*	T	148tee	-4	1.700	0.047	-9.0000
48003.0	MARINA DEL REY - B1 (X1)	1688	2/5/97	48.0	51.00	27.00	*	T	148tee	-4	0.530	0.014	-9.0000
48004.0	MARINA DEL REY - B2 (X1)	1689	2/5/97	48.0	89.00	7.00	*	NT	148tee	-4	0.410	0.008	-9.0000
48005.0	MARINA DEL REY - C1 (X1)	1690	2/5/97	48.0	77.00	3.00	*	NT	148tee	-4	1.300	0.041	-9.0000
48006.0	SHORELINE MARINA A1 (X1)	1691	2/4/97	48.0	80.00	0.00	*	NT	148tee	-4	0.450	0.016	-9.0000
48007.0	SHORELINE MARINA B1 (X1)	1692	2/4/97	48.0	71.00	35.00	ns	NT	148tee	-4	0.370	0.022	-9.0000
48008.0	SHORELINE MARINA C1 (X1)	1693	2/4/97	48.0	91.00	7.00	ns	NT	148tee	-4	0.210	0.005	-9.0000
48009.0	SAN PEDRO BAY OUTER HARBOR	1694	2/4/97	48.0	96.00	4.00	ns	NT	148tee	-4	0.200	0.005	-9.0000
40018.3	LONG BEACH OUTER HARBOR - 18	1695	2/4/97	48.0	75.00	23.00	ns	NT	148tee	-4	0.190	0.006	-9.0000
40020.2	LONG BEACH OUTER HARBOR - 20	1696	2/4/97	48.0	81.00	15.00	*	NT	148tee	-4	0.290	0.007	-9.0000
48010.0	TURNING BASIN	1697	2/4/97	48.0	95.00	5.00	ns	NT	148tee	-4	2.800	0.077	-9.0000
40015.1	FISH HARBOR ENTRANCE	1698	2/4/97	48.0	89.00	10.00	ns	NT	148tee	-4	1.100	0.036	-9.0000
40009.0	WEST BASIN ENTRANCE	1699	2/4/97	48.0	86.00	7.00	*	NT	148tee	-3	0.480	0.016	-9.0000
48011.0	KING HARBOR	1700	2/5/97	48.0	77.00	30.00	ns	NT	148tee	-4	4.200	0.165	-9.0000
40023.1	ALAMITOS BAY-LONG BEACH MARINA	1701	2/4/97	48.0	81.00	10.00	*	NT	148tee	-4	6.300	0.130	-9.0000
48012.0	CHANNEL IS. HARBOR - FRONT	1702	2/3/97	48.0	79.00	10.00	*	NT	148tee	-4	0.410	0.008	-9.0000
48013.0	WEST MUGU LAGOON - A1 (X2)	1703	2/6/97	48.0	87.00	10.00	*	NT	148tee	-4	3.300	0.152	-9.0000
48014.0	WEST MUGU LAGOON - A2 (X3)	1704	2/6/97	48.0	89.00	7.00	*	NT	148tee	-4	7.800	0.391	-9.0000
48015.0	CENTRAL MUGU LAGOON - B1 (X4)	1705	2/6/97	48.0	17.00	13.00	*	T	148tee	-4	3.300	0.289	-9.0000
48016.0	CENTRAL MUGU LAGOON - B2 (X3)	1706	2/6/97	48.0	85.00	8.00	*	NT	148tee	-3	4.000	0.239	-9.0000
48017.0	EAST MUGU LAGOON - C1 (X1)	1707	2/6/97	48.0	78.00	9.00	*	NT	148tee	-4	10.000	0.412	-9.0000
48018.0	EAST MUGU LAGOON - C2 (X2)	1708	2/6/97	48.0	84.00	4.00	*	NT	148tee	-3	16.000	0.786	-9.0000
	CONTROL-C1			53.0	99.00	2.00	-9	-9	153tee	-4	0.110	0.003	-9.0000
48009.0	SAN PEDRO BAY OUTER HARBOR	1769	5/13/97	53.0	85.00	10.00	*	NT	153tee	-4	1.300	0.039	-9.0000
40018.0	LONG BEACH OUTER HARBOR 18	1770	5/13/97	53.0	59.00	30.00	*	T	153tee	-4	0.510	0.011	-9.0000
40020.0	LONG BEACH OUTER HARBOR 20	1771	5/13/97	53.0	85.00	13.00	*	NT	153tee	-4	1.600	0.038	-9.0000
48010.0	TURNING BASIN	1772	5/13/97	53.0	69.00	43.00	ns	NT	153tee	-4	3.300	0.083	-9.0000
40015.0	FISH HARBOR ENTRANCE	1773	5/13/97	53.0	72.00	19.00	*	T	153tee	-4	1.600	0.038	-9.0000
40009.0	WEST BASIN ENTRANCE	1774	5/13/97	53.0	74.00	12.00	*	NT	153tee	-4	1.500	0.015	-9.0000

Eohaustorius estuarius Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	EE_MN	EE_SD	EE_SG	EE_TOX	EE_BATCH	EEQC	EE_OTNH3	EE_OUNH3	EE_OH2S
48011.0	KING HARBOR	1775	5/12/97	53.0	26.00	34.00	*	T	153tee	-4	3.200	0.150	-9.0000
40023.0	ALAMITOS BAY-LONG BEACH MARINA	1776	5/13/97	53.0	75.00	14.00	*	NT	153tee	-4	5.900	0.163	-9.0000
48012.0	CHANNEL IS. HARBOR - FRONT	1777	5/12/97	53.0	58.00	35.00	*	T	153tee	-3	3.500	0.172	-9.0000
49001.0	CABRILLO BEACH PIER - WEST	1778	5/13/97	53.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
49002.0	CABRILLO BEACH PIER - CENTRAL	1779	5/13/97	53.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
49003.0	CABRILLO BEACH PIER - EAST	1780	5/13/97	53.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
	CONTROL-C1			54.0	94.00	8.00	-9	-9	154tee	-4	2.000	0.059	-9.0000
49004.0	KAISER INTL.- BERTH 49	1793	8/21/97	54.0	84.00	5.00	*	NT	154tee	-3	1.300	0.049	-9.0000
49005.0	KAISER INTL.- BERTH 48	1794	8/21/97	54.0	96.00	4.00	ns	NT	154tee	-4	1.700	0.070	-9.0000

Eohaustorius estuarius Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	EE_ITNH3	EE_IUNH3	EE_IH2S
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9.000	-9.000	-9.0000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9.000	-9.000	-9.0000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9.000	-9.000	-9.0000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9.000	-9.000	-9.0000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9.000	-9.000	-9.0000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9.000	-9.000	-9.0000
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9.000	-9.000	-9.0000
44026.0	SIM'S POND	626	1/14/93	11.0	-9.000	-9.000	-9.0000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.000	-9.000	-9.0000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9.000	-9.000	-9.0000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9.000	-9.000	-9.0000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9.000	-9.000	-9.0000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9.000	-9.000	-9.0000
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9.000	-9.000	-9.0000
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9.000	-9.000	-9.0000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9.000	-9.000	-9.0000
	CONTROL-C1			45.0	-9.000	-9.000	-9.0000
	CONTROL-C2			45.0	-9.000	-9.000	-9.0000
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	7.300	0.039	0.0190
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	7.000	0.039	0.0342
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	8.100	0.060	0.0103
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	34.000	0.215	0.0267
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	26.000	0.135	0.0258
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	5.200	0.128	0.0059
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	51.000	0.797	0.0259
44014.0	MARINA DEL REY	1630	6/19/96	45.0	2.800	0.044	0.0091
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	7.900	0.099	0.0677
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	7.800	0.046	0.0161
	CONTROL-C1			46.0	-9.000	-9.000	-9.0000
47001.0	CONSOLIDATED SLIP-198-SURFACE	1647	7/17/96	46.0	5.500	0.050	0.0458
47001.0	CONSOLIDATED SLIP-198-DEPTH 2	1648	7/17/96	46.0	29.000	0.748	0.0193
47002.0	CONSOLIDATED SLIP-200-SURFACE	1650	7/17/96	46.0	9.700	0.113	0.1147
47002.0	CONSOLIDATED SLIP-200-DEPTH 2	1651	7/17/96	46.0	16.000	0.472	0.0314
47003.0	CONSOLIDATED SLIP-200B-SURFACE	1653	7/17/96	46.0	12.000	0.097	0.0864
47003.0	CONSOLIDATED SLIP-200B-DEPTH 2	1654	7/17/96	46.0	28.000	0.773	0.2669
47004.0	CONSOLIDATED SLIP-200E-SURFACE	1656	7/17/96	46.0	25.000	0.147	0.1035
47004.0	CONSOLIDATED SLIP-200E-DEPTH 2	1657	7/17/96	46.0	44.000	0.676	0.1817
47005.0	CONSOLIDATED SLIP-200T-SURFACE	1659	7/17/96	46.0	40.000	0.543	0.1117

Eohaustorius estuarius Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	EE_ITNH3	EE_IUNH3	EE_IH2S
47005.0	CONSOLIDATED SLIP-200T-DEPTH 2	1660	7/17/96	46.0	143.000	1.998	0.1505
47005.0	CONSOLIDATED SLIP-200T-DEPTH 3	1661	7/17/96	46.0	130.000	3.354	0.0804
47006.0	CONSOLIDATED SLIP-END-SURFACE	1662	7/18/96	46.0	13.000	0.117	0.0578
47006.0	CONSOLIDATED SLIP-STORM DRAIN	1663	7/18/96	46.0	3.800	0.055	0.1301
47006.0	CONSOLIDATED SLIP-200G-SURFACE	1664	7/18/96	46.0	22.000	0.257	0.0459
47007.0	DOMINGUEZ-H. FORD BRIDGE-SURFC	1665	7/18/96	46.0	17.000	0.320	0.0745
	CONTROL-C1			48.0	-9.000	-9.000	-9.0000
48001.0	MARINA DEL REY - A1 (X1)	1686	2/5/97	48.0	0.770	0.012	-8.0000
48002.0	MARINA DEL REY - A2 (X2)	1687	2/5/97	48.0	4.800	0.060	-8.0000
48003.0	MARINA DEL REY - B1 (X1)	1688	2/5/97	48.0	1.600	0.017	-8.0000
48004.0	MARINA DEL REY - B2 (X1)	1689	2/5/97	48.0	2.800	0.028	-8.0000
48005.0	MARINA DEL REY - C1 (X1)	1690	2/5/97	48.0	4.600	0.051	-8.0000
48006.0	SHORELINE MARINA A1 (X1)	1691	2/4/97	48.0	2.300	0.021	-8.0000
48007.0	SHORELINE MARINA B1 (X1)	1692	2/4/97	48.0	2.200	0.035	-8.0000
48008.0	SHORELINE MARINA C1 (X1)	1693	2/4/97	48.0	2.300	0.012	-8.0000
48009.0	SAN PEDRO BAY OUTER HARBOR	1694	2/4/97	48.0	2.200	0.028	-8.0000
40018.3	LONG BEACH OUTER HARBOR - 18	1695	2/4/97	48.0	1.900	0.010	-8.0000
40020.2	LONG BEACH OUTER HARBOR - 20	1696	2/4/97	48.0	1.800	0.018	-8.0000
48010.0	TURNING BASIN	1697	2/4/97	48.0	5.600	0.063	-8.0000
40015.1	FISH HARBOR ENTRANCE	1698	2/4/97	48.0	4.800	0.073	-8.0000
40009.0	WEST BASIN ENTRANCE	1699	2/4/97	48.0	1.900	0.020	-8.0000
48011.0	KING HARBOR	1700	2/5/97	48.0	8.400	0.185	-8.0000
40023.1	ALAMITOS BAY-LONG BEACH MARINA	1701	2/4/97	48.0	10.000	0.076	-8.0000
48012.0	CHANNEL IS. HARBOR - FRONT	1702	2/3/97	48.0	3.800	0.025	-8.0000
48013.0	WEST MUGU LAGOON - A1 (X2)	1703	2/6/97	48.0	6.600	0.114	-8.0000
48014.0	WEST MUGU LAGOON - A2 (X3)	1704	2/6/97	48.0	13.000	0.224	-8.0000
48015.0	CENTRAL MUGU LAGOON - B1 (X4)	1705	2/6/97	48.0	6.100	0.032	-8.0000
48016.0	CENTRAL MUGU LAGOON - B2 (X3)	1706	2/6/97	48.0	8.600	0.048	0.0004
48017.0	EAST MUGU LAGOON - C1 (X1)	1707	2/6/97	48.0	12.000	0.236	-8.0000
48018.0	EAST MUGU LAGOON - C2 (X2)	1708	2/6/97	48.0	20.000	0.528	-8.0000
	CONTROL-C1			53.0	-9.000	-9.000	-9.0000
48009.0	SAN PEDRO BAY OUTER HARBOR	1769	5/13/97	53.0	8.500	0.059	0.0357
40018.0	LONG BEACH OUTER HARBOR 18	1770	5/13/97	53.0	4.000	0.032	0.0207
40020.0	LONG BEACH OUTER HARBOR 20	1771	5/13/97	53.0	6.000	0.021	0.0614
48010.0	TURNING BASIN	1772	5/13/97	53.0	12.000	0.085	0.0406
40015.0	FISH HARBOR ENTRANCE	1773	5/13/97	53.0	8.400	0.039	0.0202
40009.0	WEST BASIN ENTRANCE	1774	5/13/97	53.0	5.700	0.031	0.0396

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STANUM	STATION	IDORG	DATE	LEG	EE_ITNH3	EE_IUNH3	EE_IH2S
48011.0	KING HARBOR	1775	5/12/97	53.0	28.000	0.335	0.0394
40023.0	ALAMITOS BAY-LONG BEACH MARINA	1776	5/13/97	53.0	16.000	0.067	0.0933
48012.0	CHANNEL IS. HARBOR - FRONT	1777	5/12/97	53.0	12.000	0.059	0.0518
49001.0	CABRILLO BEACH PIER - WEST	1778	5/13/97	53.0	-9.000	-9.000	-9.0000
49002.0	CABRILLO BEACH PIER - CENTRAL	1779	5/13/97	53.0	-9.000	-9.000	-9.0000
49003.0	CABRILLO BEACH PIER - EAST	1780	5/13/97	53.0	-9.000	-9.000	-9.0000
	CONTROL-C1			54.0	-9.000	-9.000	-9.0000
49004.0	KAISER INTL.- BERTH 49	1793	8/21/97	54.0	12.000	0.221	0.0163
49005.0	KAISER INTL.- BERTH 48	1794	8/21/97	54.0	19.000	0.076	0.1073

Section 3

Haliotis rufescens Larval Shell Development in Subsurface Water

Haliotis rufescens Larval Shell Development Toxicity Test Data for Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	HRS100_MN	HRS100_SD	HRS100_SG	HRS100_TOX	HRS_OUNH3	HRS_OTNH3	HRS_OH2S
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	96.70	0.90	*	NT	-8.000	-9.000	-9.0000
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	86.10	3.60	ns	NT	0.050	-9.000	-9.0000
44014.0	MARINA DEL REY	614	1/14/93	11.0	96.60	1.70	ns	NT	0.004	-9.000	-9.0000
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44021.0	VENTURA MARINA	621	1/13/93	11.0	99.00	1.00	*	NT	-8.000	-9.000	-9.0000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	92.50	1.90	*	NT	0.003	-9.000	-9.0000
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44026.0	SIM'S POND	626	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	86.50	5.50	ns	NT	0.003	-9.000	-9.0000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	91.20	2.70	ns	NT	0.003	-9.000	-9.0000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	98.00	1.00	*	NT	-8.000	-9.000	-9.0000

Haliotis rufescens Larval Shell Development Toxicity Test Data for Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	HRS_BATCH	HRSQC
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9

Section 4

Haliotis rufescens Larval Shell Development in Porewater

Haliotis rufescens Larval Shell Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	HRP100_MN	HRP100_SD	HRP100_SG	HRP100_TOX	HRP50_MN	HRP50_SD	HRP50_SG
40001.1	SOUTHWEST SLIP	1	7/29/92	1.0	72.30	15.90	ns	NT	92.50	2.90	ns
40001.2	SOUTHWEST SLIP	2	7/29/92	1.0	81.40	7.90	*	NT	86.60	8.40	ns
40001.3	SOUTHWEST SLIP	3	7/29/92	1.0	0.70	0.60	*	T	40.70	24.20	*
40002.1	WEST BASIN- PIER 143	4	7/30/92	1.0	0.00	0.00	*	T	1.40	1.20	*
40002.2	WEST BASIN- PIER 143	5	7/30/92	1.0	0.00	0.00	*	T	0.00	0.00	*
40002.3	WEST BASIN- PIER 143	6	7/30/92	1.0	0.00	0.00	*	T	0.00	0.00	*
40003.1	TURNING BASIN- PIER 151	7	7/31/92	1.0	0.00	0.00	*	T	63.20	24.10	ns
40003.2	TURNING BASIN- PIER 151	8	7/31/92	1.0	1.50	2.60	*	T	97.90	1.40	ns
40003.3	TURNING BASIN- PIER 151	9	7/31/92	1.0	23.30	38.70	*	T	93.40	5.20	ns
40004.1	LOWER MAIN CHANNEL	10	7/29/92	1.0	26.20	33.50	*	T	93.30	0.70	ns
40004.2	LOWER MAIN CHANNEL	11	7/29/92	1.0	69.10	29.80	ns	NT	94.60	0.90	ns
40004.3	LOWER MAIN CHANNEL	12	7/29/92	1.0	78.70	28.20	ns	NT	91.30	2.90	ns
40005.1	EAST BASIN- TURNING BASIN	13	7/30/92	1.0	0.00	0.00	*	T	41.90	42.10	ns
40005.2	EAST BASIN- TURNING BASIN	14	7/30/92	1.0	0.70	1.30	*	T	88.60	4.60	ns
40005.3	EAST BASIN- TURNING BASIN	15	7/30/92	1.0	0.00	0.00	*	T	54.00	9.40	*
40006.1	CONSOLIDATED SLIP	16	7/31/92	1.0	0.00	0.00	*	T	90.30	4.50	ns
40006.2	CONSOLIDATED SLIP	17	7/31/92	1.0	0.00	0.00	*	T	0.00	0.00	*
40006.3	CONSOLIDATED SLIP	18	7/31/92	1.0	0.00	0.00	*	T	0.70	1.20	*
40032.1	SAN PEDRO BAY- POLA 19	79	7/30/92	1.0	65.70	23.90	ns	NT	89.90	4.50	ns
40032.2	SAN PEDRO BAY- POLA 19	80	7/30/92	1.0	30.70	53.10	ns	NT	19.90	34.50	*
40032.3	SAN PEDRO BAY- POLA 19	81	7/30/92	1.0	0.00	0.00	*	T	15.00	7.80	*
40033.1	OUTER HARBOR- POLA 10	82	7/30/92	1.0	0.70	1.30	*	T	0.00	0.00	*
40033.2	OUTER HARBOR- POLA 10	83	7/30/92	1.0	8.80	10.20	*	T	86.50	10.80	ns
40033.3	OUTER HARBOR- POLA 10	84	7/30/92	1.0	3.30	5.70	*	T	93.60	5.60	ns
40008.1	EAST BASIN- PIER C	22	8/18/92	2.0	93.10	1.30	ns	NT	0.30	0.50	*
40008.2	EAST BASIN- PIER C	23	8/18/92	2.0	2.80	2.50	*	T	95.20	2.80	ns
40008.3	EAST BASIN- PIER C	24	8/18/92	2.0	0.00	0.00	*	T	93.20	3.70	ns
40009.1	WEST BASIN ENTRANCE	25	8/18/92	2.0	1.10	1.10	*	T	95.30	1.60	ns
40009.2	WEST BASIN ENTRANCE	26	8/18/92	2.0	0.00	0.00	*	T	95.70	2.50	ns
40009.3	WEST BASIN ENTRANCE	27	8/18/92	2.0	0.00	0.00	*	T	96.80	0.60	ns
40010.1	OFF CABRILLO BEACH	28	8/18/92	2.0	92.70	3.40	ns	NT	96.40	1.20	ns
40010.2	OFF CABRILLO BEACH	29	8/18/92	2.0	93.80	1.80	ns	NT	96.70	2.90	ns
40010.3	OFF CABRILLO BEACH	30	8/18/92	2.0	95.60	2.40	ns	NT	93.00	0.70	ns
40012.1	SOUTHEAST BASIN	34	8/18/92	2.0	23.50	37.40	*	T	94.20	4.60	ns
40012.2	SOUTHEAST BASIN	35	8/18/92	2.0	94.30	2.20	ns	NT	96.80	0.60	ns
40012.3	SOUTHEAST BASIN	36	8/18/92	2.0	7.50	12.20	*	T	62.50	50.40	ns
40015.1	FISH HARBOR ENTRANCE	43	8/19/92	2.0	51.30	24.00	*	T	97.90	2.20	ns
40015.2	FISH HARBOR ENTRANCE	44	8/19/92	2.0	34.90	21.30	*	T	95.90	0.30	ns
40015.3	FISH HARBOR ENTRANCE	45	8/19/92	2.0	9.80	9.50	*	T	95.80	0.80	ns
40016.1	TERMINAL ISLAND STP	46	8/18/92	2.0	91.60	2.50	*	NT	97.70	1.40	ns

Haliotis rufescens Larval Shell Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	HRP100_MN	HRP100_SD	HRP100_SG	HRP100_TOX	HRP50_MN	HRP50_SD	HRP50_SG
40016.2	TERMINAL ISLAND STP	47	8/18/92	2.0	71.20	27.10	ns	NT	96.90	0.90	ns
40016.3	TERMINAL ISLAND STP	48	8/18/92	2.0	94.50	1.40	ns	NT	96.60	0.50	ns
40019.1	INNER FISH HARBOR	55	8/19/92	2.0	0.00	0.00	*	T	0.00	0.00	*
40019.2	INNER FISH HARBOR	56	8/19/92	2.0	88.60	6.10	ns	NT	95.80	1.60	ns
40019.3	INNER FISH HARBOR	57	8/19/92	2.0	0.00	0.00	*	T	0.00	0.00	*
40030.1	SAN PEDRO BREAKWATER	73	8/19/92	2.0	0.00	0.00	*	T	0.00	0.00	*
40030.2	SAN PEDRO BREAKWATER	74	8/19/92	2.0	0.00	0.00	*	T	48.50	14.00	*
40030.3	SAN PEDRO BREAKWATER	75	8/19/92	2.0	0.00	0.00	*	T	59.50	25.30	ns
40032.1	SAN PEDRO BAY- POLA 19	103	8/19/92	2.0	0.00	0.00	*	T	11.00	17.20	*
40032.2	SAN PEDRO BAY- POLA 19	104	8/19/92	2.0	0.00	0.00	*	T	16.30	23.80	*
40032.3	SAN PEDRO BAY- POLA 19	105	8/19/92	2.0	0.00	0.00	*	T	0.00	0.00	*
40007.1	LONG BEACH HARBOR- CHANNEL 2	19	9/1/92	3.0	0.00	0.00	*	T	91.60	4.10	ns
40007.2	LONG BEACH HARBOR- CHANNEL 2	20	9/1/92	3.0	0.00	0.00	*	T	0.40	0.70	*
40007.3	LONG BEACH HARBOR- CHANNEL 2	21	9/1/92	3.0	0.00	0.00	*	T	0.40	0.60	*
40011.1	INNER HARBOR- CHANNEL 3	31	9/1/92	3.0	0.00	0.00	*	T	75.10	12.00	ns
40011.2	INNER HARBOR- CHANNEL 3	32	9/1/92	3.0	0.00	0.00	*	T	0.00	0.00	*
40011.3	INNER HARBOR- CHANNEL 3	33	9/1/92	3.0	0.00	0.00	*	T	0.00	0.00	*
40013.1	INNER QUEENSWAY BAY	37	9/2/92	3.0	0.00	0.00	*	T	89.40	0.80	ns
40013.2	INNER QUEENSWAY BAY	38	9/2/92	3.0	0.00	0.00	*	T	87.10	2.10	*
40013.3	INNER QUEENSWAY BAY	39	9/2/92	3.0	5.50	7.70	*	T	90.00	3.20	ns
40014.1	OUTER QUEENSWAY BAY	40	9/2/92	3.0	0.00	0.00	*	T	92.50	5.20	ns
40014.2	OUTER QUEENSWAY BAY	41	9/2/92	3.0	0.00	0.00	*	T	0.00	0.00	*
40014.3	OUTER QUEENSWAY BAY	42	9/2/92	3.0	0.00	0.00	*	T	90.40	5.10	ns
40017.1	LONG BEACH CHANNEL	49	9/2/92	3.0	0.00	0.00	*	T	72.20	8.60	*
40017.2	LONG BEACH CHANNEL	50	9/2/92	3.0	20.60	8.90	*	T	86.80	7.60	ns
40017.3	LONG BEACH CHANNEL	51	9/2/92	3.0	50.70	7.50	*	T	90.20	1.40	ns
40018.1	LONG BEACH OUTER HARBOR- 18	52	9/2/92	3.0	0.00	0.00	*	T	86.90	10.40	ns
40018.2	LONG BEACH OUTER HARBOR- 18	53	9/2/92	3.0	0.00	0.00	*	T	1.10	1.90	*
40018.3	LONG BEACH OUTER HARBOR- 18	54	9/2/92	3.0	92.30	4.40	ns	NT	91.40	2.50	ns
40020.1	LONG BEACH OUTER HARBOR- 20	58	9/2/92	3.0	0.00	0.00	*	T	6.30	11.00	*
40020.2	LONG BEACH OUTER HARBOR- 20	59	9/2/92	3.0	0.00	0.00	*	T	14.60	4.10	*
40020.3	LONG BEACH OUTER HARBOR- 20	60	9/2/92	3.0	24.20	18.30	*	T	88.70	0.60	ns
40031.1	PALOS VERDES- SWARTZ 6	76	9/1/92	3.0	0.00	0.00	*	T	88.10	3.20	ns
40031.2	PALOS VERDES- SWARTZ 6	77	9/1/92	3.0	0.00	0.00	*	T	90.30	3.80	ns
40031.3	PALOS VERDES- SWARTZ 6	78	9/1/92	3.0	55.60	26.70	*	NT	72.00	1.70	*
40021.1	ALAMITOS BAY- MARINE STADIUM	61	9/16/92	4.0	0.40	0.60	*	T	14.70	3.90	*
40021.2	ALAMITOS BAY- MARINE STADIUM	62	9/16/92	4.0	0.00	0.00	*	T	3.10	1.10	*
40021.3	ALAMITOS BAY- MARINE STADIUM	63	9/16/92	4.0	0.00	0.00	*	T	8.10	6.60	*
40022.1	ALAMITOS BAY- ENTRANCE	64	9/15/92	4.0	0.00	0.00	*	T	54.40	10.90	*
40022.2	ALAMITOS BAY- ENTRANCE	65	9/15/92	4.0	0.30	0.50	*	T	0.00	0.00	*

Haliotis rufescens Larval Shell Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	HRP100_MN	HRP100_SD	HRP100_SG	HRP100_TOX	HRP50_MN	HRP50_SD	HRP50_SG
40022.3	ALAMITOS BAY- ENTRANCE	66	9/15/92	4.0	0.30	0.50	*	T	6.60	9.30	*
40023.1	ALAMITOS BAY- LONG BEACH	67	9/16/92	4.0	0.00	0.00	*	T	2.20	3.90	*
40023.2	ALAMITOS BAY- LONG BEACH	68	9/16/92	4.0	0.00	0.00	*	T	0.00	0.00	*
40023.3	ALAMITOS BAY- LONG BEACH	69	9/16/92	4.0	0.00	0.00	*	T	0.00	0.00	*
40010.1	OFF CABRILLO BEACH	136	9/16/92	4.0	1.70	2.90	*	T	2.20	0.90	*
40010.2	OFF CABRILLO BEACH	137	9/16/92	4.0	0.00	0.00	*	T	1.00	1.80	*
40010.3	OFF CABRILLO BEACH	138	9/16/92	4.0	0.00	0.00	*	T	7.10	3.50	*
44020.0	SHORELINE MARINA	620	1/14/93	11.0	0.70	0.70	*	T	-9.00	-9.00	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	16.50	1.70	*	T	-9.00	-9.00	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	12.30	3.80	*	T	-9.00	-9.00	-9

Haliotis rufescens Larval Shell Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	HRP50_TOX	HRP25_MN	HRP25_SD	HRP25_SG	HRP25_TOX	HRP_IUNH3	HRP_ITNH3
40001.1	SOUTHWEST SLIP	1	7/29/92	1.0	NT	92.80	3.90	ns	NT	0.133	-9.000
40001.2	SOUTHWEST SLIP	2	7/29/92	1.0	NT	72.80	18.90	ns	NT	0.147	-9.000
40001.3	SOUTHWEST SLIP	3	7/29/92	1.0	T	76.50	7.90	*	T	0.188	-9.000
40002.1	WEST BASIN- PIER 143	4	7/30/92	1.0	T	87.70	1.80	*	NT	0.066	-9.000
40002.2	WEST BASIN- PIER 143	5	7/30/92	1.0	T	28.90	27.60	*	T	0.153	-9.000
40002.3	WEST BASIN- PIER 143	6	7/30/92	1.0	T	65.20	23.00	ns	NT	0.234	-9.000
40003.1	TURNING BASIN- PIER 151	7	7/31/92	1.0	NT	88.30	8.80	ns	NT	0.162	-9.000
40003.2	TURNING BASIN- PIER 151	8	7/31/92	1.0	NT	95.80	2.00	ns	NT	0.187	-9.000
40003.3	TURNING BASIN- PIER 151	9	7/31/92	1.0	NT	92.20	6.30	ns	NT	0.157	-9.000
40004.1	LOWER MAIN CHANNEL	10	7/29/92	1.0	NT	93.70	1.20	ns	NT	0.102	-9.000
40004.2	LOWER MAIN CHANNEL	11	7/29/92	1.0	NT	95.20	3.10	ns	NT	0.120	-9.000
40004.3	LOWER MAIN CHANNEL	12	7/29/92	1.0	NT	96.90	1.20	ns	NT	0.113	-9.000
40005.1	EAST BASIN- TURNING BASIN	13	7/30/92	1.0	NT	97.50	2.70	ns	NT	0.076	-9.000
40005.2	EAST BASIN- TURNING BASIN	14	7/30/92	1.0	NT	94.00	3.70	ns	NT	0.083	-9.000
40005.3	EAST BASIN- TURNING BASIN	15	7/30/92	1.0	T	77.90	10.40	ns	NT	0.106	-9.000
40006.1	CONSOLIDATED SLIP	16	7/31/92	1.0	NT	92.90	3.10	ns	NT	0.028	-9.000
40006.2	CONSOLIDATED SLIP	17	7/31/92	1.0	T	0.40	0.70	*	T	0.433	-9.000
40006.3	CONSOLIDATED SLIP	18	7/31/92	1.0	T	44.80	38.00	*	T	0.088	-9.000
40032.1	SAN PEDRO BAY- POLA 19	79	7/30/92	1.0	NT	97.90	2.70	ns	NT	0.162	-9.000
40032.2	SAN PEDRO BAY- POLA 19	80	7/30/92	1.0	T	83.80	8.20	ns	NT	0.138	-9.000
40032.3	SAN PEDRO BAY- POLA 19	81	7/30/92	1.0	T	91.60	5.00	ns	NT	0.168	-9.000
40033.1	OUTER HARBOR- POLA 10	82	7/30/92	1.0	T	25.50	20.90	*	T	0.139	-9.000
40033.2	OUTER HARBOR- POLA 10	83	7/30/92	1.0	NT	96.90	2.90	ns	NT	0.127	-9.000
40033.3	OUTER HARBOR- POLA 10	84	7/30/92	1.0	NT	90.60	5.10	ns	NT	0.124	-9.000
40008.1	EAST BASIN- PIER C	22	8/18/92	2.0	T	94.70	3.10	ns	NT	0.066	-9.000
40008.2	EAST BASIN- PIER C	23	8/18/92	2.0	NT	97.60	0.70	ns	NT	0.053	-9.000
40008.3	EAST BASIN- PIER C	24	8/18/92	2.0	NT	92.80	3.00	ns	NT	0.072	-9.000
40009.1	WEST BASIN ENTRANCE	25	8/18/92	2.0	NT	95.20	1.10	ns	NT	0.040	-9.000
40009.2	WEST BASIN ENTRANCE	26	8/18/92	2.0	NT	94.90	1.90	ns	NT	0.075	-9.000
40009.3	WEST BASIN ENTRANCE	27	8/18/92	2.0	NT	94.70	3.00	ns	NT	0.067	-9.000
40010.1	OFF CABRILLO BEACH	28	8/18/92	2.0	NT	96.90	2.20	ns	NT	0.022	-9.000
40010.2	OFF CABRILLO BEACH	29	8/18/92	2.0	NT	96.10	1.50	ns	NT	0.025	-9.000
40010.3	OFF CABRILLO BEACH	30	8/18/92	2.0	NT	92.40	8.20	ns	NT	0.025	-9.000
40012.1	SOUTHEAST BASIN	34	8/18/92	2.0	NT	95.80	2.60	ns	NT	0.044	-9.000
40012.2	SOUTHEAST BASIN	35	8/18/92	2.0	NT	97.50	0.80	ns	NT	0.046	-9.000
40012.3	SOUTHEAST BASIN	36	8/18/92	2.0	NT	93.70	1.20	ns	NT	0.050	-9.000
40015.1	FISH HARBOR ENTRANCE	43	8/19/92	2.0	NT	95.70	1.50	ns	NT	0.084	-9.000
40015.2	FISH HARBOR ENTRANCE	44	8/19/92	2.0	NT	98.20	1.00	ns	NT	0.110	-9.000
40015.3	FISH HARBOR ENTRANCE	45	8/19/92	2.0	NT	97.70	1.40	ns	NT	0.054	-9.000
40016.1	TERMINAL ISLAND STP	46	8/18/92	2.0	NT	97.10	1.70	ns	NT	0.048	-9.000

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STANUM	STATION	IDORG	DATE	LEG	HRP50_TOX	HRP25_MN	HRP25_SD	HRP25_SG	HRP25_TOX	HRP_IUNH3	HRP_ITNH3
40016.2	TERMINAL ISLAND STP	47	8/18/92	2.0	NT	96.50	1.50	ns	NT	0.089	-9.000
40016.3	TERMINAL ISLAND STP	48	8/18/92	2.0	NT	95.80	2.70	ns	NT	0.063	-9.000
40019.1	INNER FISH HARBOR	55	8/19/92	2.0	T	0.00	0.00	*	T	0.505	-9.000
40019.2	INNER FISH HARBOR	56	8/19/92	2.0	NT	95.80	0.50	ns	NT	0.092	-9.000
40019.3	INNER FISH HARBOR	57	8/19/92	2.0	T	93.00	3.20	ns	NT	0.413	-9.000
40030.1	SAN PEDRO BREAKWATER	73	8/19/92	2.0	T	35.50	6.50	*	T	0.077	-9.000
40030.2	SAN PEDRO BREAKWATER	74	8/19/92	2.0	T	90.00	5.60	ns	NT	0.090	-9.000
40030.3	SAN PEDRO BREAKWATER	75	8/19/92	2.0	NT	94.70	1.30	ns	NT	0.143	-9.000
40032.1	SAN PEDRO BAY- POLA 19	103	8/19/92	2.0	T	90.10	8.10	ns	NT	0.109	-9.000
40032.2	SAN PEDRO BAY- POLA 19	104	8/19/92	2.0	T	9.60	5.60	*	T	0.117	-9.000
40032.3	SAN PEDRO BAY- POLA 19	105	8/19/92	2.0	T	60.60	31.70	ns	NT	0.119	-9.000
40007.1	LONG BEACH HARBOR- CHANNEL 2	19	9/1/92	3.0	NT	90.70	2.60	ns	NT	0.025	-9.000
40007.2	LONG BEACH HARBOR- CHANNEL 2	20	9/1/92	3.0	T	36.60	20.50	*	T	0.011	-9.000
40007.3	LONG BEACH HARBOR- CHANNEL 2	21	9/1/92	3.0	T	88.20	5.10	ns	NT	0.006	-9.000
40011.1	INNER HARBOR- CHANNEL 3	31	9/1/92	3.0	NT	90.00	1.70	ns	NT	0.011	-9.000
40011.2	INNER HARBOR- CHANNEL 3	32	9/1/92	3.0	T	87.60	3.60	ns	NT	0.003	-9.000
40011.3	INNER HARBOR- CHANNEL 3	33	9/1/92	3.0	T	62.20	30.60	ns	NT	0.004	-9.000
40013.1	INNER QUEENSWAY BAY	37	9/2/92	3.0	NT	90.80	1.50	ns	NT	0.141	-9.000
40013.2	INNER QUEENSWAY BAY	38	9/2/92	3.0	NT	88.40	1.20	ns	NT	0.123	-9.000
40013.3	INNER QUEENSWAY BAY	39	9/2/92	3.0	NT	92.20	2.80	ns	NT	0.084	-9.000
40014.1	OUTER QUEENSWAY BAY	40	9/2/92	3.0	NT	86.90	1.40	*	NT	0.110	-9.000
40014.2	OUTER QUEENSWAY BAY	41	9/2/92	3.0	T	90.80	4.00	ns	NT	0.332	-9.000
40014.3	OUTER QUEENSWAY BAY	42	9/2/92	3.0	NT	89.20	3.80	ns	NT	0.172	-9.000
40017.1	LONG BEACH CHANNEL	49	9/2/92	3.0	T	93.70	0.30	ns	NT	0.011	-9.000
40017.2	LONG BEACH CHANNEL	50	9/2/92	3.0	NT	91.60	2.00	ns	NT	0.016	-9.000
40017.3	LONG BEACH CHANNEL	51	9/2/92	3.0	NT	91.70	2.10	ns	NT	0.052	-9.000
40018.1	LONG BEACH OUTER HARBOR- 18	52	9/2/92	3.0	NT	90.00	5.30	ns	NT	0.047	-9.000
40018.2	LONG BEACH OUTER HARBOR- 18	53	9/2/92	3.0	T	94.20	1.80	ns	NT	0.005	-9.000
40018.3	LONG BEACH OUTER HARBOR- 18	54	9/2/92	3.0	NT	93.30	2.30	ns	NT	0.055	-9.000
40020.1	LONG BEACH OUTER HARBOR- 20	58	9/2/92	3.0	T	64.30	47.60	ns	NT	0.039	-9.000
40020.2	LONG BEACH OUTER HARBOR- 20	59	9/2/92	3.0	T	90.60	2.20	ns	NT	0.024	-9.000
40020.3	LONG BEACH OUTER HARBOR- 20	60	9/2/92	3.0	NT	91.10	3.00	ns	NT	0.042	-9.000
40031.1	PALOS VERDES- SWARTZ 6	76	9/1/92	3.0	NT	88.60	2.60	ns	NT	0.017	-9.000
40031.2	PALOS VERDES- SWARTZ 6	77	9/1/92	3.0	NT	92.00	2.70	ns	NT	0.036	-9.000
40031.3	PALOS VERDES- SWARTZ 6	78	9/1/92	3.0	T	88.20	0.90	*	NT	0.017	-9.000
40021.1	ALAMITOS BAY- MARINE STADIUM	61	9/16/92	4.0	T	96.50	2.30	ns	NT	0.023	-9.000
40021.2	ALAMITOS BAY- MARINE STADIUM	62	9/16/92	4.0	T	91.40	7.10	ns	NT	0.062	-9.000
40021.3	ALAMITOS BAY- MARINE STADIUM	63	9/16/92	4.0	T	96.20	2.50	ns	NT	0.067	-9.000
40022.1	ALAMITOS BAY- ENTRANCE	64	9/15/92	4.0	T	97.00	1.60	ns	NT	0.040	-9.000
40022.2	ALAMITOS BAY- ENTRANCE	65	9/15/92	4.0	T	46.20	24.20	*	T	0.021	-9.000

Haliotis rufescens Larval Shell Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	HRP50_TOX	HRP25_MN	HRP25_SD	HRP25_SG	HRP25_TOX	HRP_IUNH3	HRP_ITNH3
40022.3	ALAMITOS BAY- ENTRANCE	66	9/15/92	4.0	T	66.10	21.40	ns	NT	0.070	-9.000
40023.1	ALAMITOS BAY- LONG BEACH	67	9/16/92	4.0	T	96.80	3.50	ns	NT	0.025	-9.000
40023.2	ALAMITOS BAY- LONG BEACH	68	9/16/92	4.0	T	61.20	27.10	ns	NT	0.114	-9.000
40023.3	ALAMITOS BAY- LONG BEACH	69	9/16/92	4.0	T	81.20	21.40	ns	NT	0.069	-9.000
40010.1	OFF CABRILLO BEACH	136	9/16/92	4.0	T	52.90	31.90	ns	NT	0.002	-9.000
40010.2	OFF CABRILLO BEACH	137	9/16/92	4.0	T	47.60	7.10	*	T	0.006	-9.000
40010.3	OFF CABRILLO BEACH	138	9/16/92	4.0	T	50.10	19.20	*	T	0.004	-9.000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9.00	-9.00	-9	-9	0.030	-9.000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9.00	-9.00	-9	-9	0.024	-9.000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9.00	-9.00	-9	-9	0.034	-9.000

Haliotis rufescens Larval Shell Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	HRP_IH2S	HRP_BATCH	HRPQC
40001.1	SOUTHWEST SLIP	1	7/29/92	1.0	0.0038	-9	-9
40001.2	SOUTHWEST SLIP	2	7/29/92	1.0	0.0018	-9	-9
40001.3	SOUTHWEST SLIP	3	7/29/92	1.0	0.0008	-9	-9
40002.1	WEST BASIN- PIER 143	4	7/30/92	1.0	-8.0000	-9	-9
40002.2	WEST BASIN- PIER 143	5	7/30/92	1.0	0.0022	-9	-9
40002.3	WEST BASIN- PIER 143	6	7/30/92	1.0	-8.0000	-9	-9
40003.1	TURNING BASIN- PIER 151	7	7/31/92	1.0	0.0008	-9	-9
40003.2	TURNING BASIN- PIER 151	8	7/31/92	1.0	0.0001	-9	-9
40003.3	TURNING BASIN- PIER 151	9	7/31/92	1.0	-8.0000	-9	-9
40004.1	LOWER MAIN CHANNEL	10	7/29/92	1.0	-8.0000	-9	-9
40004.2	LOWER MAIN CHANNEL	11	7/29/92	1.0	0.0026	-9	-9
40004.3	LOWER MAIN CHANNEL	12	7/29/92	1.0	-8.0000	-9	-9
40005.1	EAST BASIN- TURNING BASIN	13	7/30/92	1.0	0.0012	-9	-9
40005.2	EAST BASIN- TURNING BASIN	14	7/30/92	1.0	-8.0000	-9	-9
40005.3	EAST BASIN- TURNING BASIN	15	7/30/92	1.0	-8.0000	-9	-9
40006.1	CONSOLIDATED SLIP	16	7/31/92	1.0	0.0012	-9	-9
40006.2	CONSOLIDATED SLIP	17	7/31/92	1.0	0.0008	-9	-9
40006.3	CONSOLIDATED SLIP	18	7/31/92	1.0	-8.0000	-9	-9
40032.1	SAN PEDRO BAY- POLA 19	79	7/30/92	1.0	-8.0000	-9	-9
40032.2	SAN PEDRO BAY- POLA 19	80	7/30/92	1.0	-8.0000	-9	-9
40032.3	SAN PEDRO BAY- POLA 19	81	7/30/92	1.0	-8.0000	-9	-9
40033.1	OUTER HARBOR- POLA 10	82	7/30/92	1.0	0.0014	-9	-9
40033.2	OUTER HARBOR- POLA 10	83	7/30/92	1.0	-8.0000	-9	-9
40033.3	OUTER HARBOR- POLA 10	84	7/30/92	1.0	-8.0000	-9	-9
40008.1	EAST BASIN- PIER C	22	8/18/92	2.0	-8.0000	-9	-9
40008.2	EAST BASIN- PIER C	23	8/18/92	2.0	-8.0000	-9	-9
40008.3	EAST BASIN- PIER C	24	8/18/92	2.0	-8.0000	-9	-9
40009.1	WEST BASIN ENTRANCE	25	8/18/92	2.0	-8.0000	-9	-9
40009.2	WEST BASIN ENTRANCE	26	8/18/92	2.0	-8.0000	-9	-9
40009.3	WEST BASIN ENTRANCE	27	8/18/92	2.0	-8.0000	-9	-9
40010.1	OFF CABRILLO BEACH	28	8/18/92	2.0	-8.0000	-9	-9
40010.2	OFF CABRILLO BEACH	29	8/18/92	2.0	-8.0000	-9	-9
40010.3	OFF CABRILLO BEACH	30	8/18/92	2.0	-8.0000	-9	-9
40012.1	SOUTHEAST BASIN	34	8/18/92	2.0	-8.0000	-9	-9
40012.2	SOUTHEAST BASIN	35	8/18/92	2.0	-8.0000	-9	-9
40012.3	SOUTHEAST BASIN	36	8/18/92	2.0	-8.0000	-9	-9
40015.1	FISH HARBOR ENTRANCE	43	8/19/92	2.0	-8.0000	-9	-9
40015.2	FISH HARBOR ENTRANCE	44	8/19/92	2.0	-8.0000	-9	-9
40015.3	FISH HARBOR ENTRANCE	45	8/19/92	2.0	-8.0000	-9	-9
40016.1	TERMINAL ISLAND STP	46	8/18/92	2.0	-8.0000	-9	-9

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STANUM	STATION	IDORG	DATE	LEG	HRP_IH2S	HRP_BATCH	HRPQC
40016.2	TERMINAL ISLAND STP	47	8/18/92	2.0	-8.0000	-9	-9
40016.3	TERMINAL ISLAND STP	48	8/18/92	2.0	-8.0000	-9	-9
40019.1	INNER FISH HARBOR	55	8/19/92	2.0	-8.0000	-9	-9
40019.2	INNER FISH HARBOR	56	8/19/92	2.0	-8.0000	-9	-9
40019.3	INNER FISH HARBOR	57	8/19/92	2.0	-8.0000	-9	-9
40030.1	SAN PEDRO BREAKWATER	73	8/19/92	2.0	-8.0000	-9	-9
40030.2	SAN PEDRO BREAKWATER	74	8/19/92	2.0	-8.0000	-9	-9
40030.3	SAN PEDRO BREAKWATER	75	8/19/92	2.0	-8.0000	-9	-9
40032.1	SAN PEDRO BAY- POLA 19	103	8/19/92	2.0	-8.0000	-9	-9
40032.2	SAN PEDRO BAY- POLA 19	104	8/19/92	2.0	-8.0000	-9	-9
40032.3	SAN PEDRO BAY- POLA 19	105	8/19/92	2.0	-8.0000	-9	-9
40007.1	LONG BEACH HARBOR- CHANNEL 2	19	9/1/92	3.0	-8.0000	-9	-9
40007.2	LONG BEACH HARBOR- CHANNEL 2	20	9/1/92	3.0	-8.0000	-9	-9
40007.3	LONG BEACH HARBOR- CHANNEL 2	21	9/1/92	3.0	-8.0000	-9	-9
40011.1	INNER HARBOR- CHANNEL 3	31	9/1/92	3.0	-8.0000	-9	-9
40011.2	INNER HARBOR- CHANNEL 3	32	9/1/92	3.0	-8.0000	-9	-9
40011.3	INNER HARBOR- CHANNEL 3	33	9/1/92	3.0	-8.0000	-9	-9
40013.1	INNER QUEENSWAY BAY	37	9/2/92	3.0	-8.0000	-9	-9
40013.2	INNER QUEENSWAY BAY	38	9/2/92	3.0	-8.0000	-9	-9
40013.3	INNER QUEENSWAY BAY	39	9/2/92	3.0	-8.0000	-9	-9
40014.1	OUTER QUEENSWAY BAY	40	9/2/92	3.0	-8.0000	-9	-9
40014.2	OUTER QUEENSWAY BAY	41	9/2/92	3.0	-8.0000	-9	-9
40014.3	OUTER QUEENSWAY BAY	42	9/2/92	3.0	-8.0000	-9	-9
40017.1	LONG BEACH CHANNEL	49	9/2/92	3.0	0.0025	-9	-9
40017.2	LONG BEACH CHANNEL	50	9/2/92	3.0	-8.0000	-9	-9
40017.3	LONG BEACH CHANNEL	51	9/2/92	3.0	-8.0000	-9	-9
40018.1	LONG BEACH OUTER HARBOR- 18	52	9/2/92	3.0	0.0008	-9	-9
40018.2	LONG BEACH OUTER HARBOR- 18	53	9/2/92	3.0	-8.0000	-9	-9
40018.3	LONG BEACH OUTER HARBOR- 18	54	9/2/92	3.0	-8.0000	-9	-9
40020.1	LONG BEACH OUTER HARBOR- 20	58	9/2/92	3.0	-8.0000	-9	-9
40020.2	LONG BEACH OUTER HARBOR- 20	59	9/2/92	3.0	-8.0000	-9	-9
40020.3	LONG BEACH OUTER HARBOR- 20	60	9/2/92	3.0	-8.0000	-9	-9
40031.1	PALOS VERDES- SWARTZ 6	76	9/1/92	3.0	0.0017	-9	-9
40031.2	PALOS VERDES- SWARTZ 6	77	9/1/92	3.0	-8.0000	-9	-9
40031.3	PALOS VERDES- SWARTZ 6	78	9/1/92	3.0	-8.0000	-9	-9
40021.1	ALAMITOS BAY- MARINE STADIUM	61	9/16/92	4.0	-8.0000	-9	-9
40021.2	ALAMITOS BAY- MARINE STADIUM	62	9/16/92	4.0	-8.0000	-9	-9
40021.3	ALAMITOS BAY- MARINE STADIUM	63	9/16/92	4.0	-8.0000	-9	-9
40022.1	ALAMITOS BAY- ENTRANCE	64	9/15/92	4.0	-8.0000	-9	-9
40022.2	ALAMITOS BAY- ENTRANCE	65	9/15/92	4.0	-8.0000	-9	-9

Haliotis rufescens Larval Shell Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	HRP_IH2S	HRP_BATCH	HRPOC
40022.3	ALAMITOS BAY- ENTRANCE	66	9/15/92	4.0	-8.0000	-9	-9
40023.1	ALAMITOS BAY- LONG BEACH	67	9/16/92	4.0	-8.0000	-9	-9
40023.2	ALAMITOS BAY- LONG BEACH	68	9/16/92	4.0	-8.0000	-9	-9
40023.3	ALAMITOS BAY- LONG BEACH	69	9/16/92	4.0	-8.0000	-9	-9
40010.1	OFF CABRILLO BEACH	136	9/16/92	4.0	-8.0000	-9	-9
40010.2	OFF CABRILLO BEACH	137	9/16/92	4.0	-8.0000	-9	-9
40010.3	OFF CABRILLO BEACH	138	9/16/92	4.0	-8.0000	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-8.0000	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	-8.0000	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-8.0000	-9	-9

Section 5

Strongylocentrotus purpuratus Fertilization in Porewater

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPF100_MN	SPPF100_SD	SPPF100_SG	SPPF100TOX	SPPF50_MN	SPPF50_SD
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	58.60	12.10	*	-9	-9.00	-9.00
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	3.40	3.10	*	-9	-9.00	-9.00
44014.0	MARINA DEL REY	614	1/14/93	11.0	57.80	26.90	*	-9	-9.00	-9.00
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44020.0	SHORELINE MARINA	620	1/14/93	11.0	14.60	6.70	*	-9	-9.00	-9.00
44021.0	VENTURA MARINA	621	1/13/93	11.0	39.50	18.70	*	-9	-9.00	-9.00
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	42.40	21.30	*	-9	-9.00	-9.00
44024.0	BALLONA CREEK	624	1/14/93	11.0	0.00	0.00	*	-9	-9.00	-9.00
44026.0	SIM'S POND	626	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	30.60	17.60	*	-9	-9.00	-9.00
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	38.60	13.30	*	-9	-9.00	-9.00
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	78.50	11.40	ns	-9	-9.00	-9.00
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	0.00	0.00	*	-9	-9.00	-9.00
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9.00	-9.00	-9	-9	-9.00	-9.00
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	95.20	2.80	*	-9	98.10	1.60
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	89.70	4.50	*	-9	87.50	10.80
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	0.00	0.00	*	-9	0.00	0.00
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	80.80	9.80	*	-9	93.40	9.30
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	82.90	12.90	*	-9	81.20	16.00
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	61.80	9.90	*	-9	88.10	8.90
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	0.00	0.00	*	-9	0.00	0.00
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	0.00	0.00	*	-9	47.20	9.80
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	86.90	10.20	ns	-9	68.40	10.50
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	79.80	7.00	ns	-9	76.30	9.30
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	78.90	12.00	ns	-9	90.20	9.80
40009.1	WEST BASIN ENTRANCE-REF 1	834	6/17/93	20.0	3.30	4.30	*	-9	89.40	4.40
40009.1	WEST BASIN ENTRANCE-REF 2	835	6/17/93	20.0	2.80	4.20	*	-9	90.80	2.40
40009.1	WEST BASIN ENTRANCE-REF 3	836	6/17/93	20.0	81.90	2.80	ns	-9	83.80	8.90
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	82.90	12.60	ns	-9	92.00	2.50
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	95.80	2.00	ns	-9	97.10	2.00
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	96.10	2.00	ns	-9	97.70	1.40
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	0.80	0.80	*	-9	0.30	0.60
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	0.60	1.10	*	-9	1.00	0.90

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPF100_MN	SPPF100_SD	SPPF100_SG	SPPF100TOX	SPPF50_MN	SPPF50_SD
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	1.20	0.50	*	-9	1.60	2.00
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	24.70	9.40	*	-9	93.50	0.40
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	4.90	3.20	*	-9	19.00	3.30
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	5.60	7.40	*	-9	73.50	5.20
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	82.40	7.30	*	-9	79.00	6.90

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPF50_SG	SPPF50_TOX	SPPF25_MN	SPPF25_SD	SPPF25_SG	SPPF25_TOX	SPPF_ITNH3
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	ns	-9	97.80	3.80	ns	-9	-9.000
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	ns	-9	97.70	1.20	*	-9	-9.000
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	*	-9	0.00	0.00	*	-9	-9.000
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	ns	-9	88.70	8.80	*	-9	-9.000
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	*	-9	95.90	2.00	*	-9	-9.000
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	ns	-9	95.20	1.90	ns	-9	-9.000
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	*	-9	81.90	8.40	ns	-9	-9.000
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	*	-9	87.10	1.00	ns	-9	-9.000
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	*	-9	85.50	12.10	ns	-9	-9.000
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	*	-9	77.30	3.70	*	-9	-9.000
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	ns	-9	76.10	26.40	ns	-9	-9.000
40009.1	WEST BASIN ENTRANCE-REF 1	834	6/17/93	20.0	ns	-9	59.90	49.40	ns	-9	-9.000
40009.1	WEST BASIN ENTRANCE-REF 2	835	6/17/93	20.0	ns	-9	85.10	12.50	ns	-9	-9.000
40009.1	WEST BASIN ENTRANCE-REF 3	836	6/17/93	20.0	ns	-9	74.20	10.40	ns	-9	-9.000
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	ns	-9	97.10	0.90	ns	-9	-9.000
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	ns	-9	82.40	6.50	*	-9	-9.000
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	ns	-9	97.00	3.00	ns	-9	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	*	-9	0.50	0.40	*	-9	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	*	-9	0.70	0.70	*	-9	-9.000

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPF50_SG	SPPF50_TOX	SPPF25_MN	SPPF25_SD	SPPF25_SG	SPPF25_TOX	SPPF_ITNH3
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	*	-9	2.20	1.50	*	-9	-9.000
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	ns	-9	39.70	46.20	ns	-9	-9.000
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	*	-9	62.10	44.90	ns	-9	-9.000
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	*	-9	24.60	19.00	*	-9	-9.000
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	*	-9	87.20	21.40	ns	-9	-9.000

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPF_IUNH3	SPPF_IH2S	SPPF_BATCH	SPPFQC
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	0.028	-8.0000	-9	-9
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	0.067	0.0001	-9	-9
44014.0	MARINA DEL REY	614	1/14/93	11.0	0.039	0.0004	-9	-9
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9.000	-9.0000	-9	-9
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9.000	-9.0000	-9	-9
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9.000	-9.0000	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	0.054	-8.0000	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	0.022	-8.0000	-9	-9
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	0.026	-8.0000	-9	-9
44024.0	BALLONA CREEK	624	1/14/93	11.0	0.229	0.0040	-9	-9
44026.0	SIM'S POND	626	1/14/93	11.0	-9.000	-9.0000	-9	-9
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.000	-9.0000	-9	-9
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9.000	-9.0000	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	0.053	-8.0000	-9	-9
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	0.043	-8.0000	-9	-9
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	0.053	0.0001	-9	-9
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	0.173	-8.0000	-9	-9
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9.000	-9.0000	-9	-9
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9.000	-9.0000	-9	-9
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	0.020	-8.0000	-9	-9
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	0.016	-8.0000	-9	-9
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	0.023	-8.0000	-9	-9
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	0.014	-8.0000	-9	-9
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	0.015	-8.0000	-9	-9
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	0.031	-8.0000	-9	-9
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	0.008	-8.0000	-9	-9
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	0.010	-8.0000	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	0.108	-8.0000	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	0.016	-8.0000	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	0.046	-8.0000	-9	-9
40009.1	WEST BASIN ENTRANCE-REF 1	834	6/17/93	20.0	0.076	-8.0000	-9	-9
40009.1	WEST BASIN ENTRANCE-REF 2	835	6/17/93	20.0	0.025	-8.0000	-9	-9
40009.1	WEST BASIN ENTRANCE-REF 3	836	6/17/93	20.0	0.078	-8.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	0.028	-8.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	0.024	-8.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	0.020	-8.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	0.048	-8.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	0.039	-8.0000	-9	-9

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

<u>STANUM</u>	<u>STATION</u>	<u>IDORG</u>	<u>DATE</u>	<u>LEG</u>	<u>SPPF_IUNH3</u>	<u>SPPF_IH2S</u>	<u>SPPF_BATCH</u>	<u>SPPFOC</u>
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	0.090	-8.0000	-9	-9
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	0.037	-8.0000	-9	-9
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	0.045	-8.0000	-9	-9
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	0.038	-8.0000	-9	-9
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	0.029	-8.0000	-9	-9

Section 6

Strongylocentrotus purpuratus Development in Porewater

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPD100_MN	SPPD100_SD	SPPD100_SG	SPPD100TOX	SPPD50_MN	SPPD50_SD
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	0.00	0.00	*	T	-9.00	-9.00
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	0.00	0.00	*	T	-9.00	-9.00
44014.0	MARINA DEL REY	614	1/14/93	11.0	2.00	2.40	*	T	-9.00	-9.00
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44020.0	SHORELINE MARINA	620	1/14/93	11.0	87.20	4.10	*	NT	-9.00	-9.00
44021.0	VENTURA MARINA	621	1/13/93	11.0	14.00	12.10	*	T	-9.00	-9.00
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	1.00	1.00	*	T	-9.00	-9.00
44024.0	BALLONA CREEK	624	1/14/93	11.0	0.00	0.00	*	T	-9.00	-9.00
44026.0	SIM'S POND	626	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	74.50	16.60	*	NT	-9.00	-9.00
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	10.40	10.60	*	T	-9.00	-9.00
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	0.00	0.00	*	T	-9.00	-9.00
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	0.00	0.00	*	T	-9.00	-9.00
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9.00	-9.00	-9	-9	-9.00	-9.00
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	96.80	1.70		NT	96.40	1.10
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	98.70	1.10	*	NT	80.70	18.40
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	94.90	0.50	ns	NT	93.10	0.80
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	90.50	8.50	ns	NT	83.00	10.10
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	89.40	12.50	ns	NT	86.40	2.80
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	0.00	0.00	*	T	93.10	2.80
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	0.00	0.00	*	T	0.00	0.00
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	52.40	30.30	ns	NT	95.20	1.50
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	0.00	0.00	*	T	0.00	0.00
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	0.00	0.00	*	T	0.00	0.00
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	0.00	0.00	*	T	13.40	15.80
40009.1	WEST BASIN ENTRANCE-REF 1	834	6/17/93	20.0	0.00	0.00	*	T	13.50	19.20
40009.1	WEST BASIN ENTRANCE-REF 2	835	6/17/93	20.0	0.00	0.00	*	T	15.40	0.80
40009.1	WEST BASIN ENTRANCE-REF 3	836	6/17/93	20.0	54.50	10.40	*	NT	76.30	0.60
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	0.00	0.00	*	T	91.10	2.80
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	0.00	0.00	*	T	90.90	6.90
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	0.00	0.00	*	T	33.90	11.10
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	0.00	0.00	*	T	1.90	3.20
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	0.00	0.00	*	T	0.00	0.00

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPD100_MN	SPPD100_SD	SPPD100_SG	SPPD100TOX	SPPD50_MN	SPPD50_SD
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	86.20	3.70	*	NT	97.40	2.20
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	26.60	23.10	*	T	0.00	0.00
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	46.10	16.40	*	T	95.50	2.20
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	5.30	9.20	*	T	30.90	25.40
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	94.60	2.60	ns	NT	96.30	1.50
	CONTROL-C1			45.0	88.00	4.00	-9	-9	-9.00	-9.00
	CONTROL-C2			45.0	90.00	3.00	-9	-9	-9.00	-9.00
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	40.00	25.00	*	T	-9.00	-9.00
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	63.00	21.00	*	T	-9.00	-9.00
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	44.00	21.00	*	T	-9.00	-9.00
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	0.00	0.00	*	T	-9.00	-9.00
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	0.00	0.00	*	T	-9.00	-9.00
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	90.00	1.00	ns	NT	-9.00	-9.00
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	0.00	0.00	*	T	-9.00	-9.00
44014.0	MARINA DEL REY	1630	6/19/96	45.0	88.00	5.00	ns	NT	-9.00	-9.00
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	0.00	0.00	*	T	-9.00	-9.00
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	0.00	0.00	*	T	-9.00	-9.00

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPD50_SG	SPPD50_TOX	SPPD25_MN	SPPD25_SD	SPPD25_SG	SPPD25_TOX
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9	-9	-9.00	-9.00	-9	-9
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9	-9	-9.00	-9.00	-9	-9
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	ns	NT	90.30	3.80	ns	NT
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	ns	NT	87.60	7.10	ns	NT
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	ns	NT	90.30	1.00	ns	NT
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	ns	NT	89.40	5.50	ns	NT
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	ns	NT	86.70	3.20	ns	NT
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	ns	NT	-9.00	-9.00	-9	-9
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	*	T	-9.00	-9.00	-9	-9
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	ns	NT	-9.00	-9.00	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	*	T	0.00	0.00	*	T
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	*	T	41.30	20.00	*	T
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	*	T	62.70	54.30	ns	NT
40009.1	WEST BASIN ENTRANCE-REP 1	834	6/17/93	20.0	*	T	78.50	4.10	*	NT
40009.1	WEST BASIN ENTRANCE-REP 2	835	6/17/93	20.0	*	T	89.10	2.70	ns	NT
40009.1	WEST BASIN ENTRANCE-REP 3	836	6/17/93	20.0	*	NT	87.90	3.80	ns	NT
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	*	NT	89.00	10.90	ns	NT
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	ns	NT	93.70	0.90	*	NT
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	*	T	81.40	20.70	ns	NT
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	*	T	93.00	3.00	ns	NT
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	*	T	93.20	1.00	ns	NT

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPD50_SG	SPPD50_TOX	SPPD25_MN	SPPD25_SD	SPPD25_SG	SPPD25_TOX
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	ns	NT	96.80	3.00	ns	NT
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	*	T	12.20	21.20	*	T
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	ns	NT	96.10	2.60	ns	NT
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	*	T	38.40	3.90	*	T
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	ns	NT	64.00	54.60	ns	NT
	CONTROL-C1			45.0	-9	-9	-9.00	-9.00	-9	-9
	CONTROL-C2			45.0	-9	-9	-9.00	-9.00	-9	-9
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	-9	-9	-9.00	-9.00	-9	-9
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	-9	-9	-9.00	-9.00	-9	-9
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44014.0	MARINA DEL REY	1630	6/19/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	-9	-9	-9.00	-9.00	-9	-9

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPD_BATCH	SPPDQC	SPPD_ITNH3	SPPD_IUNH3	SPPD_IH2S
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9	-9.000	0.028	-8.0000
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9	-9.000	0.067	0.0001
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9	-9.000	0.039	0.0004
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9	-9.000	-9.000	-9.0000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9	-9.000	-9.000	-9.0000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9	-9.000	-9.000	-9.0000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9	-9.000	0.054	-8.0000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9	-9.000	0.022	-8.0000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9	-9.000	0.026	-8.0000
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9	-9.000	0.229	0.0040
44026.0	SIMS POND	626	1/14/93	11.0	-9	-9	-9.000	-9.000	-9.0000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9	-9.000	-9.000	-9.0000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9	-9.000	-9.000	-9.0000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9	-9.000	0.053	-8.0000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9	-9.000	0.043	-8.0000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9	-9.000	0.053	0.0001
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9	-9	-9.000	0.173	-8.0000
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9	-9	-9.000	-9.000	-9.0000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9	-9	-9.000	-9.000	-9.0000
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	B018SPDA01	-4	-9.000	0.021	-8.0000
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	B018SPDA01	-4	-9.000	0.011	-8.0000
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	B018SPDA01	-4	-9.000	0.034	-8.0000
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	B018SPDA01	-4	-9.000	0.015	-8.0000
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	B018SPDA01	-4	-9.000	0.018	-8.0000
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	-9	-9	-9.000	0.071	-8.0000
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	-9	-9	-9.000	0.008	-8.0000
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	-9	-9	-9.000	0.021	-8.0000
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	-9	-9	-9.000	0.108	-8.0000
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	-9	-9	-9.000	0.041	-8.0000
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	-9	-9	-9.000	0.046	-8.0000
40009.1	WEST BASIN ENTRANCE-REF 1	834	6/17/93	20.0	-9	-9	-9.000	0.076	-8.0000
40009.1	WEST BASIN ENTRANCE-REF 2	835	6/17/93	20.0	-9	-9	-9.000	0.025	-8.0000
40009.1	WEST BASIN ENTRANCE-REF 3	836	6/17/93	20.0	-9	-9	-9.000	0.078	-8.0000
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	-9	-9	-9.000	0.024	-8.0000
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	-9	-9	-9.000	0.024	-8.0000
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	-9	-9	-9.000	0.026	-8.0000
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	-9	-9	-9.000	0.030	-8.0000
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	-9	-9	-9.000	0.029	-8.0000

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPD_BATCH	SPPDQC	SPPD_ITNH3	SPPD_IUNH3	SPPD_IH2S
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	-9	-9	-9.000	0.022	0.0014
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	-9	-9	-9.000	0.015	0.0003
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	-9	-9	-9.000	0.026	-8.0000
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	-9	-9	-9.000	0.028	-8.0000
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	-9	-9	-9.000	0.024	-8.0000
	CONTROL-C1			45.0	145tspd.xl	-4	1.600	0.049	-9.0000
	CONTROL-C2			45.0	145tspd.xl	-4	0.860	0.027	-9.0000
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	145tspd.xl	-4	3.600	0.083	0.0253
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	145tspd.xl	-4	2.100	0.044	0.0325
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	145tspd.xl	-4	2.200	0.021	0.1300
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	145tspd.xl	-4	5.700	0.035	0.0482
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	145tspd.xl	-4	4.900	0.070	0.1199
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	145tspd.xl	-4	1.200	0.035	0.0026
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	145tspd.xl	-4	4.400	0.181	0.0238
44014.0	MARINA DEL REY	1630	6/19/96	45.0	145tspd.xl	-4	0.980	0.016	0.0020
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	145tspd.xl	-4	5.500	0.212	0.0429
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	145tspd.xl	-4	1.400	0.034	0.0246

Section 7

Strongylocentrotus purpuratus Development in Intact Sediment Cores

Strongylocentrotus purpuratus Development Toxicity Test for Intact Sediment Cores

STANUM	STATION	IDORG	DATE	LEG	SPDI_MN	SPDI_SD	SPDI_SG	SPDI_TOX	SPDI_BATCH	SPDIQC	SPDI_OTNH3
	CONTROL-C1			45.0	94.00	2.00	-9	-9	145tswi.xl	-4	0.620
	CONTROL-C1			48.0	96.00	4.00	-9	-9	148tspdswi	-4	1.100
48001.0	MARINA DEL REY - A1 (X1)	1686	2/5/97	48.0	91.00	7.00	ns	NT	148tspdswi	-4	-8.000
48002.0	MARINA DEL REY - A2 (X2)	1687	2/5/97	48.0	38.00	28.00	*	T	148tspdswi	-4	2.500
48003.0	MARINA DEL REY - B1 (X1)	1688	2/5/97	48.0	78.00	21.00	ns	NT	148tspdswi	-4	2.800
48004.0	MARINA DEL REY - B2 (X1)	1689	2/5/97	48.0	90.00	8.00	ns	NT	148tspdswi	-4	1.400
48005.0	MARINA DEL REY - C1 (X1)	1690	2/5/97	48.0	57.00	39.00	*	NT	148tspdswi	-4	5.100
48006.0	SHORELINE MARINA A1 (X1)	1691	2/4/97	48.0	86.00	12.00	ns	NT	148tspdswi	-4	1.900
48007.0	SHORELINE MARINA B1 (X1)	1692	2/4/97	48.0	98.00	2.00	ns	NT	148tspdswi	-4	0.450
48008.0	SHORELINE MARINA C1 (X1)	1693	2/4/97	48.0	96.00	2.00	ns	NT	148tspdswi	-4	1.100
48009.0	SAN PEDRO BAY OUTER HARBOR	1694	2/4/97	48.0	95.00	6.00	ns	NT	148tspdswi	-4	1.300
40018.3	LONG BEACH OUTER HARBOR - 18	1695	2/4/97	48.0	97.00	4.00	ns	NT	148tspdswi	-4	0.600
40020.2	LONG BEACH OUTER HARBOR - 20	1696	2/4/97	48.0	95.00	2.00	ns	NT	148tspdswi	-4	2.000
48010.0	TURNING BASIN	1697	2/4/97	48.0	72.00	41.00	ns	NT	148tspdswi	-4	37.000
40015.1	FISH HARBOR ENTRANCE	1698	2/4/97	48.0	93.00	7.00	ns	NT	148tspdswi	-4	2.900
40009.0	WEST BASIN ENTRANCE	1699	2/4/97	48.0	97.00	4.00	ns	NT	148tspdswi	-4	1.300
48011.0	KING HARBOR	1700	2/5/97	48.0	66.00	33.00	ns	NT	148tspdswi	-5	2.600
40023.1	ALAMITOS BAY-LONG BEACH MARINA	1701	2/4/97	48.0	65.00	30.00	*	NT	148tspdswi	-4	3.500
48012.0	CHANNEL IS. HARBOR - FRONT	1702	2/3/97	48.0	92.00	5.00	ns	NT	148tspdswi	-4	2.000
48013.0	WEST MUGU LAGOON - A1 (X2)	1703	2/6/97	48.0	97.00	2.00	ns	NT	148tspdswi	-5	1.400
48014.0	WEST MUGU LAGOON - A2 (X3)	1704	2/6/97	48.0	82.00	16.00	ns	NT	148tspdswi	-5	3.900
48015.0	CENTRAL MUGU LAGOON - B1 (X4)	1705	2/6/97	48.0	98.00	3.00	ns	NT	148tspdswi	-4	1.800
48016.0	CENTRAL MUGU LAGOON - B2 (X3)	1706	2/6/97	48.0	89.00	12.00	ns	NT	148tspdswi	-5	1.800
48017.0	EAST MUGU LAGOON - C1 (X1)	1707	2/6/97	48.0	13.00	14.00	*	T	148tspdswi	-5	5.800
48018.0	EAST MUGU LAGOON - C2 (X2)	1708	2/6/97	48.0	22.00	42.00	*	T	148tspdswi	-5	5.900
	CONTROL-C1			53.0	100.00	0.00	-9	-9	153tspdswi	-4	0.790
48009.0	SAN PEDRO BAY OUTER HARBOR	1769	5/13/97	53.0	63.00	43.00	ns	NT	153tspdswi	-4	0.560
40018.0	LONG BEACH OUTER HARBOR 18	1770	5/13/97	53.0	96.00	6.00	ns	NT	153tspdswi	-4	0.360
40020.0	LONG BEACH OUTER HARBOR 20	1771	5/13/97	53.0	89.00	3.00	*	NT	153tspdswi	-4	0.670
48010.0	TURNING BASIN	1772	5/13/97	53.0	87.00	9.00	*	NT	153tspdswi	-4	1.100
40015.0	FISH HARBOR ENTRANCE	1773	5/13/97	53.0	96.00	4.00	*	NT	153tspdswi	-4	1.500
40009.0	WEST BASIN ENTRANCE	1774	5/13/97	53.0	93.00	12.00	ns	NT	153tspdswi	-4	0.610
48011.0	KING HARBOR	1775	5/12/97	53.0	3.00	5.00	*	T	153tspdswi	-4	7.000
40023.0	ALAMITOS BAY-LONG BEACH MARINA	1776	5/13/97	53.0	51.00	35.00	*	T	153tspdswi	-4	5.300
48012.0	CHANNEL IS. HARBOR - FRONT	1777	5/12/97	53.0	70.00	41.00	ns	NT	153tspdswi	-4	3.900
49001.0	CABRILLO BEACH PIER - WEST	1778	5/13/97	53.0	-9.00	-9.00	-9	-9	153tspdswi	-9	-9.000
49002.0	CABRILLO BEACH PIER - CENTRAL	1779	5/13/97	53.0	-9.00	-9.00	-9	-9	153tspdswi	-9	-9.000
49003.0	CABRILLO BEACH PIER - EAST	1780	5/13/97	53.0	-9.00	-9.00	-9	-9	153tspdswi	-9	-9.000

Strongylocentrotus purpuratus Development Toxicity Test for Intact Sediment Cores

STANUM	STATION	IDORG	DATE	LEG	SPDI_MN	SPDI_SD	SPDI_SG	SPDI_TOX	SPDI_BATCH	SPDIQC	SPDI_OTNH3
	CONTROL-C1			54.0	97.00	1.00	-9	-9	154tspdswi	-4	1.300
49004.0	KAISER INTL.- BERTH 49	1793	8/21/97	54.0	-9.00	-9.00	-9	-9	-9	-9	-9.000
49005.0	KAISER INTL.- BERTH 48	1794	8/21/97	54.0	-9.00	-9.00	-9	-9	-9	-9	-9.000

Strongylocentrotus purpuratus Development Toxicity Test for Intact Sediment Cores

STANUM	STATION	IDORG	DATE	LEG	SPDI_OUNH3	SPDI_OH2S
	CONTROL-C1			45.0	0.015	-9.0000
	CONTROL-C1			48.0	0.030	-9.0000
48001.0	MARINA DEL REY - A1 (X1)	1686	2/5/97	48.0	-8.000	-8.0000
48002.0	MARINA DEL REY - A2 (X2)	1687	2/5/97	48.0	0.022	-8.0000
48003.0	MARINA DEL REY - B1 (X1)	1688	2/5/97	48.0	0.038	-8.0000
48004.0	MARINA DEL REY - B2 (X1)	1689	2/5/97	48.0	0.018	-8.0000
48005.0	MARINA DEL REY - C1 (X1)	1690	2/5/97	48.0	0.073	-8.0000
48006.0	SHORELINE MARINA A1 (X1)	1691	2/4/97	48.0	0.023	-8.0000
48007.0	SHORELINE MARINA B1 (X1)	1692	2/4/97	48.0	0.006	-8.0000
48008.0	SHORELINE MARINA C1 (X1)	1693	2/4/97	48.0	0.013	-8.0000
48009.0	SAN PEDRO BAY OUTER HARBOR	1694	2/4/97	48.0	0.017	-8.0000
40018.3	LONG BEACH OUTER HARBOR - 18	1695	2/4/97	48.0	0.010	-8.0000
40020.2	LONG BEACH OUTER HARBOR - 20	1696	2/4/97	48.0	0.027	-8.0000
48010.0	TURNING BASIN	1697	2/4/97	48.0	0.474	-8.0000
40015.1	FISH HARBOR ENTRANCE	1698	2/4/97	48.0	0.037	-8.0000
40009.0	WEST BASIN ENTRANCE	1699	2/4/97	48.0	0.026	-8.0000
48011.0	KING HARBOR	1700	2/5/97	48.0	0.036	-8.0000
40023.1	ALAMITOS BAY-LONG BEACH MARINA	1701	2/4/97	48.0	0.041	-8.0000
48012.0	CHANNEL IS. HARBOR - FRONT	1702	2/3/97	48.0	0.027	-8.0000
48013.0	WEST MUGU LAGOON - A1 (X2)	1703	2/6/97	48.0	0.010	-8.0000
48014.0	WEST MUGU LAGOON - A2 (X3)	1704	2/6/97	48.0	0.037	-8.0000
48015.0	CENTRAL MUGU LAGOON - B1 (X4)	1705	2/6/97	48.0	0.030	-8.0000
48016.0	CENTRAL MUGU LAGOON - B2 (X3)	1706	2/6/97	48.0	0.021	-8.0000
48017.0	EAST MUGU LAGOON - C1 (X1)	1707	2/6/97	48.0	0.065	0.0074
48018.0	EAST MUGU LAGOON - C2 (X2)	1708	2/6/97	48.0	0.081	-8.0000
	CONTROL-C1			53.0	0.013	-9.0000
48009.0	SAN PEDRO BAY OUTER HARBOR	1769	5/13/97	53.0	0.012	0.0014
40018.0	LONG BEACH OUTER HARBOR 18	1770	5/13/97	53.0	0.008	0.0072
40020.0	LONG BEACH OUTER HARBOR 20	1771	5/13/97	53.0	0.015	0.0078
48010.0	TURNING BASIN	1772	5/13/97	53.0	0.020	0.0035
40015.0	FISH HARBOR ENTRANCE	1773	5/13/97	53.0	0.038	0.0020
40009.0	WEST BASIN ENTRANCE	1774	5/13/97	53.0	0.014	0.0096
48011.0	KING HARBOR	1775	5/12/97	53.0	0.241	0.0038
40023.0	ALAMITOS BAY-LONG BEACH MARINA	1776	5/13/97	53.0	0.150	0.0139
48012.0	CHANNEL IS. HARBOR - FRONT	1777	5/12/97	53.0	0.115	0.0037
49001.0	CABRILLO BEACH PIER - WEST	1778	5/13/97	53.0	-9.000	-9.0000
49002.0	CABRILLO BEACH PIER - CENTRAL	1779	5/13/97	53.0	-9.000	-9.0000
49003.0	CABRILLO BEACH PIER - EAST	1780	5/13/97	53.0	-9.000	-9.0000

Strongylocentrotus purpuratus Development Toxicity Test for Intact Sediment Cores

STANUM	STATION	IDORG	DATE	LEG	SPDI_OUNH3	SPDI_OH2S
	CONTROL-C1			54.0	0.030	0.0038
49004.0	KAISER INTL.- BERTH 49	1793	8/21/97	54.0	-9.000	-9.0000
49005.0	KAISER INTL.- BERTH 48	1794	8/21/97	54.0	-9.000	-9.0000

Section 8

Mytilus Larval Shell Development in Subsurface Water

Mytilus Larval Shell Toxicity Test for Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	MES100_MN	MES100_SD	MES100_SG	MES100_TOX	MES_OUNH3	MES_OTNH3	MES_OH2S
44011.0	LOS CERRITOS CHNL TIDAL P	611	1/14/93	11.0	72.70	8.40	ns	NT	0.008	-9.000	-9.0000
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44016.0	MUGU LAGOON	616	1/12/93	11.0	73.70	8.90	ns	NT	0.012	-9.000	-9.0000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	76.50	6.30	ns	NT	-8.000	-9.000	-9.0000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	41.50	2.40	*	T	0.006	-9.000	-9.0000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	73.00	15.00	ns	NT	0.006	-9.000	-9.0000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44024.0	BALLONA CREEK	624	1/14/93	11.0	58.50	9.60	*	NT	0.011	-9.000	-9.0000
44026.0	SIM'S POND	626	1/14/93	11.0	71.50	20.20	ns	NT	-8.000	-9.000	-9.0000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	73.30	4.60	*	NT	0.010	-9.000	-9.0000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	78.70	7.00	ns	NT	0.008	-9.000	-9.0000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	75.30	5.60	ns	NT	-8.000	-9.000	-9.0000
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	100.00	0.00	ns	NT	0.017	-9.000	-9.0000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	100.00	0.00	*	T	0.016	-9.000	-9.0000

Mytilus Larval Shell Toxicity Test for Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	MES_BATCH	MESQC
44011.0	LOS CERRITOS CHNL TIDAL P	611	1/14/93	11.0	-9	-9
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9	-9
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9	-9
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9	-9

Section 9

Mytilus Larval Shell Development in Porewater

Mytilus Larval Shell Development Toxicity Test for Porewater

STANUM	STATION	IDORG	DATE	LEG	MEP100_MN	MEP100_SD	MEP100_SG	MEP100_TOX	MEP_ITNH3	MEP_JUNH3	MEP_IH2S
44011.0	LOS CERRITOS CHNL TIDAL P	611	1/14/93	11.0	100.00	0.00	*	NT	-9.000	0.200	-8.0000
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44016.0	MUGU LAGOON	616	1/12/93	11.0	100.00	0.00	*	NT	-9.000	0.077	-8.0000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	0.20	0.40	*	T	-9.000	0.448	0.0025
44018.0	MALIBU LAGOON	618	1/13/93	11.0	100.00	0.00	*	NT	-9.000	0.097	0.0004
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44026.0	SIM'S POND	626	1/14/93	11.0	46.70	7.90	*	T	-9.000	0.194	-8.0000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	4.00	8.90	*	T	-9.000	0.597	-8.0000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	100.00	0.00	*	NT	-9.000	0.070	-8.0000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	100.00	0.00	ns	NT	-9.000	0.019	-8.0000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	100.00	0.00	ns	NT	-9.000	0.022	-8.0000

Mytilus Larval Shell Development Toxicity Test for Porewater

STANUM	STATION	IDORG	DATE	LEG	MEP_BATCH	MEPQC
44011.0	LOS CERRITOS CHNL TIDAL P	611	1/14/93	11.0	-9	-9
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9	-9
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9	-9
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9	-9

Section 10

Neanthes arenaceodentata Survival in Sediment

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NASURV_MN	NASURV_SD	NASURV_SG	NASURV_TOX	NAWT_MN	NAWT_SD	NAWT_SG
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	96.00	8.90	ns	NT	13.80	3.20	ns
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	100.00	0.00	ns	NT	13.30	2.20	ns
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	100.00	0.00	ns	NT	13.20	2.10	ns
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	76.00	43.40	ns	NT	12.10	1.70	ns
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	100.00	0.00	ns	NT	13.40	3.30	ns
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	92.00	11.00	ns	NT	13.20	1.20	ns
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	100.00	0.00	ns	NT	12.10	2.30	ns
	CONTROL-CH3			25.0	100.00	0.00	-9	-9	12.20	4.63	-9
	CONTROL-CH2			25.0	100.00	0.00	-9	-9	11.52	3.92	-9
	CONTROL-CHI			25.0	100.00	0.00	-9	-9	10.76	2.07	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	100.00	0.00	ns	NT	11.18	4.33	ns
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	100.00	0.00	ns	NT	9.35	3.42	ns
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	92.00	10.95	ns	NT	9.64	3.03	ns
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	92.00	10.95	ns	NT	6.52	2.66	*
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	96.00	8.94	ns	NT	8.78	2.95	ns
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	88.00	17.89	ns	NT	11.71	2.21	ns
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	92.00	17.89	ns	NT	9.55	4.75	ns
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	84.00	21.91	ns	NT	11.94	4.46	ns
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	100.00	0.00	ns	NT	9.64	2.96	ns
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	100.00	0.00	ns	NT	8.02	1.85	*
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	84.00	16.73	ns	NT	12.73	2.66	ns
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	96.00	8.94	ns	NT	8.85	4.74	ns
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	88.00	10.95	ns	NT	11.17	5.29	ns
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	100.00	0.00	ns	NT	9.47	2.88	ns
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	96.00	8.94	ns	NT	11.09	2.66	ns
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	96.00	8.94	ns	NT	10.58	2.54	ns
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	88.00	17.89	ns	NT	13.69	5.54	ns
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	92.00	10.95	ns	NT	8.14	1.96	*
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	96.00	8.94	ns	NT	11.18	3.31	ns
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	92.00	10.95	ns	NT	9.88	4.92	ns
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	88.00	17.89	ns	NT	9.68	2.18	ns
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	88.00	17.89	ns	NT	8.26	3.31	ns
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	96.00	8.94	ns	NT	9.02	1.40	ns
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	96.00	8.94	ns	NT	10.70	3.39	ns
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	100.00	0.00	ns	NT	10.58	0.85	ns
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	100.00	0.00	ns	NT	9.69	1.22	ns
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	96.00	8.94	ns	NT	11.16	3.38	ns
	CONTROL-CHI			26.0	95.00	10.00	-9	-9	4.51	2.71	-9
	CONTROL-CH3			26.0	100.00	0.00	-9	-9	3.66	0.75	-9
	CONTROL-CH2			26.0	92.00	11.00	-9	-9	4.59	1.93	-9

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NASURV_MN	NASURV_SD	NASURV_SG	NASURV_TOX	NAWT_MN	NAWT_SD	NAWT_SG
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	88.00	10.95	ns	NT	3.05	0.85	ns
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	96.00	8.94	ns	NT	5.21	1.76	ns
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	76.00	21.91	ns	NT	3.20	0.69	ns
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	92.00	10.95	ns	NT	4.99	3.87	ns
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	84.00	16.73	ns	NT	3.55	1.42	ns
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	84.00	35.78	ns	NT	2.92	0.89	ns
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	88.00	17.89	ns	NT	2.74	0.46	ns
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	92.00	17.89	ns	NT	2.49	0.80	ns
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	100.00	0.00	ns	NT	2.88	1.27	ns
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	80.00	20.00	ns	NT	3.70	2.00	ns
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	64.00	21.91	ns	NT	4.09	2.15	ns
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	92.00	17.89	ns	NT	5.07	2.76	ns
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	88.00	10.95	ns	NT	3.12	1.01	ns
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	92.00	17.89	ns	NT	3.74	0.66	ns
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	92.00	10.95	ns	NT	3.77	1.18	ns
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	84.00	35.78	ns	NT	3.02	1.06	ns
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	92.00	10.95	ns	NT	3.51	1.20	ns
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	36.00	40.99	ns	NT	3.21	0.93	ns
	CONTROL-CHI			30.0	88.00	11.00	-9	-9	3.78	1.36	-9
	CONTROL-CHZ			30.0	96.00	8.90	-9	-9	7.52	2.90	-9
	CONTROL-CHB			30.0	72.00	41.50	-9	-9	4.88	0.70	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	80.00	28.28	ns	NT	9.17	3.81	ns
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	80.00	44.72	ns	NT	7.02	3.31	ns
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	92.00	17.89	ns	NT	8.63	2.18	ns
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	92.00	10.95	ns	NT	4.72	2.11	ns
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	100.00	0.00	ns	NT	6.26	2.96	ns
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	96.00	8.94	ns	NT	6.21	2.76	ns
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	88.00	17.89	ns	NT	7.16	4.32	ns
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	84.00	16.73	ns	NT	9.45	3.30	ns
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	92.00	17.89	ns	NT	8.35	3.05	ns
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	68.00	30.33	*	NT	4.83	1.02	ns
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	92.00	10.95	*	NT	6.76	3.75	ns
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	88.00	10.95	ns	NT	6.51	1.30	ns
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	56.00	38.47	ns	NT	6.71	3.87	ns
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	80.00	20.00	ns	NT	7.50	1.84	ns
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	100.00	0.00	ns	NT	9.47	5.20	ns
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	88.00	10.95	ns	NT	6.74	3.12	ns
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	72.00	17.89	ns	NT	8.21	2.97	ns
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	96.00	8.94	ns	NT	5.15	2.04	ns
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	92.00	10.95	ns	NT	4.33	1.23	*

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NASURV_MN	NASURV_SD	NASURV_SG	NASURV_TOX	NAWT_MN	NAWT_SD	NAWT_SG
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	72.00	41.47	ns	NT	3.11	0.43	*
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	92.00	17.89	ns	NT	4.67	1.46	*
	CONTROL-CH2			32.0	-9.00	-9.00	-9	-9	-9.00	-9.00	-9
	CONTROL-CH3			32.0	-9.00	-9.00	-9	-9	-9.00	-9.00	-9
	CONTROL-CH1			32.0	96.00	9.00	-9	-9	10.99	3.94	-9
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	96.00	8.94	ns	NT	7.60	0.98	ns
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	96.00	8.94	ns	NT	6.12	2.14	*
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	76.00	21.91	*	NT	6.26	1.62	*
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	96.00	8.94	ns	NT	9.01	2.38	ns

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAWT_TOX	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3	NA_IUNH3	NA_IH2S	NA_BATCH
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	NT	-9.000	0.368	-8.0000	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	NT	-9.000	0.280	-8.0000	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	NT	-9.000	0.172	-8.0000	-9.000	-9.000	-9.0000	-9
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	NT	-9.000	0.201	-8.0000	-9.000	-9.000	-9.0000	-9
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	NT	-9.000	0.194	-8.0000	-9.000	-9.000	-9.0000	-9
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	NT	-9.000	0.200	-8.0000	-9.000	-9.000	-9.0000	-9
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	NT	-9.000	0.141	-8.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CH3			25.0	-9	3.120	0.127	-8.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CH2			25.0	-9	2.910	0.068	0.0026	-9.000	-9.000	-9.0000	-9
	CONTROL-CHI			25.0	-9	2.750	0.079	-8.0000	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	NT	5.250	0.411	0.0008	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	NT	4.100	0.098	-8.0000	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	NT	3.800	0.179	-8.0000	-9.000	-9.000	-9.0000	-9
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	NT	3.300	0.121	-8.0000	-9.000	-9.000	-9.0000	-9
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	NT	0.980	0.029	-8.0000	-9.000	-9.000	-9.0000	-9
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	NT	2.300	0.097	-8.0000	-9.000	-9.000	-9.0000	-9
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	NT	3.100	0.121	-8.0000	-9.000	-9.000	-9.0000	-9
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	NT	2.500	0.093	-8.0000	-9.000	-9.000	-9.0000	-9
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	NT	2.900	0.087	-8.0000	-9.000	-9.000	-9.0000	-9
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	NT	2.900	0.087	-8.0000	-9.000	-9.000	-9.0000	-9
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	NT	4.000	0.120	-8.0000	-9.000	-9.000	-9.0000	-9
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	NT	3.500	0.105	-8.0000	-9.000	-9.000	-9.0000	-9
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	NT	3.050	0.109	-8.0000	-9.000	-9.000	-9.0000	-9
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	NT	4.700	0.099	-8.0000	-9.000	-9.000	-9.0000	-9
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	NT	2.900	0.069	-8.0000	-9.000	-9.000	-9.0000	-9
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	NT	4.200	0.125	-8.0000	-9.000	-9.000	-9.0000	-9
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	NT	5.710	0.163	-8.0000	-9.000	-9.000	-9.0000	-9
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	NT	5.760	0.236	-8.0000	-9.000	-9.000	-9.0000	-9
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	NT	4.300	0.128	-8.0000	-9.000	-9.000	-9.0000	-9
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	NT	4.400	0.105	-8.0000	-9.000	-9.000	-9.0000	-9
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	NT	4.500	0.107	-8.0000	-9.000	-9.000	-9.0000	-9
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	NT	3.800	0.114	-8.0000	-9.000	-9.000	-9.0000	-9
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	NT	4.000	0.120	-8.0000	-9.000	-9.000	-9.0000	-9
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	NT	3.400	0.102	-8.0000	-9.000	-9.000	-9.0000	-9
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	NT	3.000	0.112	-8.0000	-9.000	-9.000	-9.0000	-9
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	NT	2.900	0.108	-8.0000	-9.000	-9.000	-9.0000	-9
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	NT	1.700	0.063	-8.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CHI			26.0	-9	3.500	0.497	0.0018	-9.000	-9.000	-9.0000	-9
	CONTROL-CH3			26.0	-9	3.800	0.125	-8.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CH2			26.0	-9	3.600	0.152	-8.0000	-9.000	-9.000	-9.0000	-9

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAWT_TOX	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3	NA_IUNH3	NA_IH2S	NA_BATCH
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	NT	4.600	0.161	-8.0000	-9.000	-9.000	-9.0000	-9
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	NT	5.300	0.226	-8.0000	-9.000	-9.000	-9.0000	-9
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	NT	5.600	0.219	-8.0000	-9.000	-9.000	-9.0000	-9
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	NT	5.800	0.373	-8.0000	-9.000	-9.000	-9.0000	-9
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	NT	4.800	0.202	-8.0000	-9.000	-9.000	-9.0000	-9
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	NT	5.400	0.245	-8.0000	-9.000	-9.000	-9.0000	-9
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	NT	6.900	0.193	-8.0000	-9.000	-9.000	-9.0000	-9
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	NT	4.400	0.144	-8.0000	-9.000	-9.000	-9.0000	-9
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	NT	3.700	0.217	-8.0000	-9.000	-9.000	-9.0000	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	NT	10.000	0.519	-8.0000	-9.000	-9.000	-9.0000	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	NT	8.100	0.330	-8.0000	-9.000	-9.000	-9.0000	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	NT	8.200	0.344	-8.0000	-9.000	-9.000	-9.0000	-9
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	NT	2.800	0.115	-8.0000	-9.000	-9.000	-9.0000	-9
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	NT	3.300	0.119	-8.0000	-9.000	-9.000	-9.0000	-9
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	NT	4.900	0.204	-8.0000	-9.000	-9.000	-9.0000	-9
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	NT	6.300	0.901	-8.0000	-9.000	-9.000	-9.0000	-9
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	NT	7.200	0.464	-8.0000	-9.000	-9.000	-9.0000	-9
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	NT	7.800	0.363	-8.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CHI			30.0	-9	6.710	0.256	0.0007	-9.000	-9.000	-9.0000	-9
	CONTROL-CH2			30.0	-9	6.200	0.170	0.0009	-9.000	-9.000	-9.0000	-9
	CONTROL-CH3			30.0	-9	6.200	0.194	0.0007	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	NT	8.210	0.245	0.0019	8.100	0.088	0.0260	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	NT	8.620	0.282	0.0022	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	NT	8.400	0.274	0.0012	-9.000	-9.000	-9.0000	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	NT	7.960	0.236	0.0069	13.000	0.047	0.0308	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	NT	8.980	0.240	0.0162	-9.000	-9.000	-9.0000	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	NT	6.650	0.190	0.0044	-9.000	-9.000	-9.0000	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	NT	4.200	0.088	0.0027	12.000	0.053	0.0309	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	NT	6.500	0.137	0.0014	-9.000	-9.000	-9.0000	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	NT	7.100	0.162	0.0086	-9.000	-9.000	-9.0000	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	NT	10.000	0.279	0.0007	25.000	0.201	0.0246	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	NT	8.500	0.379	0.0008	-9.000	-9.000	-9.0000	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	NT	9.200	0.288	0.0019	-9.000	-9.000	-9.0000	-9
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	NT	12.000	0.380	0.0077	22.000	0.562	0.0344	-9
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	NT	11.000	0.363	0.0092	-9.000	-9.000	-9.0000	-9
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	NT	8.430	0.344	0.0021	-9.000	-9.000	-9.0000	-9
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	NT	8.390	0.342	0.0011	27.000	0.335	0.0203	-9
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	NT	11.000	0.368	0.0092	-9.000	-9.000	-9.0000	-9
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	NT	9.860	0.385	0.0072	-9.000	-9.000	-9.0000	-9
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	NT	12.700	0.618	0.0071	46.000	0.583	0.0512	-9

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAWT_TOX	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3	NA_IUNH3	NA_IH2S	NA_BATCH
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	NT	14.500	0.578	0.0045	-9.000	-9.000	-9.0000	-9
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	NT	14.900	0.435	0.0361	-9.000	-9.000	-9.0000	-9
	CONTROL-CH2			32.0	-9	-9.000	-9.000	-9.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CH3			32.0	-9	-9.000	-9.000	-9.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CHI			32.0	-9	9.500	0.189	-8.0000	-9.000	-9.000	-9.0000	-9
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	NT	8.200	0.196	0.0027	4.100	0.019	0.0083	-9
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	NT	9.400	0.275	0.0020	7.000	0.045	0.0043	-9
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	NT	8.000	0.267	0.0019	2.900	0.016	0.0039	-9
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	NT	5.800	0.142	0.0026	2.700	0.012	0.0240	-9

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAQC
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	-9
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	-9
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	-9
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	-9
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	-9
	CONTROL-CH3			25.0	-9
	CONTROL-CH2			25.0	-9
	CONTROL-CHI			25.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	-9
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	-9
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	-9
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	-9
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	-9
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	-9
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	-9
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	-9
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	-9
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	-9
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	-9
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	-9
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	-9
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	-9
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	-9
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	-9
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	-9
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	-9
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	-9
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	-9
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	-9
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	-9
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	-9
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	-9
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	-9
	CONTROL-CHI			26.0	-9
	CONTROL-CH3			26.0	-9
	CONTROL-CH2			26.0	-9

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAQC
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	-9
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	-9
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	-9
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	-9
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	-9
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	-9
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	-9
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	-9
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	-9
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	-9
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	-9
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	-9
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	-9
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	-9
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	-9
	CONTROL-CH1			30.0	-9
	CONTROL-CH2			30.0	-9
	CONTROL-CH3			30.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	-9
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	-9
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	-9
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	-9
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	-9
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	-9
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	-9
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	-9

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

<u>STANUM</u>	<u>STATION</u>	<u>IDORG</u>	<u>DATE</u>	<u>LEG</u>	<u>NAQC</u>
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	-9
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	-9
	CONTROL-CH2			32.0	-9
	CONTROL-CH3			32.0	-9
	CONTROL-CHI			32.0	-9
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	-9
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	-9
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	-9
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	-9

Section 11

Neanthes arenaceodentata Weight Change in Sediment

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAWT_MN	NAWT_SD	NAWT_SG	NAWT_TOX	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	13.80	3.20	ns	NT	-9.000	0.368	-8.0000	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	13.30	2.20	ns	NT	-9.000	0.280	-8.0000	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	13.20	2.10	ns	NT	-9.000	0.172	-8.0000	-9.000
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	12.10	1.70	ns	NT	-9.000	0.201	-8.0000	-9.000
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	13.40	3.30	ns	NT	-9.000	0.194	-8.0000	-9.000
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	13.20	1.20	ns	NT	-9.000	0.200	-8.0000	-9.000
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	12.10	2.30	ns	NT	-9.000	0.141	-8.0000	-9.000
	CONTROL-CH3			25.0	12.20	4.63	-9	-9	3.120	0.127	-8.0000	-9.000
	CONTROL-CH2			25.0	11.52	3.92	-9	-9	2.910	0.068	0.0026	-9.000
	CONTROL-CHI			25.0	10.76	2.07	-9	-9	2.750	0.079	-8.0000	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	11.18	4.33	ns	NT	5.250	0.411	0.0008	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	9.35	3.42	ns	NT	4.100	0.098	-8.0000	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	9.64	3.03	ns	NT	3.800	0.179	-8.0000	-9.000
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	6.52	2.66	*	NT	3.300	0.121	-8.0000	-9.000
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	8.78	2.95	ns	NT	0.980	0.029	-8.0000	-9.000
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	11.71	2.21	ns	NT	2.300	0.097	-8.0000	-9.000
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	9.55	4.75	ns	NT	3.100	0.121	-8.0000	-9.000
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	11.94	4.46	ns	NT	2.500	0.093	-8.0000	-9.000
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	9.64	2.96	ns	NT	2.900	0.087	-8.0000	-9.000
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	8.02	1.85	*	NT	2.900	0.087	-8.0000	-9.000
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	12.73	2.66	ns	NT	4.000	0.120	-8.0000	-9.000
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	8.85	4.74	ns	NT	3.500	0.105	-8.0000	-9.000
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	11.17	5.29	ns	NT	3.050	0.109	-8.0000	-9.000
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	9.47	2.88	ns	NT	4.700	0.099	-8.0000	-9.000
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	11.09	2.66	ns	NT	2.900	0.069	-8.0000	-9.000
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	10.58	2.54	ns	NT	4.200	0.125	-8.0000	-9.000
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	13.69	5.54	ns	NT	5.710	0.163	-8.0000	-9.000
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	8.14	1.96	*	NT	5.760	0.236	-8.0000	-9.000
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	11.18	3.31	ns	NT	4.300	0.128	-8.0000	-9.000
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	9.88	4.92	ns	NT	4.400	0.105	-8.0000	-9.000
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	9.68	2.18	ns	NT	4.500	0.107	-8.0000	-9.000
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	8.26	3.31	ns	NT	3.800	0.114	-8.0000	-9.000
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	9.02	1.40	ns	NT	4.000	0.120	-8.0000	-9.000
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	10.70	3.39	ns	NT	3.400	0.102	-8.0000	-9.000
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	10.58	0.85	ns	NT	3.000	0.112	-8.0000	-9.000
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	9.69	1.22	ns	NT	2.900	0.108	-8.0000	-9.000
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	11.16	3.38	ns	NT	1.700	0.063	-8.0000	-9.000
	CONTROL-CHI			26.0	4.51	2.71	-9	-9	3.500	0.497	0.0018	-9.000
	CONTROL-CH3			26.0	3.66	0.75	-9	-9	3.800	0.125	-8.0000	-9.000
	CONTROL-CH2			26.0	4.59	1.93	-9	-9	3.600	0.152	-8.0000	-9.000

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAWT_MN	NAWT_SD	NAWT_SG	NAWT_TOX	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	3.05	0.85	ns	NT	4.600	0.161	-8.0000	-9.000
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	5.21	1.76	ns	NT	5.300	0.226	-8.0000	-9.000
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	3.20	0.69	ns	NT	5.600	0.219	-8.0000	-9.000
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	4.99	3.87	ns	NT	5.800	0.373	-8.0000	-9.000
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	3.55	1.42	ns	NT	4.800	0.202	-8.0000	-9.000
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	2.92	0.89	ns	NT	5.400	0.245	-8.0000	-9.000
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	2.74	0.46	ns	NT	6.900	0.193	-8.0000	-9.000
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	2.49	0.80	ns	NT	4.400	0.144	-8.0000	-9.000
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	2.88	1.27	ns	NT	3.700	0.217	-8.0000	-9.000
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	3.70	2.00	ns	NT	10.000	0.519	-8.0000	-9.000
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	4.09	2.15	ns	NT	8.100	0.330	-8.0000	-9.000
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	5.07	2.76	ns	NT	8.200	0.344	-8.0000	-9.000
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	3.12	1.01	ns	NT	2.800	0.115	-8.0000	-9.000
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	3.74	0.66	ns	NT	3.300	0.119	-8.0000	-9.000
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	3.77	1.18	ns	NT	4.900	0.204	-8.0000	-9.000
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	3.02	1.06	ns	NT	6.300	0.901	-8.0000	-9.000
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	3.51	1.20	ns	NT	7.200	0.464	-8.0000	-9.000
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	3.21	0.93	ns	NT	7.800	0.363	-8.0000	-9.000
	CONTROL-CH1			30.0	3.78	1.36	-9	-9	6.710	0.256	0.0007	-9.000
	CONTROL-CH2			30.0	7.52	2.90	-9	-9	6.200	0.170	0.0009	-9.000
	CONTROL-CH3			30.0	4.88	0.70	-9	-9	6.200	0.194	0.0007	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	9.17	3.81	ns	NT	8.210	0.245	0.0019	8.100
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	7.02	3.31	ns	NT	8.620	0.282	0.0022	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	8.63	2.18	ns	NT	8.400	0.274	0.0012	-9.000
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	4.72	2.11	ns	NT	7.960	0.236	0.0069	13.000
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	6.26	2.96	ns	NT	8.980	0.240	0.0162	-9.000
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	6.21	2.76	ns	NT	6.650	0.190	0.0044	-9.000
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	7.16	4.32	ns	NT	4.200	0.088	0.0027	12.000
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	9.45	3.30	ns	NT	6.500	0.137	0.0014	-9.000
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	8.35	3.05	ns	NT	7.100	0.162	0.0086	-9.000
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	4.83	1.02	ns	NT	10.000	0.279	0.0007	25.000
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	6.76	3.75	ns	NT	8.500	0.379	0.0008	-9.000
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	6.51	1.30	ns	NT	9.200	0.288	0.0019	-9.000
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	6.71	3.87	ns	NT	12.000	0.380	0.0077	22.000
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	7.50	1.84	ns	NT	11.000	0.363	0.0092	-9.000
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	9.47	5.20	ns	NT	8.430	0.344	0.0021	-9.000
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	6.74	3.12	ns	NT	8.390	0.342	0.0011	27.000
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	8.21	2.97	ns	NT	11.000	0.368	0.0092	-9.000
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	5.15	2.04	ns	NT	9.860	0.385	0.0072	-9.000
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	4.33	1.23	*	NT	12.700	0.618	0.0071	46.000

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAWT_MN	NAWT_SD	NAWT_SG	NAWT_TOX	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	3.11	0.43	*	NT	14.500	0.578	0.0045	-9.000
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	4.67	1.46	*	NT	14.900	0.435	0.0361	-9.000
	CONTROL-CH2			32.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000	-9.000
	CONTROL-CH3			32.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000	-9.000
	CONTROL-CHI			32.0	10.99	3.94	-9	-9	9.500	0.189	-8.0000	-9.000
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	7.60	0.98	ns	NT	8.200	0.196	0.0027	4.100
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	6.12	2.14	*	NT	9.400	0.275	0.0020	7.000
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	6.26	1.62	*	NT	8.000	0.267	0.0019	2.900
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	9.01	2.38	ns	NT	5.800	0.142	0.0026	2.700

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NA_IUNH3	NA_IH2S	NA_BATCH	NAQC
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	-9.000	-9.0000	-9	-9
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	-9.000	-9.0000	-9	-9
	CONTROL-CH3			25.0	-9.000	-9.0000	-9	-9
	CONTROL-CH2			25.0	-9.000	-9.0000	-9	-9
	CONTROL-CHI			25.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	-9.000	-9.0000	-9	-9
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	-9.000	-9.0000	-9	-9
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	-9.000	-9.0000	-9	-9
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	-9.000	-9.0000	-9	-9
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	-9.000	-9.0000	-9	-9
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	-9.000	-9.0000	-9	-9
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	-9.000	-9.0000	-9	-9
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	-9.000	-9.0000	-9	-9
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	-9.000	-9.0000	-9	-9
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	-9.000	-9.0000	-9	-9
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	-9.000	-9.0000	-9	-9
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	-9.000	-9.0000	-9	-9
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	-9.000	-9.0000	-9	-9
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	-9.000	-9.0000	-9	-9
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	-9.000	-9.0000	-9	-9
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	-9.000	-9.0000	-9	-9
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	-9.000	-9.0000	-9	-9
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	-9.000	-9.0000	-9	-9
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	-9.000	-9.0000	-9	-9
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	-9.000	-9.0000	-9	-9
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	-9.000	-9.0000	-9	-9
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	-9.000	-9.0000	-9	-9
	CONTROL-CHI			26.0	-9.000	-9.0000	-9	-9
	CONTROL-CH3			26.0	-9.000	-9.0000	-9	-9
	CONTROL-CH2			26.0	-9.000	-9.0000	-9	-9

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NA_IUNH3	NA_IH2S	NA_BATCH	NAQC
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	-9.000	-9.0000	-9	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	-9.000	-9.0000	-9	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	-9.000	-9.0000	-9	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	-9.000	-9.0000	-9	-9
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	-9.000	-9.0000	-9	-9
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	-9.000	-9.0000	-9	-9
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	-9.000	-9.0000	-9	-9
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	-9.000	-9.0000	-9	-9
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	-9.000	-9.0000	-9	-9
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	-9.000	-9.0000	-9	-9
	CONTROL-CH1			30.0	-9.000	-9.0000	-9	-9
	CONTROL-CH2			30.0	-9.000	-9.0000	-9	-9
	CONTROL-CH3			30.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	0.088	0.0260	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	0.047	0.0308	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	-9.000	-9.0000	-9	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	0.053	0.0309	-9	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	-9.000	-9.0000	-9	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	-9.000	-9.0000	-9	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	0.201	0.0246	-9	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	-9.000	-9.0000	-9	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	-9.000	-9.0000	-9	-9
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	0.562	0.0344	-9	-9
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	-9.000	-9.0000	-9	-9
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	-9.000	-9.0000	-9	-9
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	0.335	0.0203	-9	-9
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	-9.000	-9.0000	-9	-9
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	-9.000	-9.0000	-9	-9
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	0.583	0.0512	-9	-9

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STANUM	STATION	IDORG	DATE	LEG	NA_IUNH3	NA_IH2S	NA_BATCH	NAQC
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	-9.000	-9.0000	-9	-9
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	-9.000	-9.0000	-9	-9
	CONTROL-CH2			32.0	-9.000	-9.0000	-9	-9
	CONTROL-CH3			32.0	-9.000	-9.0000	-9	-9
	CONTROL-CH1			32.0	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	0.019	0.0083	-9	-9
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	0.045	0.0043	-9	-9
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	0.016	0.0039	-9	-9
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	0.012	0.0240	-9	-9

Appendix F

Benthic Community Data

Benthic Community Data

STANUM STATION IDORG DATE LEG
 40001.1 SOUTHWEST SLIP 1 07/29/92 1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Chaetozone corona	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Cossura candida	Polychaeta	6	3	1	3.3	3.5	1	6	2.5	1.5	5.7	10	
Glycera americana	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leitoscoloplos pugettensis	Polychaeta	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
Leitoscoloplos spp. juv.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Lumbrineridae spp.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Monticellina sp. C	Polychaeta	3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5	
Nephtys cornuta	Polychaeta	3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5	
Euphilomedes carcharodonta	Ostracoda	7	5	0	4.0	3.5	0	7	3.6	2.1	8.1	12	
Parvilucina tenuisculpta	Bivalvia	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Theora fragilis	Bivalvia	9	2	2	4.3	5.5	2	9	4.0	2.3	9.1	13	
Cooperella subdiaphana	Bivalvia	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
	TOTAL INDIVIDUALS	57	33	15	9	19.0	21.0	9	33	12.5	7.2	28.1	57
	TOTAL SPECIES	12	10	7	6	7.7	8.0	6	10	2.1	1.2	4.7	23
	TOTAL CRUST. INDIV.	12	7	5	0	4.0	3.5	0	7	3.6	2.1	8.1	12
	TOTAL CRUST. SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID INDIV.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	OTHER CRUSTACEAN INDIV.	12	7	5	0	4.0	3.5	0	7	3.6	2.1	8.1	12
	OTHER CRUSTACEAN SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM INDIV.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	17	10	3	4	5.7	6.5	3	10	3.8	2.2	8.5	17
	TOTAL MOLLUSC SP.	3	2	2	2	2.0	2.0	2	2	0.0	0.0	6	
	TOTAL POLYCHAETE INDIV.	28	16	7	5	9.3	10.5	5	16	5.9	3.4	13.2	28
	TOTAL POLYCHAETE SP.	8	7	4	4	5.0	5.5	4	7	1.7	1.0	3.9	15

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40001.2	SOUTHWEST SLIP	2	07/29/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Chaetozone corona	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Cossura candida	Polychaeta	20	21	25	22.0	22.5	20	25	2.6	1.5	6.0	66	
Dorvillea longicornis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leitoscoloplos pugettensis	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Levinsenia gracilis	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Lumbrineridae spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Malmgreniella spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Monticellina sp. C	Polychaeta	9	4	2	5.0	5.5	2	9	3.6	2.1	8.1	15	
Nephtys cornuta	Polychaeta	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
Nereis procera	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Paraprionospio pinnata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Euphilomedes carcharodonta	Ostracoda	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4	
Bathyleberis californica	Ostracoda	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3	
Theora fragilis	Bivalvia	0	13	6	6.3	6.5	0	13	6.5	3.8	14.6	19	
Aglajidae	Gastropoda	0	2	3	1.7	1.5	0	3	1.5	0.9	3.4	5	
Macoma ?	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	35	53	40	42.7	44.0	35	53	9.3	5.4	20.9	128	
	TOTAL SPECIES	17	7	13	8	9.3	10.0	7	13	3.2	1.9	7.2	28
	TOTAL CRUST. INDIV.	2	2	5	0	2.3	2.5	0	5	2.5	1.5	5.7	7
	TOTAL CRUST. SP.	2	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	GAMMARID INDIV.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	OTHER CRUSTACEAN INDIV.	2	2	5	0	2.3	2.5	0	5	2.5	1.5	5.7	7
	OTHER CRUSTACEAN SP.	2	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	0	16	9	8.3	8.0	0	16	8.0	4.6	18.0	25	
	TOTAL MOLLUSC SP.	3	0	3	2	1.7	1.5	0	3	1.5	0.9	3.4	5
	TOTAL POLYCHAETE INDIV.	33	32	30	31.7	31.5	30	33	1.5	0.9	3.4	95	
	TOTAL POLYCHAETE SP.	11	6	8	5	6.3	6.5	5	8	1.5	0.9	3.4	19

Benthic Community Data

STANUM STATION IDORG DATE LEG
 40001.3 SOUTHWEST SLIP 3 07/29/92 1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Chaetozone corona	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cirratulidae spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cossura candida	Polychaeta	65	43	27	45.0	46.0	27	65	19.1	11.0	42.9	135	
Levinsenia gracilis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Lumbrineridae spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Monticellina sp. C	Polychaeta	3	0	4	2.3	2.0	0	4	2.1	1.2	4.7	7	
Mediomastus spp. indet.	Polychaeta	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5	
Nephtys comuta	Polychaeta	1	1	4	2.0	2.5	1	4	1.7	1.0	3.9	6	
Scoletoma erecta	Polychaeta	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3	
nemertea	Nemertea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Listriella goleta	Amphipoda	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
Euphilomedes carcharodonta	Ostracoda	0	5	2	2.3	2.5	0	5	2.5	1.5	5.7	7	
Neotrypae californiensis	Decapoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Aglajidae	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	0	4	3	2.3	2.0	0	4	2.1	1.2	4.7	7	
Mysella sp. A	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	77	61	43	60.3	60.0	43	77	17.0	9.8	38.3	181	
	TOTAL SPECIES	16	9	9	8	8.7	8.5	8	9	0.6	0.3	1.3	26
	TOTAL CRUST. INDIV.	2	7	2	3.7	4.5	2	7	2.9	1.7	6.5	11	
	TOTAL CRUST. SP.	3	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
	GAMMARID SP.	1	1	1	0	0.7	0.5	1	0.6	0.3	1.3	2	
	OTHER CRUSTACEAN INDIV.	0	6	2	2.7	3.0	0	6	3.1	1.8	6.9	8	
	OTHER CRUSTACEAN SP.	2	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	0	5	4	3.0	2.5	0	5	2.6	1.5	6.0	9	
	TOTAL MOLLUSC SP.	3	0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
	TOTAL POLYCHAETE INDIV.	74	49	37	53.3	55.5	37	74	18.9	10.9	42.5	160	
	TOTAL POLYCHAETE SP.	9	7	4	5	5.3	5.5	4	7	1.5	0.9	3.4	16

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40002.1	WEST BASIN, PIER 143	4	07/30/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Cirratulidae spp. indet.	Polychaeta	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Cossura candida	Polychaeta	3	4	8	5.0	5.5	3	8	2.6	1.5	6.0	15
Leitoscoloplos pugettensis	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Lumbrineridae spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Magelona spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Nephtys cornuta	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Phyllodoce spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Listriella goleta	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Paranthurus elegans	Isopoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	9	13	14	12.0	11.5	9	14	2.6	1.5	6.0	36
	TOTAL SPECIES	13	7	9	7.0	7.0	5	9	2.0	1.2	4.5	21
	TOTAL CRUST. INDIV.	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
	TOTAL CRUST. SP.	3	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
	GAMMARID INDIV.	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID SP.	1	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN SP.	2	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL POLYCHAETE INDIV.	7	9	14	10.0	10.5	7	14	3.6	2.1	8.1	30
	TOTAL POLYCHAETE SP.	9	5	6	5.3	5.5	5	6	0.6	0.3	1.3	16

Benthic Community Data

STANUM STATION IDORG DATE LEG
 40002.2 WEST BASIN, PIER 143 5 07/30/92 1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Chaetozone corona	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cossura candida	Polychaeta	3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5	
Mediomastus spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nephtys cornuta	Polychaeta	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3	
Scoletoma erecta	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Euphilomedes carcharodonta	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Grandidierella japonica	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Pinnixa sp.	Decapoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Laevicardium substriatum	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Cryptomya californica	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	9	3	7	6.3	6.0	3	9	3.1	1.8	6.9	19	
	TOTAL SPECIES	11	5	3	7	5.0	5.0	3	7	2.0	1.2	4.5	15
	TOTAL CRUST. INDIV.	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3	
	TOTAL CRUST. SP.	3	1	1	1	1.0	1.0	1	1	0.0	0.0	3	
	GAMMARID INDIV.	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	GAMMARID SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1	
	OTHER CRUSTACEAN INDIV.	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
	OTHER CRUSTACEAN SP.	2	1	0	1	0.7	0.5	0	1	0.6	0.3	2	
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4	
	TOTAL MOLLUSC SP.	3	1	0	3	1.3	1.5	0	3	1.5	0.9	4	
	TOTAL POLYCHAETE INDIV.	7	2	3	4.0	4.5	2	7	2.6	1.5	6.0	12	
	TOTAL POLYCHAETE SP.	5	3	2	3	2.7	2.5	2	3	0.6	0.3	8	

Benthic Community Data

STANUM 40002.3 STATION WEST BASIN, PIER 143 IDORG 6 DATE 07/30/92 LEG 1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Cirratulidae spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	32	28	13	24.3	22.5	13	32	10.0	5.8	22.5	73
Euchone limnicola	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera americana	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Levinsenia gracilis	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta	6	0	0	2.0	3.0	0	6	3.5	2.0	7.8	6
Nephtys cornuta	Polychaeta	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Euphilomedes carcharodonta	Ostracoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Listriella goleta	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Turbonilla sp.	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL INDIVIDUALS	50	33	18	33.7	34.0	18	50	16.0	9.2	36.0	101
	TOTAL SPECIES	15	11	6	7.0	7.5	4	11	3.6	2.1	8.1	21
	TOTAL CRUST. INDIV.		1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL CRUST. SP.	2	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID INDIV.		0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID SP.	1	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.		1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	TOTAL MOLLUSC SP.	3	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	TOTAL POLYCHAETE INDIV.		46	31	31.3	31.5	17	46	14.5	8.4	32.6	94
	TOTAL POLYCHAETE SP.	10	7	4	4.7	5.0	3	7	2.1	1.2	4.7	14

Benthic Community Data

STANUM STATION IDORG DATE LEG
 40003.1 TURNING BASIN, PIER 151 7 07/31/92 1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Chaetozone corona	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cossura candida	Polychaeta	8	30	26	21.3	19.0	8	30	11.7	6.8	26.4	64	
Euchone limnicola	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Glycera americana	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leitoscoloplos pugettensis	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Levinsenia gracilis	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3	
Mediomastus spp. indet.	Polychaeta	2	1	5	2.7	3.0	1	5	2.1	1.2	4.7	8	
Monticellina sp. C	Polychaeta	3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5	
Nephtys cornuta	Polychaeta	3	6	9	6.0	6.0	3	9	3.0	1.7	6.8	18	
Phyllodoce spp. juv. nemertea	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	Nemertea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Euphilomedes carcharodonta	Ostracoda	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Bathyleberis californica	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Listriella goleta	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Tellina modesta	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Parvilucina tenuisculpta	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Aglajidae	Gastropoda	1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4	
Protothaca staminea	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	23	41	52	38.7	37.5	23	52	14.6	8.5	32.9	116	
	TOTAL SPECIES	18	11	7	13	10.3	10.0	7	13	3.1	1.8	6.9	31
	TOTAL CRUST. INDIV.		1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
	TOTAL CRUST. SP.	3	1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
	GAMMARID INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.		1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN SP.	2	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		3	0	4	2.3	2.0	0	4	2.1	1.2	4.7	7
	TOTAL MOLLUSC SP.	4	3	0	2	1.7	1.5	0	3	1.5	0.9	3.4	5
	TOTAL POLYCHAETE INDIV.		19	41	44	34.7	31.5	19	44	13.7	7.9	30.7	104
	TOTAL POLYCHAETE SP.	10	7	7	7	7.0	7.0	7	7	0.0	0.0	0.0	21

Benthic Community Data

STANUM 40003.2 STATION TURNING BASIN, PIER 151 IDORG 8 DATE 07/31/92 LEG 1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Chaetozone corona	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cirratulidae spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cossura candida	Polychaeta	1	3	12	5.3	6.5	1	12	5.9	3.4	13.2	16	
Glycera americana	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leitoscoloplos pugettensis	Polychaeta	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4	
Levinsenia gracilis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Lumbrineridae spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mediomastus spp. indet.	Polychaeta	0	4	5	3.0	2.5	0	5	2.6	1.5	6.0	9	
Monticellina sp. C	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Nephtys cornuta	Polychaeta	1	4	0	1.7	2.0	0	4	2.1	1.2	4.7	5	
Notomastus spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Spionidae spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	3	3	0	2.0	1.5	0	3	1.7	1.0	3.9	6	
Euphilomedes carcharodonta	Ostracoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Listriella goleta	Amphipoda	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3	
Theora fragilis	Bivalvia	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3	
Sulcoretusa xystrum	Gastropoda	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
Aglajidae	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	16	21	23	20.0	19.5	16	23	3.6	2.1	8.1	60	
	TOTAL SPECIES	18	11	9	6	8.7	8.5	6	11	2.5	1.5	5.7	26
	TOTAL CRUST. INDIV.		1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
	TOTAL CRUST. SP.	2	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID INDIV.		0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
	GAMMARID SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		5	2	0	2.3	2.5	0	5	2.5	1.5	5.7	7
	TOTAL MOLLUSC SP.	3	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
	TOTAL POLYCHAETE INDIV.		7	16	20	14.3	13.5	7	20	6.7	3.8	15.0	43
	TOTAL POLYCHAETE SP.	12	6	7	5	6.0	6.0	5	7	1.0	0.6	2.3	18

Benthic Community Data

STANUM STATION IDORG DATE LEG
 40003.3 TURNING BASIN, PIER 151 9 07/31/92 1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Aproprionospio pygmaea	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cirratulidae spp. indet.	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Cossura candida	Polychaeta	15	20	22	19.0	18.5	15	22	3.6	2.1	8.1	57	
Glycinde spp. juv.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leitoscoloplos pugettensis	Polychaeta	0	0	4	1.3	2.0	0	4	2.3	1.3	5.2	4	
Lumbrineris cf. californiensis	Polychaeta	0	1	3	1.3	1.5	0	3	1.5	0.9	3.4	4	
Marphysa disjuncta	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mediomastus spp. indet.	Polychaeta	5	23	20	16.0	14.0	5	23	9.6	5.6	21.7	48	
Monticellina sp. C	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Nephtys cornuta	Polychaeta	0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5	
Nereididae spp. juv.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Paraprionospio pinnata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Phyllodoce hartmanae	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Spionidae spp. indet.	Polychaeta	0	1	7	2.7	3.5	0	7	3.8	2.2	8.5	8	
nemertea	Nemertea	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
Euphilomedes carcharodonta	Ostracoda	0	1	3	1.3	1.5	0	3	1.5	0.9	3.4	4	
Listriella goleta	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Corophium heteroceratum	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Gnathia crenulatifrons	Isopoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4	
Sulcoretusa xystrum	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	26	54	71	50.3	48.5	26	71	22.7	13.1	51.1	151	
	TOTAL SPECIES	21	8	11	14	11.0	11.0	8	14	3.0	1.7	6.8	33
	TOTAL CRUST. INDIV.		1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7
	TOTAL CRUST. SP.	4	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID SP.	2	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.		0	2	3	1.7	1.5	0	3	1.5	0.9	3.4	5
	OTHER CRUSTACEAN SP.	2	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.		1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
	TOTAL MOLLUSC SP.	2	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL POLYCHAETE INDIV.		23	49	64	45.3	43.5	23	64	20.7	12.0	46.7	136

Benthic Community Data

TOTAL POLYCHAETE SP. 14 5 7 10 | 7.3 7.5 5 10 2.5 1.5 5.7 22

STANUM STATION IDORG DATE LEG
40004.1 LOWER MAIN CHANNEL 10 07/29/92 1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Chaetozone corona	Polychaeta	2	3	1	2.0	2.0	1	3	1.0	0.6	2.3	6	
Cirratulidae spp. indet.	Polychaeta	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3	
Cossura candida	Polychaeta	16	3	14	11.0	9.5	3	16	7.0	4.0	15.8	33	
Glycera americana	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Glycera spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leitoscoloplos pugettensis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Levinsenia gracilis	Polychaeta	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5	
Lumbrineridae spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Maldanidae spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Malmgreniella spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nephtys cornuta	Polychaeta	0	4	4	2.7	2.0	0	4	2.3	1.3	5.2	8	
Paraonidae spp. indet.	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Prionospio spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Euphilomedes carcharodonta	Ostracoda	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
Protothaca staminea	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Tellina modesta	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Aglajidae	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	23	13	34	23.3	23.5	13	34	10.5	6.1	23.6	70	
	TOTAL SPECIES	18	7	6	13	8.7	9.5	6	13	3.8	2.2	8.5	26
	TOTAL CRUST. INDIV.	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
	TOTAL CRUST. SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1	
	GAMMARID INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	OTHER CRUSTACEAN INDIV.	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
	OTHER CRUSTACEAN SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1	
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
	TOTAL MOLLUSC SP.	3	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL POLYCHAETE INDIV.	23	12	29	21.3	20.5	12	29	8.6	5.0	19.4	64	
	TOTAL POLYCHAETE SP.	13	7	5	9	7.0	7.0	5	9	2.0	1.2	4.5	21

Benthic Community Data

STANUM STATION IDORG DATE LEG
 40004.2 LOWER MAIN CHANNEL 11 07/29/92 1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Ampharetidae spp. juv.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Cirratulidae spp. indet.	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Cossura candida	Polychaeta	23	24	18	21.7	21.0	18	24	3.2	1.9	7.2	65
Eranno lagunae	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
Levinsenia gracilis	Polychaeta	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
Mediomastus spp. indet.	Polychaeta	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
Monticellina sp. C	Polychaeta	3	4	10	5.7	6.5	3	10	3.8	2.2	8.5	17
Nephtys cornuta	Polychaeta	8	9	3	6.7	6.0	3	9	3.2	1.9	7.2	20
Paraprionospia pinnata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma erecta	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Scoletoma tetraura	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Terebellidae spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Euphilomedes carcharodonta	Ostracoda	4	2	0	2.0	2.0	0	4	2.0	1.2	4.5	6
Bathyleberis californica	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculus	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Gnathia crenulatifrons	Isopoda	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Listriella goleta	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Amphiodia sp.	Ophiuroidea	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Aglajidae	Gastropoda	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Macoma sp.	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	50	57	44	50.3	50.5	44	57	6.5	3.8	14.6	151
	TOTAL SPECIES	25	13	17	14.7	15.0	13	17	2.1	1.2	4.7	44
	TOTAL CRUST. INDIV.	5	3	4	4.0	4.0	3	5	1.0	0.6	2.3	12
	TOTAL CRUST. SP.	5	2	2	2.3	2.5	2	3	0.6	0.3	1.3	7
	GAMMARID INDIV.	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	GAMMARID SP.	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	OTHER CRUSTACEAN INDIV.	5	3	2	3.3	3.5	2	5	1.5	0.9	3.4	10
	OTHER CRUSTACEAN SP.	3	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5

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TOTAL ECHINODERM INDIV.		2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
TOTAL ECHINODERM SP.	1	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
TOTAL MOLLUSC INDIV.		1	2	3	2.0	2.0	1	3	1.0	0.6	2.3	6
TOTAL MOLLUSC SP.	3	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
TOTAL POLYCHAETE INDIV.		42	50	36	42.7	43.0	36	50	7.0	4.1	15.8	128
TOTAL POLYCHAETE SP.	15	9	13	7	9.7	10.0	7	13	3.1	1.8	6.9	29

STANUM	STATION	IDORG	DATE	LEG
40004.3	LOWER MAIN CHANNEL	12	07/29/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Amphicteis scaphobranchiata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirratulida spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	22	39	18	26.3	28.5	18	39	11.2	6.4	25.1	79
Leitoscoloplos pugettensis	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Levinsenia gracilis	Polychaeta	4	0	0	1.3	2.0	0	4	2.3	1.3	5.2	4
Malmgreniella spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus spp. indet.	Polychaeta	1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Monticellina dorsobranchialis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta	4	1	3	2.7	2.5	1	4	1.5	0.9	3.4	8
Paraprionospio pinnata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio spp. indet.	Polychaeta	2	0	6	2.7	3.0	0	6	3.1	1.8	6.9	8
Sigambra tentaculata	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Scoletoma tetraura	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nematoda	Nematoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Solen sp.	Bivalvia	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Theora fragilis	Bivalvia	1	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6
Amphiodia sp.	Ophioroidea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	38	54	36	42.7	45.0	36	54	9.9	5.7	22.2	128
	TOTAL SPECIES	21	10	11	10.3	10.5	10	11	0.6	0.3	1.3	31
	TOTAL CRUST. INDIV.	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL CRUST. SP.	1	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0

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OTHER CRUSTACEAN INDIV.	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
OTHER CRUSTACEAN SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3
TOTAL ECHINODERM INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL ECHINODERM SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3
TOTAL MOLLUSC INDIV.	1	5	2	2.7	3.0	1	5	2.1	1.2	4.7	8
TOTAL MOLLUSC SP.	2	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3
TOTAL POLYCHAETE INDIV.	37	46	33	38.7	39.5	33	46	6.7	3.8	15.0	116
TOTAL POLYCHAETE SP.	15	9	6	8	7.7	7.5	6	9	1.5	0.9	3.4

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40005.1 EAST BASIN,TURNING BASIN 13 07/30/92 1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Chaetozone corona	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cossura candida	Polychaeta	7	2	9	6.0	5.5	2	9	3.6	2.1	8.1	18	
Euchone limnicola	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
Mediomastus spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Monticellina sp. C	Polychaeta	4	0	0	1.3	2.0	0	4	2.3	1.3	5.2	4	
Nephtys cornuta	Polychaeta	3	0	3	2.0	1.5	0	3	1.7	1.0	3.9	6	
Scoletoma erecta	Polychaeta	0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4	
nemertea	Nemertea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4	
	TOTAL INDIVIDUALS	17	6	18	13.7	12.0	6	18	6.7	3.8	15.0	41	
	TOTAL SPECIES	9	5	4	6	5.0	5.0	4	6	1.0	0.6	2.3	15
	TOTAL CRUST. INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL CRUST. SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	GAMMARID INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	GAMMARID SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	OTHER CRUSTACEAN INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	OTHER CRUSTACEAN SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4	
	TOTAL MOLLUSC SP.	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3	
	TOTAL POLYCHAETE INDIV.	15	4	17	12.0	10.5	4	17	7.0	4.0	15.8	36	
	TOTAL POLYCHAETE SP.	7	4	2	5	3.7	3.5	2	5	1.5	0.9	3.4	11

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40005.2	EAST BASIN TURNING BASIN	14	07/30/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Chaetozone corona	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Cirratulidae spp. indet.	Polychaeta	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4	
Cossura candida	Polychaeta	2	0	4	2.0	2.0	0	4	2.0	1.2	4.5	6	
Glycera americana	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mediomastus spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nephtys cornuta	Polychaeta	0	3	4	2.3	2.0	0	4	2.1	1.2	4.7	7	
Paraprionospio pinnata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Spionidae spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Euphilomedes carcharodonta	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	3	10	11	8.0	7.0	3	11	4.4	2.5	9.8	24	
	TOTAL SPECIES	9	2	7	4	4.3	4.5	2	7	2.5	1.5	5.7	13
	TOTAL CRUST. INDIV.	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL CRUST. SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	GAMMARID SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	OTHER CRUSTACEAN INDIV.	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	OTHER CRUSTACEAN SP.	1	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL POLYCHAETE INDIV.	3	9	11	7.7	7.0	3	11	4.2	2.4	9.4	23	
	TOTAL POLYCHAETE SP.	8	2	6	4.0	4.0	2	6	2.0	1.2	4.5	12	

STANUM	STATION	IDORG	DATE	LEG
40005.3	EAST BASIN TURNING BASIN	15	07/30/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Cirratulidae spp. indet.	Polychaeta	2	3	2	2.3	2.5	2	3	0.6	0.3	1.3	7
Cossura candida	Polychaeta	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
Euchone limnicola	Polychaeta	1	2	5	2.7	3.0	1	5	2.1	1.2	4.7	8
Mediomastus spp. indet.	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Monticellina sp. C	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1

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Scoletoma erecta	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Euphilomedes carcharodonta	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Aglajidae	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	3	6	15	8.0	9.0	3	15	6.2	3.6	14.1	24	
	TOTAL SPECIES	8	2	3	7	4.0	4.5	2	7	2.6	1.5	6.0	12
	TOTAL CRUST. INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL CRUST. SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	OTHER CRUSTACEAN INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	OTHER CRUSTACEAN SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	0	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL POLYCHAETE INDIV.	3	6	13	7.3	8.0	3	13	5.1	3.0	11.5	22	
	TOTAL POLYCHAETE SP.	6	2	3	5	3.3	3.5	2	5	1.5	0.9	3.4	10

STANUM	STATION	IDORG	DATE	LEG
40006.1	CONSOLIDATED SLIP	16	07/31/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Capitella capitata	Polychaeta	6	8	6	6.7	7.0	6	8	1.2	0.7	2.6	20	
Cossura candida	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Dorvillea longicornis	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Euchone limnicola	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leitoscoloplos spp. juv.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nephtys comuta	Polychaeta	4	6	0	3.3	3.0	0	6	3.1	1.8	6.9	10	
Nereididae spp. juv.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
oligochaeta	Polychaeta	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3	
Grandidierella japonica	Amphipoda	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10	
Theora fragilis	Bivalvia	5	12	2	6.3	7.0	2	12	5.1	3.0	11.5	19	
Aglajidae	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	21	34	14	23.0	24.0	14	34	10.1	5.9	22.8	69	
	TOTAL SPECIES	11	6	8	4	6.0	6.0	4	8	2.0	1.2	4.5	18
	TOTAL CRUST. INDIV.	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10	
	TOTAL CRUST. SP.	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3	
	GAMMARID INDIV.	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10	

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GAMMARID SP.	1	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		6	12	2	6.7	7.0	2	12	5.0	2.9	11.3	20
TOTAL MOLLUSC SP.	2	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL POLYCHAETE INDIV.		12	18	9	13.0	13.5	9	18	4.6	2.6	10.3	39
TOTAL POLYCHAETE SP.	8	3	6	2	3.7	4.0	2	6	2.1	1.2	4.7	11

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40006.2	CONSOLIDATED SLIP	17	07/31/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Capitella capitata	Polychaeta	0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5
Euchone limnicola	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Nephtys cornuta	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
oligochaeta	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Grandidierella japonica	Amphipoda	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Amphideutopus oculatus	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	1	6	1	2.7	3.5	1	6	2.9	1.7	6.5	8
Euphilomedes carcharodonta	Ostracoda	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mactra californica	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	4	9	12	8.3	8.0	4	12	4.0	2.3	9.1	25
	TOTAL SPECIES	10	4	8	5.3	6.0	4	8	2.3	1.3	5.2	16
	TOTAL CRUST. INDIV.	2	0	4	2.0	2.0	0	4	2.0	1.2	4.5	6
	TOTAL CRUST. SP.	4	2	3	1.7	1.5	0	3	1.5	0.9	3.4	5
	GAMMARID INDIV.	2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
	GAMMARID SP.	3	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
	OTHER CRUSTACEAN INDIV.	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	OTHER CRUSTACEAN SP.	1	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.	1	6	2	3.0	3.5	1	6	2.6	1.5	6.0	9
	TOTAL MOLLUSC SP.	2	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL POLYCHAETE INDIV.	1	3	6	3.3	3.5	1	6	2.5	1.5	5.7	10
	TOTAL POLYCHAETE SP.	4	1	3	2.3	2.0	1	3	1.2	0.7	2.6	7

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 40006.3 CONSOLIDATED SLIP 18 07/31/92 1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Capitella capitata	Polychaeta	0	67	4	23.7	33.5	0	67	37.6	21.7	84.6	71	
Cossura candida	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Dorvillea longicornis	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
oligochaeta	Polychaeta	0	24	3	9.0	12.0	0	24	13.1	7.5	29.4	27	
Grandidierella japonica	Amphipoda	1	74	1	25.3	37.5	1	74	42.1	24.3	94.8	76	
Corophium ? acherusicum	Amphipoda	0	4	0	1.3	2.0	0	4	2.3	1.3	5.2	4	
Mayerella banksia	Amphipoda	0	8	0	2.7	4.0	0	8	4.6	2.7	10.4	8	
Theora fragilis	Bivalvia	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3	
Protothaca sp.	Bivalvia	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Kellia sp.	Bivalvia	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
	TOTAL INDIVIDUALS	1	187	9	65.7	94.0	1	187	105.2	60.7	236.6	197	
	TOTAL SPECIES	10	1	10	4	5.0	5.5	1	10	4.6	2.6	10.3	15
	TOTAL CRUST. INDIV.	1	86	1	29.3	43.5	1	86	49.1	28.3	110.4	88	
	TOTAL CRUST. SP.	3	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.	1	86	1	29.3	43.5	1	86	49.1	28.3	110.4	88	
	GAMMARID SP.	3	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	OTHER CRUSTACEAN INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	OTHER CRUSTACEAN SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	0	7	0	2.3	3.5	0	7	4.0	2.3	9.1	7	
	TOTAL MOLLUSC SP.	3	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
	TOTAL POLYCHAETE INDIV.	0	94	8	34.0	47.0	0	94	52.1	30.1	117.3	102	
	TOTAL POLYCHAETE SP.	4	0	4	3	2.3	2.0	0	4	2.1	1.2	4.7	7

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STANUM 40007.1 STATION LONG BEACH HAR.(CHANNEL2) IDORG 19 DATE 09/01/92 LEG 3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Aphelochaeta multifilis	Polychaeta	3	1	2	2.0	2.0	1	3	1.0	0.6	2.3	6
Chaetozone corona	Polychaeta	3	2	4	3.0	3.0	2	4	1.0	0.6	2.3	9
Cossura candida	Polychaeta	42	30	46	39.3	38.0	30	46	8.3	4.8	18.7	118
Eranno lagunae	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euchone limnicola	Polychaeta	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Eumida longicomuta	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera capitata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	0	4	2	2.0	2.0	0	4	2.0	1.2	4.5	6
Levinsenia gracilis	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Mediomastus californiensis	Polychaeta	10	6	11	9.0	8.5	6	11	2.6	1.5	6.0	27
Monticellina dorsobranchialis	Polychaeta	8	5	6	6.3	6.5	5	8	1.5	0.9	3.4	19
Monticellina sp. C	Polychaeta	5	3	21	9.7	12.0	3	21	9.9	5.7	22.2	29
Nephtys cornuta	Polychaeta	2	6	3	3.7	4.0	2	6	2.1	1.2	4.7	11
Nereis procera	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Notomastus tenuis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paramage scutata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraonidae spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis glabra	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Prionospio lighti	Polychaeta	5	0	0	1.7	2.5	0	5	2.9	1.7	6.5	5
Scoletoma erecta	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma tetraura	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Spiophanes bombyx	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Streblosoma sp. B	Polychaeta	1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7
nemertea	Nemertea	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
Listriella goleta	Amphipoda	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Euphilomedes carcharodonta	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Bathyleberis californica	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	5	1	4	3.3	3.0	1	5	2.1	1.2	4.7	10
TOTAL INDIVIDUALS		93	72	114	93.0	93.0	72	114	21.0	12.1	47.3	279
TOTAL SPECIES		30	18	19	18.7	18.5	18	19	0.6	0.3	1.3	56
TOTAL CRUST. INDIV.		1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL CRUST. SP.		3	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4

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GAMMARID INDIV.		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
GAMMARID SP.	1	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
OTHER CRUSTACEAN INDIV.		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
OTHER CRUSTACEAN SP.	2	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		5	1	4	3.3	3.0	1	5	2.1	1.2	4.7	10
TOTAL MOLLUSC SP.	1	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
TOTAL POLYCHAETE INDIV.		86	69	105	86.7	87.0	69	105	18.0	10.4	40.5	260
TOTAL POLYCHAETE SP.	25	15	16	15	15.3	15.5	15	16	0.6	0.3	1.3	46

STANUM	STATION	IDORG	DATE	LEG
40007.2	LONG BEACH HAR.(CHANNEL2)	20	09/01/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta	3	3	0	2.0	1.5	0	3	1.7	1.0	3.9	6
Aphelochaeta multifilis	Polychaeta	7	2	3	4.0	4.5	2	7	2.6	1.5	6.0	12
Chaetozone corona	Polychaeta	0	2	3	1.7	1.5	0	3	1.5	0.9	3.4	5
Chaetozone sp. 1	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	34	43	49	42.0	41.5	34	49	7.5	4.4	17.0	126
Dorvillea longicornis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Eranno lagunae	Polychaeta	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Euchone limnicola	Polychaeta	4	2	1	2.3	2.5	1	4	1.5	0.9	3.4	7
Leitoscoloplos pugettensis	Polychaeta	0	5	2	2.3	2.5	0	5	2.5	1.5	5.7	7
Mediomastus californiensis	Polychaeta	8	14	8	10.0	11.0	8	14	3.5	2.0	7.8	30
Monticellina dorsobranchialis	Polychaeta	13	9	2	8.0	7.5	2	13	5.6	3.2	12.5	24
Monticellina sp. C	Polychaeta	5	4	7	5.3	5.5	4	7	1.5	0.9	3.4	16
Nephtys cornuta	Polychaeta	4	8	1	4.3	4.5	1	8	3.5	2.0	7.9	13
Notomastus tenuis	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Scoletoma erecta	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Spiophanes bombyx	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Streblosoma sp. B	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
Theora fragilis	Bivalvia	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Aglajidae	Gastropoda	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
TOTAL INDIVIDUALS		81	99	85	88.3	90.0	81	99	9.5	5.5	21.3	265
TOTAL SPECIES		20	11	15	13.7	13.0	11	15	2.3	1.3	5.2	41
TOTAL CRUST. INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0

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TOTAL CRUST. SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
GAMMARID INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5
TOTAL MOLLUSC SP.	2	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
TOTAL POLYCHAETE INDIV.		80	97	79	85.3	88.0	79	97	10.1	5.8	22.8	256
TOTAL POLYCHAETE SP.	17	10	13	12	11.7	11.5	10	13	1.5	0.9	3.4	35

STANUM	STATION	IDORG	DATE	LEG
40007.3	LONG BEACH HAR.(CHANNEL2)	21	09/01/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta multifilis	Polychaeta	1	6	2	3.0	3.5	1	6	2.6	1.5	6.0	9
Chaetozone corona	Polychaeta	3	1	2	2.0	2.0	1	3	1.0	0.6	2.3	6
Cossura candida	Polychaeta	17	25	20	20.7	21.0	17	25	4.0	2.3	9.1	62
Eranno lagunae	Polychaeta	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Euchone limnicola	Polychaeta	7	6	3	5.3	5.0	3	7	2.1	1.2	4.7	16
Leitoscoloplos pugettensis	Polychaeta	3	4	1	2.7	2.5	1	4	1.5	0.9	3.4	8
Mediomastus californiensis	Polychaeta	9	7	6	7.3	7.5	6	9	1.5	0.9	3.4	22
Monticellina dorsobranchialis	Polychaeta	9	9	17	11.7	13.0	9	17	4.6	2.7	10.4	35
Monticellina sp. C	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Nephtys cornuta	Polychaeta	2	8	1	3.7	4.5	1	8	3.8	2.2	8.5	11
Notomastus tenuis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Podarkeopsis sp. A	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio heterobranchia	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma erecta	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
nemertea	Nemertea	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Synchelidium sp.	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
Neotrypaea californiensis	Decapoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL INDIVIDUALS		62	77	60	66.3	68.5	60	77	9.3	5.4	20.9	199

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TOTAL SPECIES	21	16	15	14	15.0	15.0	14	16	1.0	0.6	2.3	45
TOTAL CRUST. INDIV.		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
TOTAL CRUST. SP.	2	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
GAMMARID INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
GAMMARID SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
OTHER CRUSTACEAN INDIV.		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
OTHER CRUSTACEAN SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		3	4	4	3.7	3.5	3	4	0.6	0.3	1.3	11
TOTAL MOLLUSC SP.	2	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL POLYCHAETE INDIV.		57	70	56	61.0	63.0	56	70	7.8	4.5	17.6	183
TOTAL POLYCHAETE SP.	16	13	12	12	12.3	12.5	12	13	0.6	0.3	1.3	37

STANUM	STATION	IDORG	DATE	LEG
40008.1	EAST BASIN PIER C	22	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
<i>Acmira catherinae</i>	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Aphelochaeta monilaris</i>	Polychaeta	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
<i>Aphelochaeta multifilis</i>	Polychaeta	1	1	6	2.7	3.5	1	6	2.9	1.7	6.5	8
<i>Aricidea wassi</i>	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Chaetozone corona</i>	Polychaeta	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
<i>Cossura candida</i>	Polychaeta	38	39	55	44.0	46.5	38	55	9.5	5.5	21.5	132
<i>Euchone limnicola</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Euclymeninae spp. indet.</i>	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Glycera americana</i>	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Leitoscoloplos pugettensis</i>	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
<i>Levinsenia gracilis</i>	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Lumbrineris inflata</i>	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Malmgreniella macginitiei</i>	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Marphysa disjuncta</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Mediomastus californiensis</i>	Polychaeta	8	6	3	5.7	5.5	3	8	2.5	1.5	5.7	17
<i>Megalomma pigmentum</i>	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Melinna oculata</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Micropodarke dubia</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Monticellina dorsobranchialis</i>	Polychaeta	2	3	1	2.0	2.0	1	3	1.0	0.6	2.3	6
<i>Monticellina sp. C</i>	Polychaeta	9	15	21	15.0	15.0	9	21	6.0	3.5	13.5	45

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Nephtys cornuta	Polychaeta	3	2	4	3.0	3.0	2	4	1.0	0.6	2.3	9	
Nereis procera	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Paraprionospio pinnata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Pholoe glabra	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Scoletoma erecta	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Sigambra tentaculata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Streblospio sp. B	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3	
nemertea	Nemertea	0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4	
Euphilomedes carcharodonta	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Listriella goleta	Amphipoda	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Amphideutopus oculatus	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Corophium heteroceratum	Amphipoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Theora fragilis	Bivalvia	4	3	5	4.0	4.0	3	5	1.0	0.6	2.3	12	
Parvilucina tenuisculpta	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS		77	85	110	90.7	93.5	77	110	17.2	9.9	38.7	272
	TOTAL SPECIES	34	18	21	20	19.7	19.5	18	21	1.5	0.9	3.4	59
	TOTAL CRUST. INDIV.		1	4	1	2.0	2.5	1	4	1.7	1.0	3.9	6
	TOTAL CRUST. SP.	4	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID SP.	3	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	OTHER CRUSTACEAN INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		4	3	6	4.3	4.5	3	6	1.5	0.9	3.4	13
	TOTAL MOLLUSC SP.	2	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL POLYCHAETE INDIV.		72	76	101	83.0	86.5	72	101	15.7	9.1	35.4	249
	TOTAL POLYCHAETE SP.	27	16	16	16	16.0	16.0	16	16	0.0	0.0	0.0	48

STANUM	STATION	IDORG	DATE	LEG
40008.2	EAST BASIN PIER C	23	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta	0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5
Aphelochaeta multifilis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	19	13	31	21.0	22.0	13	31	9.2	5.3	20.6	63
Laonice cirrata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1

Benthic Community Data

Levinsenia gracilis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mediomastus californiensis	Polychaeta	5	2	8	5.0	5.0	2	8	3.0	1.7	6.8	15	
Monticellina dorsobranchialis	Polychaeta	3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5	
Nephtys cornuta	Polychaeta	0	2	4	2.0	2.0	0	4	2.0	1.2	4.5	6	
Podarkeopsis sp. A	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Prionospio lighti	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Scoletoma erecta	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Sigambra tentaculata	Polychaeta	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
nemertea	Nemertea	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
oligochaeta	Oligochaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Corophium heteroceratum	Amphipoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Amphideutopus oculatus	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Listriella goleta	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Pinnixa sp.	Decapoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
	TOTAL INDIVIDUALS	33	27	57	39.0	42.0	27	57	15.9	9.2	35.7	117	
	TOTAL SPECIES	20	8	11	13	10.7	10.5	8	13	2.5	1.5	5.7	32
	TOTAL CRUST. INDIV.		1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	TOTAL CRUST. SP.	4	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
	GAMMARID SP.	3	1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
	OTHER CRUSTACEAN INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL MOLLUSC SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL POLYCHAETE INDIV.		30	21	54	35.0	37.5	21	54	17.1	9.8	38.4	105
	TOTAL POLYCHAETE SP.	13	5	6	11	7.3	8.0	5	11	3.2	1.9	7.2	22

STANUM	STATION	IDORG	DATE	LEG
40008.3	EAST BASIN PIER C	24	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta monilaris	Polychaeta	5	1	3	3.0	3.0	1	5	2.0	1.2	4.5	9
Aphelochaeta multifilis	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Aricidea wassi	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

Benthic Community Data

Chaetozone corona	Polychaeta	5	3	3	3.7	4.0	3	5	1.2	0.7	2.6	11
Cossura candida	Polychaeta	58	68	110	78.7	84.0	58	110	27.6	15.9	62.1	236
Eranno lagunae	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Euclymeninae spp. juv.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera americana	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	3	4	1	2.7	2.5	1	4	1.5	0.9	3.4	8
Mediomastus californiensis	Polychaeta	13	7	8	9.3	10.0	7	13	3.2	1.9	7.2	28
Monticellina dorsobranchialis	Polychaeta	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
Monticellina sp. C	Polychaeta	7	10	7	8.0	8.5	7	10	1.7	1.0	3.9	24
Nephtys cornuta	Polychaeta	5	5	8	6.0	6.5	5	8	1.7	1.0	3.9	18
Nereis procera	Polychaeta	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Podarkeopsis sp. A	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Scoletoma erecta	Polychaeta	0	4	2	2.0	2.0	0	4	2.0	1.2	4.5	6
Spiophanes missionensis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Terebellides californica	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Euphilomedes carcharodonta	Ostracoda	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Listriella goleta	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Sinelobus stanfordi		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Amphipoda	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Laevicardium substriatum	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	8	4	5	5.7	6.0	4	8	2.1	1.2	4.7	17
Macoma ?	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Tagelus subteres	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cooperella subdiaphana	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL INDIVIDUALS		119	120	160	133.0	139.5	119	160	23.4	13.5	52.6	399
TOTAL SPECIES		31	19	18	18.7	18.5	18	19	0.6	0.3	1.3	56
TOTAL CRUST. INDIV.		4	1	2	2.3	2.5	1	4	1.5	0.9	3.4	7
TOTAL CRUST. SP.		4	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
GAMMARID INDIV.		1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
GAMMARID SP.		2	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
OTHER CRUSTACEAN INDIV.		3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
OTHER CRUSTACEAN SP.		2	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		10	6	6	7.3	8.0	6	10	2.3	1.3	5.2	22
TOTAL MOLLUSC SP.		6	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8

Benthic Community Data

TOTAL POLYCHAETE INDIV.		105	110	152	122.3	128.5	105	152	25.8	14.9	58.1	367
TOTAL POLYCHAETE SP.	20	13	13	16	14.0	14.5	13	16	1.7	1.0	3.9	42

STANUM	STATION	IDORG	DATE	LEG
40009.1	WEST BASIN ENTRANCE	25	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Acmira horikoshii	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Aphelochaeta multifilis	Polychaeta	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Apoprionospio pygmaea	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Chone mollis	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Cossura candida	Polychaeta	27	27	27	27.0	27.0	27	27	0.0	0.0	0.0	81
Euclymeninae spp. indet.	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Leitoscoloplos pugettensis	Polychaeta	0	3	4	2.3	2.0	0	4	2.1	1.2	4.7	7
Levinsenia gracilis	Polychaeta	2	6	6	4.7	4.0	2	6	2.3	1.3	5.2	14
Lumbrineris californiensis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	4	8	8	6.7	6.0	4	8	2.3	1.3	5.2	20
Monticellina dorsobranchialis	Polychaeta	1	1	4	2.0	2.5	1	4	1.7	1.0	3.9	6
Monticellina sp. C	Polychaeta	9	3	3	5.0	6.0	3	9	3.5	2.0	7.8	15
Nephtys cornuta	Polychaeta	2	0	3	1.7	1.5	0	3	1.5	0.9	3.4	5
Nereis procera	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Paraprionospio pinnata	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Phyllodoce hartmanae	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis sp. A	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5
Prionospio sp. A	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Scoletoma erecta	Polychaeta	0	3	2	1.7	1.5	0	3	1.5	0.9	3.4	5
Sphaerosyllis californiensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
oligochaeta	Oligochaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Amphideutopus oculatus	Amphipoda	4	2	10	5.3	6.0	2	10	4.2	2.4	9.4	16
Euphilomedes carcharodonta	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Isaeidae	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphiodia sp.	Ophioroidea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Sulcoretusa xystrum	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1

Benthic Community Data

Lophopanopeus bellus	Decapoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	66	62	85	71.0	73.5	62	85	12.3	7.1	27.6	213	
	TOTAL SPECIES	32	19	16	23	19.3	19.5	16	23	3.5	2.0	7.9	58
	TOTAL CRUST. INDIV.		4	4	12	6.7	8.0	4	12	4.6	2.7	10.4	20
	TOTAL CRUST. SP.	5	1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7
	GAMMARID INDIV.		4	3	11	6.0	7.0	3	11	4.4	2.5	9.8	18
	GAMMARID SP.	3	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
	OTHER CRUSTACEAN INDIV.		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN SP.	2	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM INDIV.		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL POLYCHAETE INDIV.		57	58	70	61.7	63.5	57	70	7.2	4.2	16.3	185
	TOTAL POLYCHAETE SP.	23	15	13	18	15.3	15.5	13	18	2.5	1.5	5.7	46

STANUM	STATION	IDORG	DATE	LEG
40009.2	WEST BASIN ENTRANCE	26	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Aphelochaeta multifilis	Polychaeta	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
Apoprionospio pygmaea	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	8	8	13	9.7	10.5	8	13	2.9	1.7	6.5	29
Euclymeninae spp. indet.	Polychaeta	2	1	6	3.0	3.5	1	6	2.6	1.5	6.0	9
Glycera americana	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Malmgreniella maccinittiei	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Marphysa disjuncta	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus californiensis	Polychaeta	3	10	6	6.3	6.5	3	10	3.5	2.0	7.9	19
Monticellina dorsobranchialis	Polychaeta	2	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8
Monticellina sp. C	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Nephtys cornuta	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nereis procerca	Polychaeta	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
Paramage scutata	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Podarkeopsis sp. A	Polychaeta	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
Prionospio lighti	Polychaeta	1	4	4	3.0	2.5	1	4	1.7	1.0	3.9	9
Scoletoma erecta	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1

Benthic Community Data

Streblosoma sp. B	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Terebellides californica	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Amphideutopus oculatus	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Listriella goleta	Amphipoda	0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4	
Serolis carinata	Isopoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Tellina modesta	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	0	4	1	1.7	2.0	0	4	2.1	1.2	4.7	5	
Turbonilla sp.	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mytilus sp.	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS		23	45	54	40.7	38.5	23	54	15.9	9.2	35.9	122
	TOTAL SPECIES	28	11	20	18	16.3	15.5	11	20	4.7	2.7	10.6	49
	TOTAL CRUST. INDIV.		0	4	2	2.0	2.0	0	4	2.0	1.2	4.5	6
	TOTAL CRUST. SP.	3	0	3	1	1.3	1.5	0	3	1.5	0.9	3.4	4
	GAMMARID INDIV.		0	3	2	1.7	1.5	0	3	1.5	0.9	3.4	5
	GAMMARID SP.	2	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		0	7	1	2.7	3.5	0	7	3.8	2.2	8.5	8
	TOTAL MOLLUSC SP.	4	0	4	1	1.7	2.0	0	4	2.1	1.2	4.7	5
	TOTAL POLYCHAETE INDIV.		23	33	51	35.7	37.0	23	51	14.2	8.2	31.9	107
	TOTAL POLYCHAETE SP.	20	11	12	16	13.0	13.5	11	16	2.6	1.5	6.0	39

STANUM	STATION	IDORG	DATE	LEG
40009.3	WEST BASIN ENTRANCE	27	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Amphicteis scaphobranchiata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta monilaris	Polychaeta	0	2	5	2.3	2.5	0	5	2.5	1.5	5.7	7
Aphelochaeta multifilis	Polychaeta	2	3	1	2.0	2.0	1	3	1.0	0.6	2.3	6
Apoprionospio pygmaea	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaeta	1	6	3	3.3	3.5	1	6	2.5	1.5	5.7	10
Cossura candida	Polychaeta	17	59	77	51.0	47.0	17	77	30.8	17.8	69.3	153
Glycera americana	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Leitoscoloplos pugettensis	Polychaeta	2	2	4	2.7	3.0	2	4	1.2	0.7	2.6	8

Benthic Community Data

<i>Levinsenia gracilis</i>	Polychaeta	1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
<i>Mediomastus californiensis</i>	Polychaeta	10	14	6	10.0	10.0	6	14	4.0	2.3	9.0	30
<i>Monticellina dorsobranchialis</i>	Polychaeta	1	4	2	2.3	2.5	1	4	1.5	0.9	3.4	7
<i>Monticellina sp. C</i>	Polychaeta	7	7	4	6.0	5.5	4	7	1.7	1.0	3.9	18
<i>Nephtys cornuta</i>	Polychaeta	4	13	6	7.7	8.5	4	13	4.7	2.7	10.6	23
<i>Nereis procera</i>	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Paramage scutata</i>	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Paraprionospio pinnata</i>	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Phyllodoce hartmanae</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Phyllodoce longipes</i>	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Pista disjuncta</i>	Polychaeta	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
<i>Podarkeopsis sp. A</i>	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Prionospio lighti</i>	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Prionospio sp. A</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Scoletoma erecta</i>	Polychaeta	2	2	3	2.3	2.5	2	3	0.6	0.3	1.3	7
<i>Streblosoma sp. B</i>	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Terebellides californica</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>nemertea</i>	Nemertea	4	1	0	1.7	2.0	0	4	2.1	1.2	4.7	5
<i>Amphideutopus oculatus</i>	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Theora fragilis</i>	Bivalvia	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
<i>Laevicardium substriatum</i>	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Odostomia sp.</i>	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Aglajidae</i>	Gastropoda	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Anthozoa</i>	Anthozoa	5	0	1	2.0	2.5	0	5	2.6	1.5	6.0	6
	TOTAL INDIVIDUALS	66	120	128	104.7	97.0	66	128	33.7	19.5	75.9	314
	TOTAL SPECIES	33	20	17	20.0	20.0	17	23	3.0	1.7	6.8	60
	TOTAL CRUST. INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL CRUST. SP.	1	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID SP.	1	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.	3	0	4	2.3	2.0	0	4	2.1	1.2	4.7	7
	TOTAL MOLLUSC SP.	4	3	3	2.0	1.5	0	3	1.7	1.0	3.9	6
	TOTAL POLYCHAETE INDIV.	54	119	122	98.3	88.0	54	122	38.4	22.2	86.5	295
	TOTAL POLYCHAETE SP.	26	15	16	16.3	16.5	15	18	1.5	0.9	3.4	49

Benthic Community Data

STANUM STATION IDORG DATE LEG
 40010.1 OFF CABRILLO BEACH 28 08/18/92 2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Apoprionospio pygmaea	Polychaeta	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
Cossura candida	Polychaeta	59	104	150	104.3	104.5	59	150	45.5	26.3	102.4	313
Mediomastus californiensis	Polychaeta	43	13	53	36.3	33.0	13	53	20.8	12.0	46.8	109
Nephtys caecoides	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys comuta	Polychaeta	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Polydora comuta	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	12	7	26	15.0	16.5	7	26	9.8	5.7	22.2	45
Pseudopolydora paucibranchiata	Polychaeta	3	0	2	1.7	1.5	0	3	1.5	0.9	3.4	5
Scoletoma erecta	Polychaeta	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
nemertea	Nemertea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda	27	19	27	24.3	23.0	19	27	4.6	2.7	10.4	73
Listriella goleta	Amphipoda	8	1	5	4.7	4.5	1	8	3.5	2.0	7.9	14
Corophium heteroceratum	Amphipoda	15	8	23	15.3	15.5	8	23	7.5	4.3	16.9	46
Amphideutopus oculus	Amphipoda	1	9	5	5.0	5.0	1	9	4.0	2.3	9.0	15
Lophopanopeus bellus	Decapoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium ? acherusicum	Amphipoda	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Bathyleberis californica	Ostracoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Amphipoda	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Olivella baetica	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mayerella banksia	Amphipoda	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Macoma ?	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	176	174	299	216.3	236.5	174	299	71.6	41.3	161.1	649
	TOTAL SPECIES	22	13	15	14.3	14.0	13	15	1.2	0.7	2.6	43
	TOTAL CRUST. INDIV.	55	42	62	53.0	52.0	42	62	10.1	5.9	22.8	159
	TOTAL CRUST. SP.	9	6	6	6.0	6.0	6	6	0.0	0.0	0.0	18
	GAMMARID INDIV.	27	23	34	28.0	28.5	23	34	5.6	3.2	12.5	84
	GAMMARID SP.	6	4	5	4.3	4.5	4	5	0.6	0.3	1.3	13
	OTHER CRUSTACEAN INDIV.	28	19	28	25.0	23.5	19	28	5.2	3.0	11.7	75
	OTHER CRUSTACEAN SP.	3	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL MOLLUSC SP.	3	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3

Benthic Community Data

TOTAL POLYCHAETE INDIV.	120	130	236	162.0	178.0	120	236	64.3	37.1	144.6	486	
TOTAL POLYCHAETE SP.	9	6	7	8	7.0	7.0	6	8	1.0	0.6	2.3	21

STANUM	STATION	IDORG	DATE	LEG
40010.2	OFF CABRILLO BEACH	29	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Apoprionospio pygmaea	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Armandia brevis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cossura candida	Polychaeta	33	52	44	43.0	42.5	33	52	9.5	5.5	21.5	129	
Eranno lagunae	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mediomastus acutus	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mediomastus californiensis	Polychaeta	17	5	29	17.0	17.0	5	29	12.0	6.9	27.0	51	
Nephtys caecoides	Polychaeta	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4	
Nephtys cornuta	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Polydora cornuta	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Prionospio lighti	Polychaeta	17	13	49	26.3	31.0	13	49	19.7	11.4	44.4	79	
Pseudopolydora paucibranchiata	Polychaeta	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
Scoletoma erecta	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3	
Streblospio benedicti	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
nemertea	Nemertea	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
Listriella goleta	Amphipoda	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4	
Euphilomedes carcharodonta	Ostracoda	2	1	12	5.0	6.5	1	12	6.1	3.5	13.7	15	
Zeuxo normani	Tanaidacea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Amphideutopus oculatus	Amphipoda	1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4	
Corophium heteroceratum	Amphipoda	6	6	18	10.0	12.0	6	18	6.9	4.0	15.6	30	
Synchelidium shoemakeri	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Grandidierella japonica	Amphipoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Bathyleberis californica	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mayerella banksia	Amphipoda	3	1	9	4.3	5.0	1	9	4.2	2.4	9.4	13	
Mysella sp. B	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cooperella subdiaphana	Bivalvia	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
Theora fragilis	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Corophium ? acherusicum	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
TOTAL INDIVIDUALS		91	94	173	119.3	132.0	91	173	46.5	26.8	104.6	358	
TOTAL SPECIES		27	18	18	15	17.0	16.5	15	18	1.7	1.0	3.9	51
TOTAL CRUST. INDIV.		16	14	42	24.0	28.0	14	42	15.6	9.0	35.1	72	
TOTAL CRUST. SP.		10	8	7	5	6.7	6.5	5	8	1.5	0.9	3.4	20

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GAMMARID INDIV.		13	12	30	18.3	21.0	12	30	10.1	5.8	22.8	55
GAMMARID SP.	7	6	5	4	5.0	5.0	4	6	1.0	0.6	2.3	15
OTHER CRUSTACEAN INDIV.		3	2	12	5.7	7.0	2	12	5.5	3.2	12.4	17
OTHER CRUSTACEAN SP.	3	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		3	0	2	1.7	1.5	0	3	1.5	0.9	3.4	5
TOTAL MOLLUSC SP.	3	2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
TOTAL POLYCHAETE INDIV.		71	78	129	92.7	100.0	71	129	31.7	18.3	71.2	278
TOTAL POLYCHAETE SP.	13	7	10	8	8.3	8.5	7	10	1.5	0.9	3.4	25

STANUM	STATION	IDORG	DATE	LEG
40010.3	OFF CABRILLO BEACH	30	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Apoprionospio pygmaea	Polychaeta	0	2	4	2.0	2.0	0	4	2.0	1.2	4.5	6
Armandia brevis	Polychaeta	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Cossura candida	Polychaeta	88	65	87	80.0	76.5	65	88	13.0	7.5	29.3	240
Mediomastus californiensis	Polychaeta	61	41	32	44.7	46.5	32	61	14.8	8.6	33.4	134
Nephtys caecoides	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys comuta	Polychaeta	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
Polydora comuta	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Prionospio lighti	Polychaeta	80	53	36	56.3	58.0	36	80	22.2	12.8	49.9	169
Pseudopolydora paucibranchiata	Polychaeta	5	7	7	6.3	6.0	5	7	1.2	0.7	2.6	19
Scoletoma erecta	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nematoda	Nematoda	4	8	3	5.0	5.5	3	8	2.6	1.5	6.0	15
nemertea	Nemertea	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Corophium heteroceratum	Amphipoda	16	28	80	41.3	48.0	16	80	34.0	19.6	76.5	124
Grandidierella japonica	Amphipoda	11	10	17	12.7	13.5	10	17	3.8	2.2	8.5	38
Amphideutopus oculatus	Amphipoda	4	1	5	3.3	3.0	1	5	2.1	1.2	4.7	10
Euphilomedes carcharodonta	Ostracoda	14	23	41	26.0	27.5	14	41	13.7	7.9	30.9	78
Bathyleberis californica	Ostracoda	3	3	3	3.0	3.0	3	3	0.0	0.0	0.0	9
Mayerella banksia	Amphipoda	3	2	5	3.3	3.5	2	5	1.5	0.9	3.4	10
Lophopanopeus bellus	Decapoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Oxyrystylis pacifica	Cumacea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monoculodes hartmanae	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cooperella subdiaphana	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

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Protothaca staminea	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tellina modesta	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium ? acherusicum	Amphipoda	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
	TOTAL INDIVIDUALS	301	254	325	293.3	289.5	254	325	36.1	20.9	81.3	880
	TOTAL SPECIES	26	20	20	18.7	18.0	16	20	2.3	1.3	5.2	56
	TOTAL CRUST. INDIV.		54	71	92.0	102.5	54	151	51.8	29.9	116.5	276
	TOTAL CRUST. SP.	10	8	9	7.7	7.5	6	9	1.5	0.9	3.4	23
	GAMMARID INDIV.		36	44	62.3	71.5	36	107	38.9	22.5	87.5	187
	GAMMARID SP.	6	5	6	5.0	5.0	4	6	1.0	0.6	2.3	15
	OTHER CRUSTACEAN INDIV.		18	27	29.7	31.0	18	44	13.2	7.6	29.7	89
	OTHER CRUSTACEAN SP.	4	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8
	TOTAL ECHINODERM INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL MOLLUSC SP.	3	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL POLYCHAETE INDIV.		239	174	194.7	205.0	171	239	38.4	22.2	86.5	584
	TOTAL POLYCHAETE SP.	11	8	9	8.7	8.5	8	9	0.6	0.3	1.3	26

STANUM	STATION	IDORG	DATE	LEG
40011.1	INNER HARBOR (CHANNEL 3)	31	09/01/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Aphelochaeta monilaris	Polychaeta	7	1	2	3.3	4.0	1	7	3.2	1.9	7.2	10
Aphelochaeta multifilis	Polychaeta	15	10	7	10.7	11.0	7	15	4.0	2.3	9.1	32
Chaetozone corona	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	39	14	41	31.3	27.5	14	41	15.0	8.7	33.9	94
Eranno lagunae	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euchone limnicola	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Euclymeninae spp. indet.	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Leitoscoloplos pugettensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Levinsenia gracilis	Polychaeta	7	1	9	5.7	5.0	1	9	4.2	2.4	9.4	17
Mediomastus californiensis	Polychaeta	20	3	8	10.3	11.5	3	20	8.7	5.0	19.7	31
Monticellina dorsobranchialis	Polychaeta	4	2	2	2.7	3.0	2	4	1.2	0.7	2.6	8
Monticellina sp. C	Polychaeta	4	1	0	1.7	2.0	0	4	2.1	1.2	4.7	5
Nephtys cornuta	Polychaeta	9	1	1	3.7	5.0	1	9	4.6	2.7	10.4	11
Pista alata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis glabra	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1

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Poecilochaetus sp. A	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Prionospio lighti	Polychaeta	5	1	0	2.0	2.5	0	5	2.6	1.5	6.0	6	
Listriella goleta	Amphipoda	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Gnathia crenulatifrons	Isopoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Neotrypaea californiensis	Decapoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Crangon alaskensis elongata	Decapoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	4	0	3	2.3	2.0	0	4	2.1	1.2	4.7	7	
Parvilucina tenuisculpta	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS		121	38	81	80.0	79.5	38	121	41.5	24.0	93.4	240
	TOTAL SPECIES	24	17	13	15	15.0	15.0	13	17	2.0	1.2	4.5	45
	TOTAL CRUST. INDIV.		1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	TOTAL CRUST. SP.	4	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID SP.	1	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.		1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN SP.	3	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		4	0	4	2.7	2.0	0	4	2.3	1.3	5.2	8
	TOTAL MOLLUSC SP.	2	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL POLYCHAETE INDIV.		116	35	76	75.7	75.5	35	116	40.5	23.4	91.1	227
	TOTAL POLYCHAETE SP.	18	15	10	12	12.3	12.5	10	15	2.5	1.5	5.7	37

STANUM	STATION	IDORG	DATE	LEG
40011.2	INNER HARBOR (CHANNEL 3)	32	09/01/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochoeta monilaris	Polychaeta	5	3	5	4.3	4.0	3	5	1.2	0.7	2.6	13
Aphelochoeta multifilis	Polychaeta	3	3	4	3.3	3.5	3	4	0.6	0.3	1.3	10
Chaetozone corona	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	29	10	18	19.0	19.5	10	29	9.5	5.5	21.5	57
Euchone limnicola	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euclymeninae spp. indet.	Polychaeta	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Leitoscoloplos pugettensis	Polychaeta	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Levensenia gracilis	Polychaeta	2	1	5	2.7	3.0	1	5	2.1	1.2	4.7	8
Mediomastus californiensis	Polychaeta	2	3	17	7.3	9.5	2	17	8.4	4.8	18.9	22
Melinna oculata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina dorsobranchialis	Polychaeta	8	14	5	9.0	9.5	5	14	4.6	2.6	10.3	27

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Monticellina sp. C	Polychaeta	3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5	
Nephtys cornuta	Polychaeta	3	0	1	1.3	1.5	0	3	1.5	0.9	3.4	4	
Nereis procera	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Paramage scutata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Paraprionospio pinnata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Prionospio lighti	Polychaeta	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
Scoletoma inflata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Scoletoma tetraura	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Spiophanes missionensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5	
Listriella goleta	Amphipoda	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3	
Euphilomedes carcharodonta	Ostracoda	6	0	0	2.0	3.0	0	6	3.5	2.0	7.8	6	
Neotrypaea californiensis	Decapoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
	TOTAL INDIVIDUALS	80	42	61	61.0	61.0	42	80	19.0	11.0	42.8	183	
	TOTAL SPECIES	25	20	13	12	15.0	16.0	12	20	4.4	2.5	9.8	45
	TOTAL CRUST. INDIV.	10	0	0	3.3	5.0	0	10	5.8	3.3	13.0	10	
	TOTAL CRUST. SP.	3	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
	GAMMARID INDIV.	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3	
	GAMMARID SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.	7	0	0	2.3	3.5	0	7	4.0	2.3	9.1	7	
	OTHER CRUSTACEAN SP.	2	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
	TOTAL MOLLUSC SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL POLYCHAETE INDIV.	65	41	60	55.3	53.0	41	65	12.7	7.3	28.5	166	
	TOTAL POLYCHAETE SP.	20	15	12	11	12.7	13.0	11	15	2.1	1.2	4.7	38

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40011.3 INNER HARBOR (CHANNEL 3) 33 09/01/92 3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira horikoshii	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta monilaris	Polychaeta	2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
Aphelochaeta multifilis	Polychaeta	4	5	5	4.7	4.5	4	5	0.6	0.3	1.3	14
Chaetozone corona	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	17	17	37	23.7	27.0	17	37	11.5	6.7	26.0	71

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<i>Euchone limnicola</i>	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Laonice cirrata</i>	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Leitoscoloplos pugettensis</i>	Polychaeta	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
<i>Levinsenia gracilis</i>	Polychaeta	2	4	1	2.3	2.5	1	4	1.5	0.9	3.4	7	
<i>Lumbrineris ? index</i>	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Mediomastus californiensis</i>	Polychaeta	6	9	1	5.3	5.0	1	9	4.0	2.3	9.1	16	
<i>Monticellina dorsobranchialis</i>	Polychaeta	4	3	6	4.3	4.5	3	6	1.5	0.9	3.4	13	
<i>Monticellina sp. C</i>	Polychaeta	0	3	1	1.3	1.5	0	3	1.5	0.9	3.4	4	
<i>Nephtys cornuta</i>	Polychaeta	7	9	6	7.3	7.5	6	9	1.5	0.9	3.4	22	
<i>Nereididae spp. juv.</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Pectinaria californiensis</i>	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Prionospio lighti</i>	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
<i>Prionospio sp. A</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Sigambra tentaculata</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Spiophanes berkeleyorum</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Streblosoma sp. B</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Terebellides sp. juv.</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>nemertea</i>	Nemertea	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
<i>Euphilomedes carcharodonta</i>	Ostracoda	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4	
<i>Monoculodes hartmanae</i>	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Theora fragilis</i>	Bivalvia	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4	
<i>Rictaxis punctocaelatus</i>	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Neotrypaea californiensis</i>	Decapoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Turbonilla sp.</i>	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
<i>Sulcoretusa xystrum</i>	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS		49	68	69	62.0	59.0	49	69	11.3	6.5	25.4	186
	TOTAL SPECIES	30	13	20	18	17.0	16.5	13	20	3.6	2.1	8.1	51
	TOTAL CRUST. INDIV.		1	4	1	2.0	2.5	1	4	1.7	1.0	3.9	6
	TOTAL CRUST. SP.	3	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.		1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	OTHER CRUSTACEAN SP.	2	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		3	3	1	2.3	2.0	1	3	1.2	0.7	2.6	7
	TOTAL MOLLUSC SP.	4	2	3	1	2.0	2.0	1	3	1.0	0.6	2.3	6
	TOTAL POLYCHAETE INDIV.		45	59	66	56.7	55.5	45	66	10.7	6.2	24.1	170
	TOTAL POLYCHAETE SP.	22	10	13	15	12.7	12.5	10	15	2.5	1.5	5.7	38

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40011.4	INNER HARBOR (CHANNEL 3)	111	09/01/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Amphicteis scaphobranchiata	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Aphelochaeta monilaris	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Aphelochaeta multifilis	Polychaeta	2	13	7	7.3	7.5	2	13	5.5	3.2	12.4	22
Chaetozone corona	Polychaeta	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
Cossura candida	Polychaeta	14	11	22	15.7	16.5	11	22	5.7	3.3	12.8	47
Euchone limnicola	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Euclymeninae spp. indet.	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Laonice cirrata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Levinsenia gracilis	Polychaeta	8	6	9	7.7	7.5	6	9	1.5	0.9	3.4	23
Lumbrineridae spp. juv.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	5	10	5	6.7	7.5	5	10	2.9	1.7	6.5	20
Monticellina dorsobranchialis	Polychaeta	7	1	4	4.0	4.0	1	7	3.0	1.7	6.8	12
Monticellina sp. C	Polychaeta	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Nephtys cornuta	Polychaeta	10	6	2	6.0	6.0	2	10	4.0	2.3	9.0	18
Paraprionospio pinnata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Parougia caeca	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	2	4	0	2.0	2.0	0	4	2.0	1.2	4.5	6
Prionospio sp. A	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Scoletoma erecta	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Sigambra tentaculata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Særblosoma sp. B	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Spiophanes berkeleyorum	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Spionidae sp. juv.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Terebellides spp. juv.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
oligochaete	Oligochaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Gnathia crenulatifrons	Isopoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Listriella goleta	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Westwoodilla caecula	Amphipoda	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Acuminodeutopus heteruropus	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pinnixa sp.	Decapoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1

Benthic Community Data

Neotrypaea californiensis	Decapoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Tellina modesta	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	56	71	67	64.7	63.5	56	71	7.8	4.5	17.5	194	
	TOTAL SPECIES	36	15	23	20.0	19.0	15	23	4.4	2.5	9.8	60	
	TOTAL CRUST. INDIV.		3	4	1	2.7	2.5	1	4	1.5	0.9	3.4	8
	TOTAL CRUST. SP.	7	3	4	1	2.7	2.5	1	4	1.5	0.9	3.4	8
	GAMMARID INDIV.		1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	GAMMARID SP.	3	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	OTHER CRUSTACEAN INDIV.		2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
	OTHER CRUSTACEAN SP.	4	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL MOLLUSC SP.	2	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL POLYCHAETE INDIV.		52	64	64	60.0	58.0	52	64	6.9	4.0	15.6	180
	TOTAL POLYCHAETE SP.	25	11	17	19	15.7	15.0	11	19	4.2	2.4	9.4	47

STANUM	STATION	IDORG	DATE	LEG
40012.1	SOUTHEAST BASIN	34	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta multifilis	Polychaeta	3	4	1	2.7	2.5	1	4	1.5	0.9	3.4	8
Aphelochaeta monilaris	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	50	33	54	45.7	43.5	33	54	11.2	6.4	25.1	137
Euchone limnicola	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euclymeninae spp. indet.	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Glycinde armigera	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Leitoscoloplos pugettensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Levinsenia gracilis	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus californiensis	Polychaeta	1	5	2	2.7	3.0	1	5	2.1	1.2	4.7	8
Monticellina dorsobranchialis	Polychaeta	3	4	6	4.3	4.5	3	6	1.5	0.9	3.4	13
Monticellina sp. C	Polychaeta	7	5	6	6.0	6.0	5	7	1.0	0.6	2.3	18
Nephtys cornuta	Polychaeta	6	3	13	7.3	8.0	3	13	5.1	3.0	11.5	22
Paramage scutata	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Paraprionospio pinnata	Polychaeta	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Poecilochaetus sp. A	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1

Benthic Community Data

Prionospio heterobranchia	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Prionospio lighti	Polychaeta	7	4	1	4.0	4.0	1	7	3.0	1.7	6.8	12	
Spiophanes berkeleyorum	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Terebellides californica	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Bathyleberis californica	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Euphilomedes carcharodonta	Ostracoda	1	2	4	2.3	2.5	1	4	1.5	0.9	3.4	7	
Amphideutopus oculatus	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	2	4	8	4.7	5.0	2	8	3.1	1.8	6.9	14	
Cooperella subdiaphana	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Listriella goleta	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Turbonilla sp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Odostomia sp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Amphiodia sp.	Ophioroidea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	86	74	107	89.0	90.5	74	107	16.7	9.6	37.6	267	
	TOTAL SPECIES	30	15	17	19	17.0	17.0	15	19	2.0	1.2	4.5	51
	TOTAL CRUST. INDIV.		1	4	5	3.3	3.0	1	5	2.1	1.2	4.7	10
	TOTAL CRUST. SP.	4	1	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6
	GAMMARID INDIV.		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID SP.	2	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.		1	3	4	2.7	2.5	1	4	1.5	0.9	3.4	8
	OTHER CRUSTACEAN SP.	2	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL ECHINODERM INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.		2	4	11	5.7	6.5	2	11	4.7	2.7	10.6	17
	TOTAL MOLLUSC SP.	4	1	1	4	2.0	2.5	1	4	1.7	1.0	3.9	6
	TOTAL POLYCHAETE INDIV.		83	63	91	79.0	77.0	63	91	14.4	8.3	32.5	237
	TOTAL POLYCHAETE SP.	20	13	11	13	12.3	12.0	11	13	1.2	0.7	2.6	37

STANUM	STATION	IDORG	DATE	LEG
40012.2	SOUTHEAST BASIN	35	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Aphelochaeta monilaris	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	14	21	15	16.7	17.5	14	21	3.8	2.2	8.5	50
Euchone limnicola	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1

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Glycera capitata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	3	10	11	8.0	7.0	3	11	4.4	2.5	9.8	24
Monticellina sp. C	Polychaeta	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Nephtys cornuta	Polychaeta	0	4	5	3.0	2.5	0	5	2.6	1.5	6.0	9
Podarkeopsis sp. A	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio heterobranchia	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	2	3	0	1.7	1.5	0	3	1.5	0.9	3.4	5
Sigambra tentaculata	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
nemertea	Nemertea	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Bathyleberis californica	Ostracoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	7	6	12	8.3	9.0	6	12	3.2	1.9	7.2	25
Sulcoretusa xystrum	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphiodia sp.	Ophiuroidea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL INDIVIDUALS	31	50	56	45.7	43.5	31	56	13.1	7.5	29.4	137
	TOTAL SPECIES	20	9	10	11.3	12.0	9	15	3.2	1.9	7.2	34
	TOTAL CRUST. INDIV.		1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL CRUST. SP.	1	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN INDIV.		1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM SP.	1	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.		7	7	9.3	10.5	7	14	4.0	2.3	9.1	28
	TOTAL MOLLUSC SP.	3	1	2	2.0	2.0	1	3	1.0	0.6	2.3	6
	TOTAL POLYCHAETE INDIV.		22	42	34.7	32.0	22	42	11.0	6.4	24.8	104
	TOTAL POLYCHAETE SP.	14	6	7	8.0	8.5	6	11	2.6	1.5	6.0	24

STANUM	STATION	IDORG	DATE	LEG
40012.3	SOUTHEAST BASIN	36	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Amaeana occidentalis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta monilaris	Polychaeta	6	9	7	7.3	7.5	6	9	1.5	0.9	3.4	22
Aphelochaeta multifilis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1

Benthic Community Data

Cossura candida	Polychaeta	14	15	38	22.3	26.0	14	38	13.6	7.8	30.5	67	
Euchone limnicola	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Euclymeninae spp. indet.	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Gyptis plurisetis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leitoscoloplos pugettensis	Polychaeta	0	0	6	2.0	3.0	0	6	3.5	2.0	7.8	6	
Mediomastus californiensis	Polychaeta	0	13	19	10.7	9.5	0	19	9.7	5.6	21.9	32	
Monticellina dorsobranchialis	Polychaeta	2	1	3	2.0	2.0	1	3	1.0	0.6	2.3	6	
Monticellina sp. C	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
Nephtys cornuta	Polychaeta	0	0	9	3.0	4.5	0	9	5.2	3.0	11.7	9	
Nereis procera	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Notomastus tenuis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Paramage scutata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Podarkeopsis sp. A	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Prionospio lighti	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Sigambra tentaculata	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Streblosoma sp. B	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Sphaerosyllis californiensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Spiophanes missionensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	1	3	4	2.7	2.5	1	4	1.5	0.9	3.4	8	
Listriella goleta	Amphipoda	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
Euphilomedes carcharodonta	Ostracoda	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3	
Pinnixa franciscana	Decapoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Serolis carinata	Isopoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	3	0	10	4.3	5.0	0	10	5.1	3.0	11.5	13	
Sulcoretusa xystrum	Gastropoda	0	0	4	1.3	2.0	0	4	2.3	1.3	5.2	4	
Cylichna diegensis	Gastropoda	0	0	4	1.3	2.0	0	4	2.3	1.3	5.2	4	
Mysella tumida	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Thyasira flexosa	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Macoma sp.	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Aglajidae	Gastropoda	1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4	
	TOTAL INDIVIDUALS		32	48	130	70.0	81.0	32	130	52.6	30.4	118.3	210
	TOTAL SPECIES	34	11	11	30	17.3	20.5	11	30	11.0	6.3	24.7	52
	TOTAL CRUST. INDIV.		1	3	4	2.7	2.5	1	4	1.5	0.9	3.4	8
	TOTAL CRUST. SP.	4	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
	GAMMARID INDIV.		1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	GAMMARID SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.		0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5
	OTHER CRUSTACEAN SP.	3	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0

Benthic Community Data

TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		4	0	24	9.3	12.0	0	24	12.9	7.4	28.9	28
TOTAL MOLLUSC SP.	7	2	0	7	3.0	3.5	0	7	3.6	2.1	8.1	9
TOTAL POLYCHAETE INDIV.		26	42	98	55.3	62.0	26	98	37.8	21.8	85.1	166
TOTAL POLYCHAETE SP.	22	7	8	20	11.7	13.5	7	20	7.2	4.2	16.3	35

STANUM STATION IDORG DATE LEG
40013.1 INNER QUEENSWAY BAY 37 09/02/92 3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Capitella capitata	Polychaeta	3	1	2	2.0	2.0	1	3	1.0	0.6	2.3	6	
Euchone limnicola	Polychaeta	0	5	6	3.7	3.0	0	6	3.2	1.9	7.2	11	
Leitoscoloplos pugettensis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mediomastus californiensis	Polychaeta	34	20	29	27.7	27.0	20	34	7.1	4.1	16.0	83	
Nephtys caecoides	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Paraprionospio pinnata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Polydora comuta	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Prionospio lighti	Polychaeta	22	4	14	13.3	13.0	4	22	9.0	5.2	20.3	40	
Scolecopsis quinqueidentata	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
nemertea	Nemertea	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3	
Corophium ? acherusicum	Amphipoda	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
Mayerella banksia	Amphipoda	3	7	0	3.3	3.5	0	7	3.5	2.0	7.9	10	
Grandidierella japonica	Amphipoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Theora fragilis	Bivalvia	5	10	6	7.0	7.5	5	10	2.6	1.5	6.0	21	
Parvilucina tenuisculpta	Bivalvia	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Phoronid	Phoronida	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS		72	53	63	62.7	62.5	53	72	9.5	5.5	21.4	188
	TOTAL SPECIES	16	10	11	9	10.0	10.0	9	11	1.0	0.6	2.3	30
	TOTAL CRUST. INDIV.		4	8	2	4.7	5.0	2	8	3.1	1.8	6.9	14
	TOTAL CRUST. SP.	3	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
	GAMMARID INDIV.		4	8	2	4.7	5.0	2	8	3.1	1.8	6.9	14
	GAMMARID SP.	3	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
	OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.		6	11	6	7.7	8.5	6	11	2.9	1.7	6.5	23
	TOTAL MOLLUSC SP.	2	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5

Benthic Community Data

TOTAL POLYCHAETE INDIV.	60	33	54	49.0	46.5	33	60	14.2	8.2	31.9	147
TOTAL POLYCHAETE SP.	9	4	6	5.3	5.0	4	6	1.2	0.7	2.6	16

STANUM	STATION	IDORG	DATE	LEG
40013.2	INNER QUEENSWAY BAY	38	09/02/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Armandia brevis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Capitella capitata	Polychaeta	11	3	2	5.3	6.5	2	11	4.9	2.8	11.1	16
Cossura candida	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Dorvillea longicornis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euchone limnicola	Polychaeta	4	2	9	5.0	5.5	2	9	3.6	2.1	8.1	15
Mediomastus californiensis	Polychaeta	17	9	16	14.0	13.0	9	17	4.4	2.5	9.8	42
Monticellina dorsobranchialis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nereis procera	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Owenia collaris	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Polydora cornuta	Polychaeta	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Prionospio heterobranchia	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	18	9	8	11.7	13.0	8	18	5.5	3.2	12.4	35
Pseudopolydora paucibranchiata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Scolecopsis quinqueidentata	Polychaeta	2	3	4	3.0	3.0	2	4	1.0	0.6	2.3	9
Spiophanes missionensis	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
nemertea	Nemertea	1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
Corophium ? acherusicum	Amphipoda	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Mayerella banksia	Amphipoda	2	0	5	2.3	2.5	0	5	2.5	1.5	5.7	7
Rudilembooides stenopropodus	Amphipoda	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Tritella sp.	Amphipoda	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Photis sp.	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Oxyurostylis pacifica	Cumacea	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mysella sp. A	Bivalvia	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Theora fragilis	Bivalvia	4	7	17	9.3	10.5	4	17	6.8	3.9	15.3	28
Cooperella subdiaphana	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
flatworm	Platyhelminthes	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
TOTAL INDIVIDUALS		68	49	71	62.7	60.0	49	71	11.9	6.9	26.8	188
TOTAL SPECIES		27	16	17	15.3	15.0	13	17	2.1	1.2	4.7	46
TOTAL CRUST. INDIV.		4	5	10	6.3	7.0	4	10	3.2	1.9	7.2	19
TOTAL CRUST. SP.		6	2	3	3.0	3.0	2	4	1.0	0.6	2.3	9

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GAMMARID INDIV.		4	5	8	5.7	6.0	4	8	2.1	1.2	4.7	17
GAMMARID SP.	5	2	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8
OTHER CRUSTACEAN INDIV.		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
OTHER CRUSTACEAN SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		4	10	18	10.7	11.0	4	18	7.0	4.1	15.8	32
TOTAL MOLLUSC SP.	3	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
TOTAL POLYCHAETE INDIV.		58	33	40	43.7	45.5	33	58	12.9	7.4	29.0	131
TOTAL POLYCHAETE SP.	16	11	11	6	9.3	8.5	6	11	2.9	1.7	6.5	28

STANUM	STATION	IDORG	DATE	LEG
40013.3	INNER QUEENSWAY BAY	39	09/02/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Armandia brevis	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Capitella capitata	Polychaeta	5	9	1	5.0	5.0	1	9	4.0	2.3	9.0	15
Chaetozpne corona	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirriformia spirabranca	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Dorvillea longicornis	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Euchone limnicola	Polychaeta	4	3	1	2.7	2.5	1	4	1.5	0.9	3.4	8
Glycera convoluta	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	21	34	29	28.0	27.5	21	34	6.6	3.8	14.8	84
Monticellina sp. C	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Owenia collaris	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Paraprionospio pinnata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Polydora cornuta	Polychaeta	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Prionospio heterobranhia	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Prionospio lighti	Polychaeta	15	11	10	12.0	12.5	10	15	2.6	1.5	6.0	36
Prionospio spp. juv.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Scolelepis quinquedentata	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Spiophanes missionensis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Corophium ? acherusicum	Amphipoda	5	3	2	3.3	3.5	2	5	1.5	0.9	3.4	10
Theora fragilis	Bivalvia	7	10	1	6.0	5.5	1	10	4.6	2.6	10.3	18
Cooperella subdiphana	Bivalvia	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Mayrella banksia	Amphipoda	5	11	0	5.3	5.5	0	11	5.5	3.2	12.4	16

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Laevicardium substriatum	Bivalvia	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Leptostylis sp.	Cumacea	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
flatworm	Platyhelminthes	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	72	93	54	73.0	73.5	54	93	19.5	11.3	43.9	219
	TOTAL SPECIES	26	15	16	15.3	15.5	15	16	0.6	0.3	1.3	46
	TOTAL CRUST. INDIV.		12	14	9.3	8.0	2	14	6.4	3.7	14.5	28
	TOTAL CRUST. SP.	3	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6
	GAMMARID INDIV.		10	14	8.7	8.0	2	14	6.1	3.5	13.7	26
	GAMMARID SP.	2	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
	OTHER CRUSTACEAN INDIV.		2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	OTHER CRUSTACEAN SP.	1	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		8	13	7.7	7.5	2	13	5.5	3.2	12.4	23
	TOTAL MOLLUSC SP.	3	2	3	2.3	2.5	2	3	0.6	0.3	1.3	7
	TOTAL POLYCHAETE INDIV.		51	66	55.7	58.0	50	66	9.0	5.2	20.2	167
	TOTAL POLYCHAETE SP.	19	9	11	10.7	10.5	9	12	1.5	0.9	3.4	32

STANUM	STATION	IDORG	DATE	LEG
40014.1	OUTER QUEENSWAY BAY	40	09/02/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Apoprionospio pygmaea	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	8	13	5	8.7	9.0	5	13	4.0	2.3	9.1	26
Mediomastus californiensis	Polychaeta	0	3	2	1.7	1.5	0	3	1.5	0.9	3.4	5
Nephtys cornuta	Polychaeta	2	3	2	2.3	2.5	2	3	0.6	0.3	1.3	7
Paraprionospio pinnata	Polychaeta	6	5	13	8.0	9.0	5	13	4.4	2.5	9.8	24
Prionospio lighti	Polychaeta	0	0	5	1.7	2.5	0	5	2.9	1.7	6.5	5
Sigambra tentaculata	Polychaeta	0	2	6	2.7	3.0	0	6	3.1	1.8	6.9	8
Tenonia priops	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Amphideutopus oculatus	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Phoronid	Phoronida	7	1	0	2.7	3.5	0	7	3.8	2.2	8.5	8
	TOTAL INDIVIDUALS	24	28	35	29.0	29.5	24	35	5.6	3.2	12.5	87
	TOTAL SPECIES	10	5	7	6.7	6.5	5	8	1.5	0.9	3.4	20
	TOTAL CRUST. INDIV.		0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL CRUST. SP.	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.		0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID SP.	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

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OTHER CRUSTACEAN INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL POLYCHAETE INDIV.	17	27	34	26.0	25.5	17	34	8.5	4.9	19.2	78
TOTAL POLYCHAETE SP.	8	4	6	5.7	5.5	4	7	1.5	0.9	3.4	17

STANUM	STATION	IDORG	DATE	LEG
40014.2	OUTER QUEENSWAY BAY	41	09/02/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Cossura candida	Polychaeta	17	21	17	18.3	19.0	17	21	2.3	1.3	5.2	55
Mediomastus californiensis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaeta	7	0	1	2.7	3.5	0	7	3.8	2.2	8.5	8
Polydora spp. juv.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Sigambra tentaculata	Polychaeta	1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7
	TOTAL INDIVIDUALS	26	25	21	24.0	23.5	21	26	2.6	1.5	6.0	72
	TOTAL SPECIES	5	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
	TOTAL CRUST. INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL CRUST. SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL POLYCHAETE INDIV.	26	25	21	24.0	23.5	21	26	2.6	1.5	6.0	72
	TOTAL POLYCHAETE SP.	5	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10

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STANUM	STATION	IDORG	DATE	LEG
40014.3	OUTER QUEENSWAY BAY	42	09/02/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Apoprionospio pygmaea	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Chaetozone corona	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cossura candida	Polychaeta	14	12	25	17.0	18.5	12	25	7.0	4.0	15.8	51	
Mediomastus californiensis	Polychaeta	3	1	2	2.0	2.0	1	3	1.0	0.6	2.3	6	
Paraprionospio pinnata	Polychaeta	5	12	2	6.3	7.0	2	12	5.1	3.0	11.5	19	
Sigambra tentaculata	Polychaeta	3	0	2	1.7	1.5	0	3	1.5	0.9	3.4	5	
Spiochaetopterus costarum	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Phoronid	Phoronida	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	27	27	31	28.3	29.0	27	31	2.3	1.3	5.2	85	
	TOTAL SPECIES	8	6	5	4	5.0	5.0	4	6	1.0	0.6	2.3	15
	TOTAL CRUST. INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL CRUST. SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	GAMMARID INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	GAMMARID SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	OTHER CRUSTACEAN INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	OTHER CRUSTACEAN SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL POLYCHAETE INDIV.	27	26	31	28.0	28.5	26	31	2.6	1.5	6.0	84	
	TOTAL POLYCHAETE SP.	7	6	4	4	5.0	4	6	1.2	0.7	2.6	14	

STANUM	STATION	IDORG	DATE	LEG
40015.1	FISH HARBOR ENTRANCE	43	08/19/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Apoprionospio pygmaea	Polychaeta	3	3	6	4.0	4.5	3	6	1.7	1.0	3.9	12
Chaetozone corona	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Cossura candida	Polychaeta	18	13	32	21.0	22.5	13	32	9.8	5.7	22.2	63
Glycera americana	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Glycinde armigera	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

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<i>Levinsenia gracilis</i>	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Lumbrineridae</i> spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Mediomastus acutus</i>	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Mediomastus californiensis</i>	Polychaeta	35	22	22	26.3	28.5	22	35	7.5	4.3	16.9	79
<i>Monticellina dorsobranchialis</i>	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Monticellina</i> sp. C	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Nephtys caecoides</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Nephtys cornuta</i>	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Prionospio lighti</i>	Polychaeta	12	14	10	12.0	12.0	10	14	2.0	1.2	4.5	36
<i>Scoletoma erecta</i>	Polychaeta	3	2	2	2.3	2.5	2	3	0.6	0.3	1.3	7
<i>Spiophanes missionensis</i>	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
<i>Argissa hamatipes</i>	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Ampelisia cristata</i>	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Rudilemboides stenopropodus</i>	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Bathyleberis californica</i>	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Euphilomedes carcharodonta</i>	Ostracoda	0	0	5	1.7	2.5	0	5	2.9	1.7	6.5	5
<i>Leptostylis</i> sp.	Cumacea	4	4	6	4.7	5.0	4	6	1.2	0.7	2.6	14
<i>Oxyurostylis pacifica</i>	Cumacea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Theora fragilis</i>	Bivalvia	3	1	2	2.0	2.0	1	3	1.0	0.6	2.3	6
<i>Cooperella subdiaphana</i>	Bivalvia	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
<i>Mactra californica</i>	Bivalvia	2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
<i>Laevicardium substriatum</i>	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	89	72	96	85.7	84.0	72	96	12.3	7.1	27.8	257
	TOTAL SPECIES	28	16	18	17.0	17.0	16	18	1.0	0.6	2.3	51
	TOTAL CRUST. INDIV.	5	6	13	8.0	9.0	5	13	4.4	2.5	9.8	24
	TOTAL CRUST. SP.	7	2	3	3.0	3.0	2	4	1.0	0.6	2.3	9
	GAMMARID INDIV.	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	GAMMARID SP.	3	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN INDIV.	4	4	13	7.0	8.5	4	13	5.2	3.0	11.7	21
	OTHER CRUSTACEAN SP.	4	1	1	2.0	2.5	1	4	1.7	1.0	3.9	6
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.	8	4	6	6.0	6.0	4	8	2.0	1.2	4.5	18
	TOTAL MOLLUSC SP.	4	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
	TOTAL POLYCHAETE INDIV.	76	62	77	71.7	69.5	62	77	8.4	4.8	18.9	215
	TOTAL POLYCHAETE SP.	17	10	12	10.7	11.0	10	12	1.2	0.7	2.6	32

Benthic Community Data

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 40015.2 FISH HARBOR ENTRANCE 44 08/19/92 2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Apopriospio pygmaea	Polychaeta	10	3	1	4.7	5.5	1	10	4.7	2.7	10.6	14
Chaetozone corona	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	13	7	17	12.3	12.0	7	17	5.0	2.9	11.3	37
Eranno lagunae	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Levinsenia gracilis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Lumbrineridae spp. juv.	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus californiensis	Polychaeta	13	24	10	15.7	17.0	10	24	7.4	4.3	16.6	47
Monticellina dorsobranchialis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Nephtys caecoides	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Polydora cornuta	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio heterobranchia	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Scoletoma erecta	Polychaeta	5	3	2	3.3	3.5	2	5	1.5	0.9	3.4	10
Spiochaetopterus costarum	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Argissa hamatipes	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Ampelisca cristata	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Amphipoda	3	1	3	2.3	2.0	1	3	1.2	0.7	2.6	7
Rudilemboides stenopropodus	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Oxyurostylis pacifica	Cumacea	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Leptostylis sp.	Cumacea	2	5	4	3.7	3.5	2	5	1.5	0.9	3.4	11
Euphilomedes carcharodonta	Ostracoda	8	0	1	3.0	4.0	0	8	4.4	2.5	9.8	9
Pinnixa occidentalis	Decapoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cooperella subdiaphana	Bivalvia	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Theora fragilis	Bivalvia	2	3	1	2.0	2.0	1	3	1.0	0.6	2.3	6
Mactra californica	Bivalvia	12	7	1	6.7	6.5	1	12	5.5	3.2	12.4	20
Tagelus subteres	Bivalvia	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Aglajidae	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL INDIVIDUALS		77	69	52	66.0	64.5	52	77	12.8	7.4	28.7	198
TOTAL SPECIES		30	17	20	18.7	18.5	17	20	1.5	0.9	3.4	56
TOTAL CRUST. INDIV.		16	8	9	11.0	12.0	8	16	4.4	2.5	9.8	33
TOTAL CRUST. SP.		8	6	4	4.7	5.0	4	6	1.2	0.7	2.6	14

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GAMMARID INDIV.		6	1	3	3.3	3.5	1	6	2.5	1.5	5.7	10
GAMMARID SP.	4	4	1	1	2.0	2.5	1	4	1.7	1.0	3.9	6
OTHER CRUSTACEAN INDIV.		10	7	6	7.7	8.0	6	10	2.1	1.2	4.7	23
OTHER CRUSTACEAN SP.	4	2	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		16	12	7	11.7	11.5	7	16	4.5	2.6	10.1	35
TOTAL MOLLUSC SP.	5	3	4	5	4.0	4.0	3	5	1.0	0.6	2.3	12
TOTAL POLYCHAETE INDIV.		45	49	35	43.0	42.0	35	49	7.2	4.2	16.2	129
TOTAL POLYCHAETE SP.	16	8	12	9	9.7	10.0	8	12	2.1	1.2	4.7	29

STANUM	STATION	IDORG	DATE	LEG
40015.3	FISH HARBOR ENTRANCE	45	08/19/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Amphicteis scaphobranchiata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Apopriospio pygmaea	Polychaeta	2	3	2	2.3	2.5	2	3	0.6	0.3	1.3	7
Chaetozone corona	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	2	2	7	3.7	4.5	2	7	2.9	1.7	6.5	11
Glycera americana	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Malmgreniella macginitiei	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus acutus	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	24	21	13	19.3	18.5	13	24	5.7	3.3	12.8	58
Monticellina sp. C	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Notomastus tenuis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis glabra	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Pseudopolydora paucibranchiata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma erecta	Polychaeta	4	1	2	2.3	2.5	1	4	1.5	0.9	3.4	7
Spiophanes missionensis	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
nemertea	Nemertea	4	1	1	2.0	2.5	1	4	1.7	1.0	3.9	6
Argissa hamatipes	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Amphipoda	6	2	6	4.7	4.0	2	6	2.3	1.3	5.2	14
Rudilemboides stenopropodus	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Listriella goleta	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda	4	8	3	5.0	5.5	3	8	2.6	1.5	6.0	15
Microjassa litotes	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	3	0	2	1.7	1.5	0	3	1.5	0.9	3.4	5

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Cooperella subdiaphana	Bivalvia	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Mactra californica	Bivalvia	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
Tagelus subteres	Bivalvia	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Solen sp.	Bivalvia	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5	
Mysella tumida	Bivalvia	7	0	0	2.3	3.5	0	7	4.0	2.3	9.1	7	
Tapes philippinarum	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Olivella baetica	Gastropoda	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
Laevicardium substriatum	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Siliqua lucida	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Aglajidae	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	67	48	52	55.7	57.5	48	67	10.0	5.8	22.5	167	
	TOTAL SPECIES	33	20	16	19	18.3	18.0	16	20	2.1	1.2	4.7	55
	TOTAL CRUST. INDIV.		11	13	9	11.0	11.0	9	13	2.0	1.2	4.5	33
	TOTAL CRUST. SP.	6	3	5	2	3.3	3.5	2	5	1.5	0.9	3.4	10
	GAMMARID INDIV.		7	5	6	6.0	6.0	5	7	1.0	0.6	2.3	18
	GAMMARID SP.	5	2	4	1	2.3	2.5	1	4	1.5	0.9	3.4	7
	OTHER CRUSTACEAN INDIV.		4	8	3	5.0	5.5	3	8	2.6	1.5	6.0	15
	OTHER CRUSTACEAN SP.	1	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		17	2	12	10.3	9.5	2	17	7.6	4.4	17.2	31
	TOTAL MOLLUSC SP.	11	9	2	7	6.0	5.5	2	9	3.6	2.1	8.1	18
	TOTAL POLYCHAETE INDIV.		35	32	30	32.3	32.5	30	35	2.5	1.5	5.7	97
	TOTAL POLYCHAETE SP.	15	7	8	9	8.0	8.0	7	9	1.0	0.6	2.3	24

STANUM	STATION	IDORG	DATE	LEG
40016.1	TERMINAL ISLAND STP	46	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Aphelochaeta multifilis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Apoprionospio pygmaea	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Chaetozone corona	Polychaeta	1	2	3	2.0	2.0	1	3	1.0	0.6	2.3	6
Cossura candida	Polychaeta	26	25	27	26.0	26.0	25	27	1.0	0.6	2.3	78
Euclymeninae spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycinde armigera	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Levinsenia gracilis	Polychaeta	5	2	2	3.0	3.5	2	5	1.7	1.0	3.9	9
Mediomastus californiensis	Polychaeta	17	17	21	18.3	19.0	17	21	2.3	1.3	5.2	55

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Monticellina dorsobranchialis	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Monticellina sp. C	Polychaeta	12	5	0	5.7	6.0	0	12	6.0	3.5	13.6	17
Nephtys caecoides	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta	1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7
Prionospio lighti	Polychaeta	2	4	1	2.3	2.5	1	4	1.5	0.9	3.4	7
Scoletoma erecta	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Terebellides californica	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Bathyleberis californica	Ostracoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leptostylis sp.	Cumacea	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Oxyurostylis pacifica	Cumacea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Acuminodeutopus heteruropus	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Agrissa hamatipes	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Macoma yoldiformis	Bivalvia	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Theora fragilis	Bivalvia	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
Tellina modesta	Bivalvia	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Cooperella subdiaphana	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Laevicardium substriatum	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mactra californica	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphiodia sp.	Ophiuroidea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Anthozoa	Anthozoa	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cyclaspis sp.	Cumacea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	80	72	63	71.7	71.5	63	80	8.5	4.9	19.1	215
	TOTAL SPECIES	32	21	18	17.0	16.5	12	21	4.6	2.6	10.3	51
	TOTAL CRUST. INDIV.	4	3	2	3.0	3.0	2	4	1.0	0.6	2.3	9
	TOTAL CRUST. SP.	7	4	3	3.0	3.0	2	4	1.0	0.6	2.3	9
	GAMMARID INDIV.	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	GAMMARID SP.	2	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	OTHER CRUSTACEAN INDIV.	4	1	2	2.3	2.5	1	4	1.5	0.9	3.4	7
	OTHER CRUSTACEAN SP.	5	4	1	2.3	2.5	1	4	1.5	0.9	3.4	7
	TOTAL ECHINODERM INDIV.	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM SP.	1	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.	7	2	2	3.7	4.5	2	7	2.9	1.7	6.5	11
	TOTAL MOLLUSC SP.	6	5	1	2.7	3.0	1	5	2.1	1.2	4.7	8
	TOTAL POLYCHAETE INDIV.	68	65	59	64.0	63.5	59	68	4.6	2.6	10.3	192
	TOTAL POLYCHAETE SP.	16	11	12	10.3	10.0	8	12	2.1	1.2	4.7	31

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40016.2 TERMINAL ISLAND STP

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08/18/92 2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphicteis scaphobranchiata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Apopriospio pygmaea	Polychaeta	6	1	2	3.0	3.5	1	6	2.6	1.5	6.0	9
Chaetozone corona	Polychaeta	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Cossura candida	Polychaeta	35	17	18	23.3	26.0	17	35	10.1	5.8	22.8	70
Eranno lagunae	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Goniada littorea	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Levinsenia gracilis	Polychaeta	1	1	5	2.3	3.0	1	5	2.3	1.3	5.2	7
Mediomastus californiensis	Polychaeta	38	31	36	35.0	34.5	31	38	3.6	2.1	8.1	105
Monticellina dorsobranchialis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
Nephtys cornuta	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Pista alata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	155	1	4	53.3	78.0	1	155	88.1	50.8	198.1	160
nemertea	Nemertea	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Euphilomedes carcharodonta	Ostracoda	0	0	6	2.0	3.0	0	6	3.5	2.0	7.8	6
Bathyleberis californica	Ostracoda	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Leptostylis sp.	Cumacea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Ampelisca cristata	Amphipoda	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Tellina modesta	Bivalvia	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Cooperella subdiaphana	Bivalvia	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Mactra californica	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Odostomia sp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Macoma ?	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	244	60	86	130.0	152.0	60	244	99.6	57.5	224.1	390
	TOTAL SPECIES	25	12	12	13.3	14.0	12	16	2.3	1.3	5.2	40
	TOTAL CRUST. INDIV.		2	2	4.0	5.0	2	8	3.5	2.0	7.8	12
	TOTAL CRUST. SP.	5	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	GAMMARID SP.	2	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.		2	0	3.0	3.5	0	7	3.6	2.1	8.1	9
	OTHER CRUSTACEAN SP.	3	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0

Benthic Community Data

TOTAL MOLLUSC INDIV.	2	0	6	2.7	3.0	0	6	3.1	1.8	6.9	8	
TOTAL MOLLUSC SP.	5	2	0	4	2.0	2.0	0	4	2.0	1.2	4.5	6
TOTAL POLYCHAETE INDIV.	239	58	70	122.3	148.5	58	239	101.2	58.4	227.7	367	
TOTAL POLYCHAETE SP.	14	8	11	8	9.0	9.5	8	11	1.7	1.0	3.9	27

STANUM	STATION	IDORG	DATE	LEG
40016.3	TERMINAL ISLAND STP	48	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Acmira horidoshii	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Aphelochaeta monilaris	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Aphelochaeta multifilis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Chaetozone corona	Polychaeta	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4	
Cossura candida	Polychaeta	27	37	40	34.7	33.5	27	40	6.8	3.9	15.3	104	
Euclymeninae spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leitoscoloplos pugettensis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Levinsenia gracilis	Polychaeta	2	7	6	5.0	4.5	2	7	2.6	1.5	6.0	15	
Mediomastus californiensis	Polychaeta	9	22	7	12.7	14.5	7	22	8.1	4.7	18.3	38	
Monticellina dorsobranchialis	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Monticellina sp. C	Polychaeta	7	9	5	7.0	7.0	5	9	2.0	1.2	4.5	21	
Nephtys cornuta	Polychaeta	4	2	4	3.3	3.0	2	4	1.2	0.7	2.6	10	
Nereis procera	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Amaeana occidentalis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Prionospio lighti	Polychaeta	24	58	8	30.0	33.0	8	58	25.5	14.7	57.5	90	
Scoletoma erecta	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7	
Euphilomedes carcharodonta	Ostracoda	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
Bathyleberis californica	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Listriella goleta	Amphipoda	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
Theora fragilis	Bivalvia	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4	
Tellina modesta	Bivalvia	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Cooperella subdiaphana	Bivalvia	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
Macoma ?	Bivalvia	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
Mysella sp. A	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
TOTAL INDIVIDUALS		80	149	87	105.3	114.5	80	149	38.0	21.9	85.5	316	
TOTAL SPECIES		25	13	15	17	15.0	15.0	13	17	2.0	1.2	4.5	45
TOTAL CRUST. INDIV.		1	2	3	2.0	2.0	1	3	1.0	0.6	2.3	6	
TOTAL CRUST. SP.		3	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4

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GAMMARID INDIV.		1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
GAMMARID SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
OTHER CRUSTACEAN INDIV.		0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
OTHER CRUSTACEAN SP.	2	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		2	1	8	3.7	4.5	1	8	3.8	2.2	8.5	11
TOTAL MOLLUSC SP.	5	2	1	5	2.7	3.0	1	5	2.1	1.2	4.7	8
TOTAL POLYCHAETE INDIV.		76	143	73	97.3	108.0	73	143	39.6	22.8	89.0	292
TOTAL POLYCHAETE SP.	16	9	12	9	10.0	10.5	9	12	1.7	1.0	3.9	30

STANUM	STATION	IDORG	DATE	LEG
40017.1	LONG BEACH CHANNEL	49	09/02/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	2	2	3	2.3	2.5	2	3	0.6	0.3	1.3	7
Aphelochaeta monilaris	Polychaeta	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Aphelochaeta multifilis	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Chaetozona corona	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Chaetozona sp. 1	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	8	4	14	8.7	9.0	4	14	5.0	2.9	11.3	26
Dorvillea moniloceras	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euclymeninae spp. indet.	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Glycera americana	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Mediomastus californiensis	Polychaeta	9	10	8	9.0	9.0	8	10	1.0	0.6	2.3	27
Monticellina dorsobranchialis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta	3	3	1	2.3	2.0	1	3	1.2	0.7	2.6	7
Nephtys cornuta	Polychaeta	0	3	4	2.3	2.0	0	4	2.1	1.2	4.7	7
Nereis procera	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis sp. A	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Prionospio lighti	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Spiophanes missionensis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Euphilomedes carcharodonta	Ostracoda	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Agrissa hamatipes	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	31	31	41	34.3	36.0	31	41	5.8	3.3	13.0	103
	TOTAL SPECIES	21	12	12	12.3	12.5	12	13	0.6	0.3	1.3	37

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TOTAL CRUST. INDIV.		0	1	3	1.3	1.5	0	3	1.5	0.9	3.4	4
TOTAL CRUST. SP.	2	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
GAMMARID INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
GAMMARID SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
OTHER CRUSTACEAN INDIV.		0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
OTHER CRUSTACEAN SP.	1	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL POLYCHAETE INDIV.		31	28	38	32.3	33.0	28	38	5.1	3.0	11.5	97
TOTAL POLYCHAETE SP.	18	12	10	11	11.0	11.0	10	12	1.0	0.6	2.3	33

STANUM	STATION	IDORG	DATE	LEG
40017.2	LONG BEACH CHANNEL	50	09/02/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
Aphelochaeta monilaris	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta multifilis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	15	25	4	14.7	14.5	4	25	10.5	6.1	23.6	44
Eranno lagunae	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Euclymeninae spp. indet.	Polychaeta	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
Glycera americana	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Laonice cirrata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Malmgreniella macginitiei	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	0	6	3	3.0	3.0	0	6	3.0	1.7	6.8	9
Monticellina sp. C	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Nephtys cornuta	Polychaeta	1	7	0	2.7	3.5	0	7	3.8	2.2	8.5	8
Notomastus tenuis	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Paraprionospio pinnata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pista brevibranchiata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Scoletoma erecta	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Bathyleberis californica	Ostracoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Euphilomedes carcharodonta	Ostracoda	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3

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Listriella goleta	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Agrissa hamatipes	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Amphideutopus oculatus	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Parvilucina tenuisculpta	Bivalvia	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Amphiodia sp.	Ophiuroidea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	24	65	14	34.3	39.5	14	65	27.0	15.6	60.8	103	
	TOTAL SPECIES	26	8	22	6	12.0	14.0	6	22	8.7	5.0	19.6	36
	TOTAL CRUST. INDIV.		1	7	0	2.7	3.5	0	7	3.8	2.2	8.5	8
	TOTAL CRUST. SP.	5	1	5	0	2.0	2.5	0	5	2.6	1.5	6.0	6
	GAMMARID INDIV.		0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
	GAMMARID SP.	3	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
	OTHER CRUSTACEAN INDIV.		1	4	0	1.7	2.0	0	4	2.1	1.2	4.7	5
	OTHER CRUSTACEAN SP.	2	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	TOTAL MOLLUSC SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL POLYCHAETE INDIV.		23	54	14	30.3	34.0	14	54	21.0	12.1	47.2	91
	TOTAL POLYCHAETE SP.	18	7	14	6	9.0	10.0	6	14	4.4	2.5	9.8	27

STANUM	STATION	IDORG	DATE	LEG
40017.3	LONG BEACH CHANNEL	51	09/02/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	5	2	1	2.7	3.0	1	5	2.1	1.2	4.7	8
Aphelochaeta monilaris	Polychaeta	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Aphelochaeta multifilis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozona corona	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	13	10	12	11.7	11.5	10	13	1.5	0.9	3.4	35
Euclymeninae spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	2	4	2	2.7	3.0	2	4	1.2	0.7	2.6	8
Levinsenia gracilis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	10	8	5	7.7	7.5	5	10	2.5	1.5	5.7	23
Monticellina dorsobranchialis	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Monticellina sp. C	Polychaeta	2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
Nephtys caecoides	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta	14	3	8	8.3	8.5	3	14	5.5	3.2	12.4	25
Podarkeopsis sp. A	Polychaeta	0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4

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Prionospio lighti	Polychaeta	6	3	1	3.3	3.5	1	6	2.5	1.5	5.7	10
Prionospio sp. A	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
nemertea	Nemertea	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Euphilomedes carcharodonta	Ostracoda	5	1	1	2.3	3.0	1	5	2.3	1.3	5.2	7
Listriella goleta	Amphipoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Agrissa hamatipes	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Parvilucina tenuisculpta	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nuculana taphria	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Macoma yoldiformis	Bivalvia	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Nassarius perpinguis	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphiodia sp.	Ophiuroidea	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Cooperella subdiaphana	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Gasteropteron pacificum	Gastropoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Cylichna diegensis	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pandora punctata	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mya ?	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	70	48	43	53.7	56.5	43	70	14.4	8.3	32.3	161
	TOTAL SPECIES	33	19	21	19.3	19.5	18	21	1.5	0.9	3.4	58
	TOTAL CRUST. INDIV.	7	3	1	3.7	4.0	1	7	3.1	1.8	6.9	11
	TOTAL CRUST. SP.	4	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7
	GAMMARID INDIV.	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
	GAMMARID SP.	3	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
	OTHER CRUSTACEAN INDIV.	5	1	1	2.3	3.0	1	5	2.3	1.3	5.2	7
	OTHER CRUSTACEAN SP.	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
	TOTAL ECHINODERM INDIV.	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM SP.	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL MOLLUSC INDIV.	6	5	3	4.7	4.5	3	6	1.5	0.9	3.4	14
	TOTAL MOLLUSC SP.	11	5	5	4.3	4.0	3	5	1.2	0.7	2.6	13
	TOTAL POLYCHAETE INDIV.	56	37	39	44.0	46.5	37	56	10.4	6.0	23.5	132
	TOTAL POLYCHAETE SP.	16	10	11	11.7	12.0	10	14	2.1	1.2	4.7	35

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG								
40018.1	LONG BEACH OUTER HAR.-18	52	09/02/92	3								
SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta monilaris	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Aphelochaeta multifilis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	45	42	54	47.0	48.0	42	54	6.2	3.6	14.1	141
Euchone hancocki	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euclymeninae spp. indet	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Lumbrineridae spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Nephtys cornuta	Polychaeta	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
Paraprionospio pinnata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis sp. A	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	0	7	1	2.7	3.5	0	7	3.8	2.2	8.5	8
Sigambra tentaculata	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Streblosoma sp. B	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	2	0	3	1.7	1.5	0	3	1.5	0.9	3.4	5
Euphilomedes carcharodonta	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Amphiodia sp.	Ophiuroidea	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL INDIVIDUALS	52	59	70	60.3	61.0	52	70	9.1	5.2	20.4	181
	TOTAL SPECIES	19	7	10	10.0	10.0	7	13	3.0	1.7	6.8	30
	TOTAL CRUST. INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL CRUST. SP.	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM SP.	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL MOLLUSC INDIV.	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL MOLLUSC SP.	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL POLYCHAETE INDIV.	49	57	64	56.7	56.5	49	64	7.5	4.3	16.9	170
	TOTAL POLYCHAETE SP.	15	5	8	7.7	7.5	5	10	2.5	1.5	5.7	23

Benthic Community Data

STANUM STATION IDORG DATE LEG
 40018.2 LONG BEACH OUTER HAR.-18 53 09/02/92 3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Ampharete labrops	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Aphelochaeta monilaris	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Apopriospio pygmaea	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cossura candida	Polychaeta	30	64	52	48.7	47.0	30	64	17.2	10.0	38.8	146	
Leitoscoloplos pugettensis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mediomastus californiensis	Polychaeta	4	5	5	4.7	4.5	4	5	0.6	0.3	1.3	14	
Monticellina sp. C	Polychaeta	1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7	
Nephtys cornuta	Polychaeta	2	10	3	5.0	6.0	2	10	4.4	2.5	9.8	15	
Parapriospio pinnata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Prionospio lighti	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Terebellides californica	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	0	3	2	1.7	1.5	0	3	1.5	0.9	3.4	5	
Bathyleberis californica	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leptostylis sp.	Cumacea	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Corophium hetercerataum	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Macoma yoldiformis	Bivalvia	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Cooperella subdiaphana	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	40	93	68	67.0	66.5	40	93	26.5	15.3	59.7	201	
	TOTAL SPECIES	17	7	12	8	9.0	9.5	7	12	2.6	1.5	6.0	27
	TOTAL CRUST. INDIV.	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4	
	TOTAL CRUST. SP.	3	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	GAMMARID INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	GAMMARID SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
	OTHER CRUSTACEAN SP.	2	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3	
	TOTAL MOLLUSC SP.	2	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	TOTAL POLYCHAETE INDIV.	39	85	65	63.0	62.0	39	85	23.1	13.3	51.9	189	
	TOTAL POLYCHAETE SP.	11	6	7	6	6.3	6.5	6	7	0.6	0.3	1.3	19

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STANUM	STATION	IDORG	DATE	LEG
40018.3	LONG BEACH OUTER HAR.-18	54	09/02/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Acmira catherinae	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Amphicteis scaphobranchiata	Polychaeta	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3	
Cossura candida	Polychaeta	69	91	67	75.7	79.0	67	91	13.3	7.7	30.0	227	
Leitoscoloplos pugettensis	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Mediomastus californiensis	Polychaeta	4	4	8	5.3	6.0	4	8	2.3	1.3	5.2	16	
Nephtys cornuta	Polychaeta	1	7	3	3.7	4.0	1	7	3.1	1.8	6.9	11	
Nereis procera	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Podarkeopsis sp. A	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Prionospio lighti	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
Agrissa hamatipes	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leptostylis sp.	Cumacea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Parvilucina tenuisculpta	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nuculana taphria	Bivalvia	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5	
Theora fragilis	Bivalvia	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3	
Odostomia sp.	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Aglajidae	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	87	109	84	93.3	96.5	84	109	13.7	7.9	30.7	280	
	TOTAL SPECIES	17	12	9	8	9.7	10.0	8	12	2.1	1.2	4.7	29
	TOTAL CRUST. INDIV.	2	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	TOTAL CRUST. SP.	2	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	GAMMARID INDIV.	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	GAMMARID SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	4	3	4	3.7	3.5	3	4	0.6	0.3	1.3	11	
	TOTAL MOLLUSC SP.	5	3	3	3.0	3.0	3	3	0.0	0.0	0.0	9	
	TOTAL POLYCHAETE INDIV.	79	105	80	88.0	92.0	79	105	14.7	8.5	33.1	264	
	TOTAL POLYCHAETE SP.	9	6	5	5	5.3	5.5	5	6	0.6	0.3	1.3	16

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STANUM	STATION	IDORG	DATE	LEG
40019.1	INNER FISH HARBOR	55	08/19/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Capitella capitata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Monticellina sp. C	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leucon subnasica	Cumacea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
	TOTAL SPECIES	3	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL CRUST. INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL CRUST. SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	GAMMARID SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	OTHER CRUSTACEAN INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	OTHER CRUSTACEAN SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL POLYCHAETE INDIV.	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
	TOTAL POLYCHAETE SP.	2	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2

STANUM	STATION	IDORG	DATE	LEG
40019.2	INNER FISH HARBOR	56	08/19/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Capitella capitata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Cossura candida	Polychaeta	15	25	24	21.3	20.0	15	25	5.5	3.2	12.4	64
Dorvillea longicornis	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Eumida spp. juv.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	8	9	11	9.3	9.5	8	11	1.5	0.9	3.4	28
Monticellina sp. C	Polychaeta	6	3	3	4.0	4.5	3	6	1.7	1.0	3.9	12
Podarkeopsis spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Polydora cornuta	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Streblosoma sp. B	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
nematoda	Nematoda	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2

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oligochaeta	Oligochaeta	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
Theora fragilis	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Tapes philippinarum	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Phoronid	Phoronida	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
	TOTAL INDIVIDUALS	38	42	43	41.0	40.5	38	43	2.6	1.5	6.0	123	
	TOTAL SPECIES	15	10	7	8	8.3	8.5	7	10	1.5	0.9	3.4	25
	TOTAL CRUST. INDIV.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL CRUST. SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	GAMMARID INDIV.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	OTHER CRUSTACEAN INDIV.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL ECHINODERM INDIV.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
	TOTAL MOLLUSC SP.	2	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL POLYCHAETE INDIV.	34	38	42	38.0	38.0	34	42	4.0	2.3	9.0	114	
	TOTAL POLYCHAETE SP.	10	7	4	7	6.0	5.5	4	7	1.7	1.0	3.9	18

STANUM	STATION	IDORG	DATE	LEG
40019.3	INNER FISH HARBOR	57	08/19/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Capitella capitata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cossura candida	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Dorvillea longicornis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Polydora cornuta	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Prionospio lighti	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
nematoda	Nematoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	1	4	2	2.3	2.5	1	4	1.5	0.9	3.4	7	
	TOTAL SPECIES	6	1	4	2	2.3	2.5	1	4	1.5	0.9	3.4	7
	TOTAL CRUST. INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL CRUST. SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	GAMMARID INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	GAMMARID SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	OTHER CRUSTACEAN INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	OTHER CRUSTACEAN SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	

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TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL POLYCHAETE INDIV.		1	4	1	2.0	2.5	1	4	1.7	1.0	3.9	6
TOTAL POLYCHAETE SP.	5	1	4	1	2.0	2.5	1	4	1.7	1.0	3.9	6

STANUM	STATION	IDORG	DATE	LEG
40019.4	INNER FISH HARBOR	110	08/19/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Capitella capitata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Dorvillea longicornis	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus californiensis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Polydora cornuta	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
nematoda	Nematoda	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
oligochaeta	Oligochaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	3	0	7	3.3	3.5	0	7	3.5	2.0	7.9	10
	TOTAL SPECIES	6	2	5	2.3	2.5	0	5	2.5	1.5	5.7	7
	TOTAL CRUST. INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL CRUST. SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL POLYCHAETE INDIV.	1	0	5	2.0	2.5	0	5	2.6	1.5	6.0	6
	TOTAL POLYCHAETE SP.	4	1	3	1.3	1.5	0	3	1.5	0.9	3.4	4

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40020.1	LONG BEACH/OUTER HAR.-20	58	09/02/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	2	7	5	4.7	4.5	2	7	2.5	1.5	5.7	14
Amphicteis scaphobranchiata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Apopriospio pygmaea	Polychaeta	1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7
Cossura candida	Polychaeta	29	38	34	33.7	33.5	29	38	4.5	2.6	10.1	101
Euclymeninae spp. indet.	Polychaeta	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Glycinde armigera	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Goniada brunnea	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Levinsenia gracilis	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus californiensis	Polychaeta	35	43	41	39.7	39.0	35	43	4.2	2.4	9.4	119
Monticellina dorsobranchialis	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Monticellina sp. C	Polychaeta	0	1	3	1.3	1.5	0	3	1.5	0.9	3.4	4
Nephtys caecoides	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta	5	9	7	7.0	7.0	5	9	2.0	1.2	4.5	21
Nereididae spp. juv.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Notomastus tenuis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Notomastus sp. juv.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Parapriospio pinnata	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Pherusa neopapillata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	3	11	0	4.7	5.5	0	11	5.7	3.3	12.8	14
Scoletoma tetraura	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Sigambra tentaculata	Polychaeta	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Tenonia priops	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Terebellides sp. juv.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Amphideutopus oculatus	Amphipoda	6	4	4	4.7	5.0	4	6	1.2	0.7	2.6	14
Ampelisca cristata	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda	0	3	6	3.0	3.0	0	6	3.0	1.7	6.8	9
Listriella goleta	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL INDIVIDUALS		89	131	117	112.3	110.0	89	131	21.4	12.3	48.1	337
TOTAL SPECIES		29	13	20	17.0	16.5	13	20	3.6	2.1	8.1	51
TOTAL CRUST. INDIV.		7	8	10	8.3	8.5	7	10	1.5	0.9	3.4	25
TOTAL CRUST. SP.		4	2	2	2.3	2.5	2	3	0.6	0.3	1.3	7
GAMMARID INDIV.		7	5	4	5.3	5.5	4	7	1.5	0.9	3.4	16

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GAMMARID SP.	3	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
OTHER CRUSTACEAN INDIV.		0	3	6	3.0	3.0	0	6	3.0	1.7	6.8	9
OTHER CRUSTACEAN SP.	1	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL POLYCHAETE INDIV.		82	123	105	103.3	102.5	82	123	20.6	11.9	46.2	310
TOTAL POLYCHAETE SP.	24	11	17	15	14.3	14.0	11	17	3.1	1.8	6.9	43

STANUM	STATION	IDORG	DATE	LEG
40020.2	LONG BEACH OUTER HAR.-20	59	09/02/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
<i>Acmira catherinae</i>	Polychaeta	4	3	3	3.3	3.5	3	4	0.6	0.3	1.3	10
<i>Amaeana occidentalis</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Amphicteis scaphobranchiata</i>	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
<i>Aphelochaeta monilaris</i>	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Apoprionospio pygmaea</i>	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Cossura candida</i>	Polychaeta	39	71	31	47.0	51.0	31	71	21.2	12.2	47.6	141
<i>Euclymeninae spp. indet.</i>	Polychaeta	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
<i>Glycinde polygnatha</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Laonice cirrata</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Leitoscoloplos pugettensis</i>	Polychaeta	3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5
<i>Malmgreniella spp. juv.</i>	Polychaeta	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
<i>Mediomastus californiensis</i>	Polychaeta	44	66	33	47.7	49.5	33	66	16.8	9.7	37.8	143
<i>Monticellina dorsobranchialis</i>	Polychaeta	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
<i>Monticellina sp. C</i>	Polychaeta	2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
<i>Nephtys cornuta</i>	Polychaeta	12	16	1	9.7	8.5	1	16	7.8	4.5	17.5	29
<i>Nereis procera</i>	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Pista disjuncta</i>	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Podakeopsis sp. A</i>	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
<i>Prionospio lighti</i>	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
<i>Scoletoma erecta</i>	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>nemertea</i>	Nemertea	3	7	6	5.3	5.0	3	7	2.1	1.2	4.7	16
<i>Rudilemboides stenopropodus</i>	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Amphideutopus oculatus</i>	Amphipoda	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
<i>Euphilomedes carcharodonta</i>	Ostracoda	11	14	10	11.7	12.0	10	14	2.1	1.2	4.7	35

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Listriella goleta	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Argissa hamatipes	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Campylaspis sp.	Cumacea	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Odostomia sp.	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nuculana taphria	Bivalvia	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Macoma yoldiformis	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tellina modesta	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mysella sp. A	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphiodia sp.	Ophiuroidea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Oxyurostylis sp.	Cumacea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	131	199	97	142.3	148.0	97	199	51.9	30.0	116.9	427
	TOTAL SPECIES	35	18	21	18.3	18.5	16	21	2.5	1.5	5.7	55
	TOTAL CRUST. INDIV.		12	17	14.7	14.5	12	17	2.5	1.5	5.7	44
	TOTAL CRUST. SP.	7	2	4	3.3	3.0	2	4	1.2	0.7	2.6	10
	GAMMARID INDIV.		0	3	2.0	1.5	0	3	1.7	1.0	3.9	6
	GAMMARID SP.	4	0	3	1.7	1.5	0	3	1.5	0.9	3.4	5
	OTHER CRUSTACEAN INDIV.		12	14	12.7	13.0	12	14	1.2	0.7	2.6	38
	OTHER CRUSTACEAN SP.	3	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
	TOTAL ECHINODERM INDIV.		0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM SP.	1	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.		4	2	2.3	2.5	1	4	1.5	0.9	3.4	7
	TOTAL MOLLUSC SP.	6	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6
	TOTAL POLYCHAETE INDIV.		112	172	119.7	123.5	75	172	49.0	28.3	110.1	359
	TOTAL POLYCHAETE SP.	20	12	13	11.7	11.5	10	13	1.5	0.9	3.4	35

STANUM	STATION	IDORG	DATE	LEG
40020.3	LONG BEACH OUTER HAR.-20	60	09/02/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5
Apoprionospio pygmaea	Polychaeta	3	0	3	2.0	1.5	0	3	1.7	1.0	3.9	6
Chaetozone corona	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	33	52	36	40.3	42.5	33	52	10.2	5.9	23.0	121
Euclymeninae spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Lumbrineris californiensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	34	35	31	33.3	33.0	31	35	2.1	1.2	4.7	100

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Monticellina dorsobranchialis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta	0	1	3	1.3	1.5	0	3	1.5	0.9	3.4	4
Nephtys cornuta	Polychaeta	7	7	12	8.7	9.5	7	12	2.9	1.7	6.5	26
Nereis procer	Polychaeta	1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Notomastus magnus	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Notomastus tenuis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Poecilochaetus sp. A	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	1	14	2	5.7	7.5	1	14	7.2	4.2	16.3	17
Scoletoma erecta	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Sigambra tentaculata	Polychaeta	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
nemertea	Nemertea	4	1	5	3.3	3.0	1	5	2.1	1.2	4.7	10
Amphideutopus oculatus	Amphipoda	2	4	3	3.0	3.0	2	4	1.0	0.6	2.3	9
Ampelisca cristata	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda	3	8	4	5.0	5.5	3	8	2.6	1.5	6.0	15
Leptostylis sp.	Cumacea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Olivella baetica	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Turbonilla sp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	100	130	107	112.3	115.0	100	130	15.7	9.1	35.3	337
	TOTAL SPECIES	27	16	13	15.3	15.0	13	17	2.1	1.2	4.7	46
	TOTAL CRUST. INDIV.	7	12	7	8.7	9.5	7	12	2.9	1.7	6.5	26
	TOTAL CRUST. SP.	4	4	2	2.7	3.0	2	4	1.2	0.7	2.6	8
	GAMMARID INDIV.	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
	GAMMARID SP.	2	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	OTHER CRUSTACEAN INDIV.	4	8	4	5.3	6.0	4	8	2.3	1.3	5.2	16
	OTHER CRUSTACEAN SP.	2	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
	TOTAL MOLLUSC SP.	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
	TOTAL POLYCHAETE INDIV.	89	117	92	99.3	103.0	89	117	15.4	8.9	34.6	298
	TOTAL POLYCHAETE SP.	19	11	10	10.7	10.5	10	11	0.6	0.3	1.3	32

Benthic Community Data

STANUM 40021.1 STATION ALAMITOS BAY, MARINE STAD IDORG 61 DATE 09/16/92 LEG 4

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Aphelochaeta multifilis	Polychaeta	10	3	9	7.3	6.5	3	10	3.8	2.2	8.5	22	
Cirratulidae spp. indet.	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Cossura candida	Polychaeta	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
Eranno lagunae	Polychaeta	1	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6	
Euchone limnicola	Polychaeta	0	3	5	2.7	2.5	0	5	2.5	1.5	5.7	8	
Euclymeninae spp. indet.	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
Exogone lourei	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Fabricinuda limnicola	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leitoscoloplos pugettensis	Polychaeta	4	4	5	4.3	4.5	4	5	0.6	0.3	1.3	13	
Mediomastus californiensis	Polychaeta	7	2	9	6.0	5.5	2	9	3.6	2.1	8.1	18	
Megalomma pigmentum	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Microspio pigmentata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nereis procera	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Pista alata	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
Prionospio heterobranchia	Polychaeta	0	3	6	3.0	3.0	0	6	3.0	1.7	6.8	9	
Prionospio lighti	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Pseudopolydora paucibranchiata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Scoletoma erecta	Polychaeta	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5	
Sphaerosyllis californiensis	Polychaeta	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4	
nematoda	Nematoda	0	3	1	1.3	1.5	0	3	1.5	0.9	3.4	4	
nemertea	Nemertea	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
oligochaeta	Oligochaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Bathyleberis californica	Ostracoda	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4	
Rudilemboides stenopropodus	Amphipoda	1	1	6	2.7	3.5	1	6	2.9	1.7	6.5	8	
Sinelobus sanfordi	Tanaidacea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Paranthura elegans	Isopoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Photis sp.	Amphipoda	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3	
Haminoea vesicula	Gastropoda	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Tagelus subteres	Bivalvia	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3	
Gasteropteron pacificum	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Edwardsia sp.	Anthozoa	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Molpadia		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
TOTAL INDIVIDUALS		37	36	63	45.3	49.5	36	63	15.3	8.8	34.4	136	
TOTAL SPECIES		32	16	18	21	18.3	18.5	16	21	2.5	1.5	5.7	55

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TOTAL CRUST. INDIV.		6	2	9	5.7	5.5	2	9	3.5	2.0	7.9	17
TOTAL CRUST. SP.	5	4	2	2	2.7	3.0	2	4	1.2	0.7	2.6	8
GAMMARID INDIV.		1	1	9	3.7	5.0	1	9	4.6	2.7	10.4	11
GAMMARID SP.	2	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
OTHER CRUSTACEAN INDIV.		5	1	0	2.0	2.5	0	5	2.6	1.5	6.0	6
OTHER CRUSTACEAN SP.	3	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		0	2	4	2.0	2.0	0	4	2.0	1.2	4.5	6
TOTAL MOLLUSC SP.	3	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
TOTAL POLYCHAETE INDIV.		29	28	45	34.0	36.5	28	45	9.5	5.5	21.5	102
TOTAL POLYCHAETE SP.	19	10	13	13	12.0	11.5	10	13	1.7	1.0	3.9	36

STANUM	STATION	IDORG	DATE	LEG
40021.2	ALAMITOS BAY, MARINE STAD	62	09/16/92	4

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta multifilis	Polychaeta	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Cirratulidae spp. indet.	Polychaeta	1	0	4	1.7	2.0	0	4	2.1	1.2	4.7	5
Cirratulus cirratus	Polychaeta	5	3	3	3.7	4.0	3	5	1.2	0.7	2.6	11
Cossura candida	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Dorvillea longicornis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Eranno lagunae	Polychaeta	4	3	4	3.7	3.5	3	4	0.6	0.3	1.3	11
Euchone limnicola	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Exogone lourei	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	4	6	5	5.0	5.0	4	6	1.0	0.6	2.3	15
Mediomastus californiensis	Polychaeta	15	25	16	18.7	20.0	15	25	5.5	3.2	12.4	56
Monticellina sp. C	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Pherusa capulata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio heterobranchia	Polychaeta	2	6	3	3.7	4.0	2	6	2.1	1.2	4.7	11
Scoletoma erecta	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Sphaerosyllis californiensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Spiochaetopterus costarum	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Spiophanes missionensis	Polychaeta	0	1	3	1.3	1.5	0	3	1.5	0.9	3.4	4
nematoda	Nematoda	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
nemertea	Nemertea	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
oligochaeta	Oligochaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1

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Bathyleberis californica	Ostracoda	3	2	5	3.3	3.5	2	5	1.5	0.9	3.4	10
Rudilemboides stenopropodus	Amphipoda	9	19	13	13.7	14.0	9	19	5.0	2.9	11.3	41
Paranthura elegans	Isopoda	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Monoculodes hartmanae	Amphipoda	2	1	3	2.0	2.0	1	3	1.0	0.6	2.3	6
Mayerella banksia	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Podocerus brasiliensis	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Tapes philippinarum	Bivalvia	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Theora fragilis	Bivalvia	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Cooperella subdiaphana	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Kellia sp.	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Musculista senhousei	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Molpadia		3	2	4	3.0	3.0	2	4	1.0	0.6	2.3	9
Phoronid	Phoronida	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Edwardsia sp.	Anthozoa	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL INDIVIDUALS	61	82	79	74.0	71.5	61	82	11.4	6.6	25.6	222
	TOTAL SPECIES	35	20	23	23.0	23.0	20	26	3.0	1.7	6.8	69
	TOTAL CRUST. INDIV.		16	23	21.3	20.5	16	25	4.7	2.7	10.6	64
	TOTAL CRUST. SP.	7	4	4	5.0	5.5	4	7	1.7	1.0	3.9	15
	GAMMARID INDIV.		11	20	16.7	15.5	11	20	4.9	2.8	11.1	50
	GAMMARID SP.	5	2	2	3.0	3.5	2	5	1.7	1.0	3.9	9
	OTHER CRUSTACEAN INDIV.		5	3	4.7	4.5	3	6	1.5	0.9	3.4	14
	OTHER CRUSTACEAN SP.	2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
	TOTAL ECHINODERM INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		4	3	3.0	3.0	2	4	1.0	0.6	2.3	9
	TOTAL MOLLUSC SP.	5	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8
	TOTAL POLYCHAETE INDIV.		35	50	43.3	42.5	35	50	7.6	4.4	17.2	130
	TOTAL POLYCHAETE SP.	17	9	12	11.7	11.5	9	14	2.5	1.5	5.7	35

STANUM	STATION	IDORG	DATE	LEG
40021.3	ALAMITOS BAY, MARINE STAD	63	09/16/92	4

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Amaeana occidentalis	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Amphicteis scaphobranchiata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta multifilis	Polychaeta	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
Aphelochaeta monilaris	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirratulidae spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

Benthic Community Data

Cossura candida	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Eranno lagunae	Polychaeta	7	4	6	5.7	5.5	4	7	1.5	0.9	3.4	17
Euchone limnicola	Polychaeta	2	1	6	3.0	3.5	1	6	2.6	1.5	6.0	9
Exogone lourei	Polychaeta	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
Leitoscoloplos pugettensis	Polychaeta	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Macrochaeta spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	27	33	32	30.7	30.0	27	33	3.2	1.9	7.2	92
Pista alata	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Polydora cornuta	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio heterobranchia	Polychaeta	2	4	1	2.3	2.5	1	4	1.5	0.9	3.4	7
Prionospio lighti	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Pseudopolydora paucibranchiata	Polychaeta	2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
Sphaerosyllis californiensis	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Spionidae spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Spiophanes missionensis	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
nemertea	Nemertea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
oligochaeta	Oligochaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculus	Amphipoda	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Bathyleberis californica	Ostracoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Amphipoda	4	4	6	4.7	5.0	4	6	1.2	0.7	2.6	14
Paranthura elegans	Isopoda	1	7	1	3.0	4.0	1	7	3.5	2.0	7.8	9
Grandidierella japonica	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Haminoea vesicula	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tapes philippinarum	Bivalvia	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Tagelus subteres	Bivalvia	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Theora fragilis	Bivalvia	3	2	1	2.0	2.0	1	3	1.0	0.6	2.3	6
Laevicardium substriatum	Bivalvia	0	5	1	2.0	2.5	0	5	2.6	1.5	6.0	6
Chione californiensis	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cooperella subdiaphana	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Kellia sp.	Bivalvia	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Bivalve	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Molpadia	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Edwardsia sp.	Anthozoa	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	TOTAL INDIVIDUALS	70	77	71	72.7	73.5	70	77	3.8	2.2	8.5	218
	TOTAL SPECIES	38	25	24	23.0	22.5	20	25	2.6	1.5	6.0	69
	TOTAL CRUST. INDIV.	8	12	8	9.3	10.0	8	12	2.3	1.3	5.2	28
	TOTAL CRUST. SP.	5	5	3	3.7	4.0	3	5	1.2	0.7	2.6	11
	GAMMARID INDIV.	6	5	7	6.0	6.0	5	7	1.0	0.6	2.3	18
	GAMMARID SP.	3	3	2	2.3	2.5	2	3	0.6	0.3	1.3	7

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OTHER CRUSTACEAN INDIV.		2	7	1	3.3	4.0	1	7	3.2	1.9	7.2	10
OTHER CRUSTACEAN SP.	2	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		11	10	4	8.3	7.5	4	11	3.8	2.2	8.5	25
TOTAL MOLLUSC SP.	9	6	5	4	5.0	5.0	4	6	1.0	0.6	2.3	15
TOTAL POLYCHAETE INDIV.		49	53	58	53.3	53.5	49	58	4.5	2.6	10.1	160
TOTAL POLYCHAETE SP.	20	13	14	12	13.0	13.0	12	14	1.0	0.6	2.3	39

STANUM	STATION	IDORG	DATE	LEG
40022.1	ALAMITOS BAY, ENTRANCE	64	09/15/92	4

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Amaeana occidentalis	Polychaeta	3	1	2	2.0	2.0	1	3	1.0	0.6	2.3	6
Eranno lagunae	Polychaeta	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Euchone limnicola	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euclymeninae spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Eumida longicornuta	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Goniada littorea	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Leitoscoloplos pugettensis	Polychaeta	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Malmgreniella macginitiei	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	19	23	23	21.7	21.0	19	23	2.3	1.3	5.2	65
Megalomma pigmentum	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Polyopthalmus pictus	Polychaeta	0	0	4	1.3	2.0	0	4	2.3	1.3	5.2	4
Prionospio heterobranchia	Polychaeta	0	2	5	2.3	2.5	0	5	2.5	1.5	5.7	7
Scolecopsis quinquedentata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma erecta	Polychaeta	6	4	7	5.7	5.5	4	7	1.5	0.9	3.4	17
Scoletoma tetraura	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Sphaerosyllis californiensis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Spiophanes bombyx	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nematoda	Nematoda	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
nemertea	Nemertea	5	1	4	3.3	3.0	1	5	2.1	1.2	4.7	10
Rudilemboides stenopropodus	Amphipoda	5	15	46	22.0	25.5	5	46	21.4	12.3	48.1	66
Amphideutopus oculatus	Amphipoda	1	3	9	4.3	5.0	1	9	4.2	2.4	9.4	13
Mayerella banksia	Amphipoda	2	4	5	3.7	3.5	2	5	1.5	0.9	3.4	11
Gnathia crenulatifrons	Isopoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1

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Cooperella subdiaphana	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Laevicardium substriatum	Bivalvia	1	5	10	5.3	5.5	1	10	4.5	2.6	10.1	16
Mysella sp. A	Bivalvia	8	1	17	8.7	9.0	1	17	8.0	4.6	18.0	26
Cylichna diegensis	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mytilus sp.	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Tagelus subteres	Bivalvia	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
Cylichnella spp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mactra californica	Bivalvia	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Sipunculid	Sipunculida	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	60	73	146	93.0	103.0	60	146	46.4	26.8	104.3	279
	TOTAL SPECIES	34	17	22	20.3	19.5	17	22	2.9	1.7	6.5	61
	TOTAL CRUST. INDIV.	8	23	60	30.3	34.0	8	60	26.8	15.5	60.2	91
	TOTAL CRUST. SP.	4	3	4	3.3	3.5	3	4	0.6	0.3	1.3	10
	GAMMARID INDIV.	8	22	60	30.0	34.0	8	60	26.9	15.5	60.5	90
	GAMMARID SP.	3	3	3	3.0	3.0	3	3	0.0	0.0	0.0	9
	OTHER CRUSTACEAN INDIV.	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.	10	9	34	17.7	21.5	9	34	14.2	8.2	31.8	53
	TOTAL MOLLUSC SP.	8	3	4	4.7	5.0	3	7	2.1	1.2	4.7	14
	TOTAL POLYCHAETE INDIV.	37	38	47	40.7	42.0	37	47	5.5	3.2	12.4	122
	TOTAL POLYCHAETE SP.	19	10	11	10.3	10.5	10	11	0.6	0.3	1.3	31

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40022.2 ALAMITOS BAY, ENTRANCE 65 09/15/92 4

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Amaeana occidentalis	Polychaeta	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Apoprionospio pygmaea	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	4	4	6	4.7	5.0	4	6	1.2	0.7	2.6	14
Eranno lagunae	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euchone limnicola	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Exogone lourei	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
Lumbrineridae spp. juv.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	16	14	29	19.7	21.5	14	29	8.1	4.7	18.3	59

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Monticellina dorsobranchialis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Monticellina sp. C	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Podarkeopsis glabra	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Polyophthalmus pictus	Polychaeta	2	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8	
Prionospio heterobranchia	Polychaeta	6	8	1	5.0	4.5	1	8	3.6	2.1	8.1	15	
Prionospio lighti	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Scolecopsis quinquentata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Scoletoma erecta	Polychaeta	3	0	1	1.3	1.5	0	3	1.5	0.9	3.4	4	
Scoletoma tetraura	Polychaeta	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
Sphaerosyllis californiensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Spiophanes bombyx	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Spiophanes missionensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
nematoda	Nematoda	0	3	1	1.3	1.5	0	3	1.5	0.9	3.4	4	
nemertea	Nemertea	8	2	2	4.0	5.0	2	8	3.5	2.0	7.8	12	
Rudilemboides stenopropodus	Amphipoda	15	22	2	13.0	12.0	2	22	10.1	5.9	22.8	39	
Amphideutopus oculus	Amphipoda	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4	
Grandidierella japonica	Amphipoda	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
Mayerella banksia	Amphipoda	1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4	
Alpheus bellimanus	Decapoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leptochelia dubia	Tanaidacea	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Tagelus subteres	Bivalvia	2	4	0	2.0	2.0	0	4	2.0	1.2	4.5	6	
Mactra californica	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Laevicardium substriatum	Bivalvia	5	0	1	2.0	2.5	0	5	2.6	1.5	6.0	6	
Mysella sp. A	Bivalvia	5	2	0	2.3	2.5	0	5	2.5	1.5	5.7	7	
Cylichnella sp.	Gastropoda	5	5	0	3.3	2.5	0	5	2.9	1.7	6.5	10	
Cylichna diegensis	Gastropoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Tellina carpenteri	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Amphiodia sp.	Ophiuroidea	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3	
Theora fragilis	Bivalvia	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
Leptosynapta sp.	Holothuroidea	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2	
Sipunculid	Sipunculida	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS		81	90	64	78.3	77.0	64	90	13.2	7.6	29.7	235
	TOTAL SPECIES	41	19	27	24	23.3	23.0	19	27	4.0	2.3	9.1	70
	TOTAL CRUST. INDIV.		18	30	5	17.7	17.5	5	30	12.5	7.2	28.1	53
	TOTAL CRUST. SP.	6	3	5	4	4.0	4.0	3	5	1.0	0.6	2.3	12
	GAMMARID INDIV.		18	28	4	16.7	16.0	4	28	12.1	7.0	27.1	50
	GAMMARID SP.	4	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
	OTHER CRUSTACEAN INDIV.		0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN SP.	2	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2

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TOTAL ECHINODERM INDIV.	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
TOTAL ECHINODERM SP.	2	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL MOLLUSC INDIV.	19	14	3	12.0	11.0	3	19	8.2	4.7	18.4	36
TOTAL MOLLUSC SP.	8	6	3	4.7	4.5	3	6	1.5	0.9	3.4	14
TOTAL POLYCHAETE INDIV.	35	40	49	41.3	42.0	35	49	7.1	4.1	16.0	124
TOTAL POLYCHAETE SP.	22	8	12	11.3	11.0	8	14	3.1	1.8	6.9	34

STANUM	STATION	IDORG	DATE	LEG
40022.3	ALAMITOS BAY, ENTRANCE	66	09/15/92	4

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Amaeana occidentalis	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Chaetozone corona	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Cossura candida	Polychaeta	5	1	1	2.3	3.0	1	5	2.3	1.3	5.2	7
Exogone uniformis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Fabricinuda limnicola	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	0	0	4	1.3	2.0	0	4	2.3	1.3	5.2	4
Mediomastus acutus	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	12	24	48	28.0	30.0	12	48	18.3	10.6	41.2	84
Monticellina sp. C	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pista alata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Pista disjuncta	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Podarke pugettensis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Polyophthalmus pictus	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio heterobranchia	Polychaeta	0	1	9	3.3	4.5	0	9	4.9	2.8	11.1	10
Prionospio lighti	Polychaeta	4	0	3	2.3	2.0	0	4	2.1	1.2	4.7	7
Scolecopsis quinqueidentata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma erecta	Polychaeta	3	0	2	1.7	1.5	0	3	1.5	0.9	3.4	5
Sphaerosyllis californiensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
nematoda	Nematoda	0	0	13	4.3	6.5	0	13	7.5	4.3	16.9	13
nemertea	Nemertea	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Rudilemboides stenopropodus	Amphipoda	0	0	9	3.0	4.5	0	9	5.2	3.0	11.7	9
Mayerella banksia	Amphipoda	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
Rhepoxynius menziesi	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tagelus subteres	Bivalvia	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
Theora fragilis	Bivalvia	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Tellina modesta	Bivalvia	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Sulcoretusa xystrum	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1

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Cylichna diegensis	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Molpadia		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	34	34	110	59.3	72.0	34	110	43.9	25.3	98.7	178	
	TOTAL SPECIES	29	11	8	23	14.0	15.5	8	23	7.9	4.6	17.9	42
	TOTAL CRUST. INDIV.		1	0	12	4.3	6.0	0	12	6.7	3.8	15.0	13
	TOTAL CRUST. SP.	3	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	GAMMARID INDIV.		1	0	12	4.3	6.0	0	12	6.7	3.8	15.0	13
	GAMMARID SP.	3	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		3	4	9	5.3	6.0	3	9	3.2	1.9	7.2	16
	TOTAL MOLLUSC SP.	5	1	1	5	2.3	3.0	1	5	2.3	1.3	5.2	7
	TOTAL POLYCHAETE INDIV.		29	29	74	44.0	51.5	29	74	26.0	15.0	58.5	132
	TOTAL POLYCHAETE SP.	18	8	6	13	9.0	9.5	6	13	3.6	2.1	8.1	27

STANUM	STATION	IDORG	DATE	LEG
40023.1	ALAMITOS BAY, L.B. MARINA	67	09/16/92	4

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Diopatra tridentata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Eranno lagunae	Polychaeta	3	3	2	2.7	2.5	2	3	0.6	0.3	1.3	8
Exogone uniformis	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Goniada littorea	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus acutus	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus californiensis	Polychaeta	66	41	48	51.7	53.5	41	66	12.9	7.4	29.0	155
Monticellina dorsobranchialis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Neanthes arenaceodentata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Phyllodoce hartmanae	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Polyophthalmus pictus	Polychaeta	6	1	2	3.0	3.5	1	6	2.6	1.5	6.0	9
Prionospio heterobranchia	Polychaeta	8	2	15	8.3	8.5	2	15	6.5	3.8	14.6	25
Prionospio lighti	Polychaeta	8	8	6	7.3	7.0	6	8	1.2	0.7	2.6	22
Sphaerosyllis californiensis	Polychaeta	4	2	2	2.7	3.0	2	4	1.2	0.7	2.6	8
nematoda	Nematoda	1	3	9	4.3	5.0	1	9	4.2	2.4	9.4	13
nemertea	Nemertea	1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
oligochaeta	Oligochaeta	0	0	4	1.3	2.0	0	4	2.3	1.3	5.2	4
Rudilemboides stenopropodus	Amphipoda	29	26	27	27.3	27.5	26	29	1.5	0.9	3.4	82

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Amphideutopus oculatus	Amphipoda	2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
Bathyleberis californica	Ostracoda	5	0	4	3.0	2.5	0	5	2.6	1.5	6.0	9
Microdeutopus schmitti	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mayerella banksia	Amphipoda	9	19	8	12.0	13.5	8	19	6.1	3.5	13.7	36
Theora fragilis	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tagelus subteres	Bivalvia	8	5	4	5.7	6.0	4	8	2.1	1.2	4.7	17
Laevicardium substriatum	Bivalvia	4	3	3	3.3	3.5	3	4	0.6	0.3	1.3	10
Mysella sp. A	Bivalvia	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Tellina modesta	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Macoma nasuta	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cylichnella sp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Protothaca staminea	Bivalvia	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Cooperella subdiaphana	Bivalvia	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Amphiodia sp.	Ophiuroidea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Bivalve	Mollusca	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Molpadia		6	2	0	2.7	3.0	0	6	3.1	1.8	6.9	8
Edwardia sp.	Anthozoa	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	175	124	142	147.0	149.5	124	175	25.9	14.9	58.2	441
	TOTAL SPECIES	34	27	18	21.7	22.5	18	27	4.7	2.7	10.6	65
	TOTAL CRUST. INDIV.	46	47	41	44.7	44.0	41	47	3.2	1.9	7.2	134
	TOTAL CRUST. SP.	5	5	3	4.0	4.0	3	5	1.0	0.6	2.3	12
	GAMMARID INDIV.	41	47	37	41.7	42.0	37	47	5.0	2.9	11.3	125
	GAMMARID SP.	4	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
	OTHER CRUSTACEAN INDIV.	5	0	4	3.0	2.5	0	5	2.6	1.5	6.0	9
	OTHER CRUSTACEAN SP.	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM INDIV.	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM SP.	1	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.	20	8	10	12.7	14.0	8	20	6.4	3.7	14.5	38
	TOTAL MOLLUSC SP.	9	8	2	5.0	5.0	2	8	3.0	1.7	6.8	15
	TOTAL POLYCHAETE INDIV.	99	60	78	79.0	79.5	60	99	19.5	11.3	43.9	237
	TOTAL POLYCHAETE SP.	13	9	9	9.0	9.0	9	9	0.0	0.0	0.0	27

Benthic Community Data

STANUM 40023.2 STATION ALAMITOS BAY, L.B. MARINA IDORG 68 DATE 09/16/92 LEG 4

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Cauleriella spp. juv.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Eranno lagunae	Polychaeta	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Exogone uniformis	Polychaeta	2	3	1	2.0	2.0	1	3	1.0	0.6	2.3	6
Goniada littorea	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	6	11	5	7.3	8.0	5	11	3.2	1.9	7.2	22
Polyophthalmus pictus	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	6	2	2	3.3	4.0	2	6	2.3	1.3	5.2	10
Sphaerosyllis californiensis	Polychaeta	3	0	2	1.7	1.5	0	3	1.5	0.9	3.4	5
Streblospio benedicti	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nematoda	Nematoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
oligochaeta	Oligochaeta	7	2	3	4.0	4.5	2	7	2.6	1.5	6.0	12
Rudilembooides stenopropodus	Amphipoda	2	12	27	13.7	14.5	2	27	12.6	7.3	28.3	41
Amphideutopus oculatus	Amphipoda	0	3	1	1.3	1.5	0	3	1.5	0.9	3.4	4
Bathyleberis californica	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mayerella banksia	Amphipoda	1	1	5	2.3	3.0	1	5	2.3	1.3	5.2	7
Leptocheilia sp.	Tanaidacea	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Tagelus subteres	Bivalvia	2	4	1	2.3	2.5	1	4	1.5	0.9	3.4	7
Laevicardium substriatum	Bivalvia	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Cooperella subdiaphana	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mactra californica	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphiodia sp.	Ophiuroidea	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Molpadia		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Edwardia sp.	Anthozoa	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	35	47	54	45.3	44.5	35	54	9.6	5.5	21.6	136
	TOTAL SPECIES	23	13	14	14.3	14.5	13	16	1.5	0.9	3.4	43
	TOTAL CRUST. INDIV.		5	17	18.3	19.0	5	33	14.0	8.1	31.6	55
	TOTAL CRUST. SP.	5	3	4	3.3	3.5	3	4	0.6	0.3	1.3	10
	GAMMARID INDIV.		3	16	17.3	18.0	3	33	15.0	8.7	33.9	52
	GAMMARID SP.	3	2	3	2.7	2.5	2	3	0.6	0.3	1.3	8
	OTHER CRUSTACEAN INDIV.		2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN SP.	2	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM INDIV.		0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM SP.	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL MOLLUSC INDIV.		3	6	4.3	4.5	3	6	1.5	0.9	3.4	13

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TOTAL MOLLUSC SP.	4	2	2	4	2.7	3.0	2	4	1.2	0.7	2.6	8
TOTAL POLYCHAETE INDIV.		19	19	12	16.7	15.5	12	19	4.0	2.3	9.1	50
TOTAL POLYCHAETE SP.	9	6	5	6	5.7	5.5	5	6	0.6	0.3	1.3	17

STANUM	STATION	IDORG	DATE	LEG
40023.3	ALAMITOS BAY, L.B. MARINA	69	09/16/92	4

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Armandia brevis	Polychaeta	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Capitella capitata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Eranno lagunae	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Exogone uniformis	Polychaeta	3	2	3	2.7	2.5	2	3	0.6	0.3	1.3	8
Leitoscoloplos pugettensis	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Mediomastus californiensis	Polychaeta	41	36	39	38.7	38.5	36	41	2.5	1.5	5.7	116
Notomastus tenuis	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Polydora cornuta	Polychaeta	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Polyophthalmus pictus	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Prionospio heterobranchia	Polychaeta	4	7	8	6.3	6.0	4	8	2.1	1.2	4.7	19
Prionospio lighti	Polychaeta	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
Sphaerosyllis californiensis	Polychaeta	2	4	3	3.0	3.0	2	4	1.0	0.6	2.3	9
nematoda	Nematoda	62	21	29	37.3	41.5	21	62	21.7	12.5	48.9	112
nemertea	Nemertea	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
oligochaeta	Oligochaeta	5	10	2	5.7	6.0	2	10	4.0	2.3	9.1	17
Rudilembooides stenopropodus	Amphipoda	15	18	45	26.0	30.0	15	45	16.5	9.5	37.2	78
Amphideutopus oculatus	Amphipoda	3	2	2	2.3	2.5	2	3	0.6	0.3	1.3	7
Bathyleberis californica	Ostracoda	2	5	16	7.7	9.0	2	16	7.4	4.3	16.6	23
Mayerella banksia	Amphipoda	8	5	18	10.3	11.5	5	18	6.8	3.9	15.3	31
Tagelus subteres	Bivalvia	8	5	10	7.7	7.5	5	10	2.5	1.5	5.7	23
Laevicardium substrianum	Bivalvia	1	5	3	3.0	3.0	1	5	2.0	1.2	4.5	9
Mysella sp. A	Bivalvia	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Protothaca staminea	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cooperella subdiaphana	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphiodia sp.	Ophiuroidea	1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Macoma sp.	Bivalvia	1	4	0	1.7	2.0	0	4	2.1	1.2	4.7	5
Edwardsia ?	Anthozoa	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
Molpadia		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL INDIVIDUALS		165	138	189	164.0	163.5	138	189	25.5	14.7	57.4	492
TOTAL SPECIES		28	21	21	20.3	20.0	19	21	1.2	0.7	2.6	61

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TOTAL CRUST. INDIV.		28	30	81	46.3	54.5	28	81	30.0	17.3	67.6	139
TOTAL CRUST. SP.	4	4	4	4	4.0	4.0	4	4	0.0	0.0	0.0	12
GAMMARID INDIV.		26	25	65	38.7	45.0	25	65	22.8	13.2	51.3	116
GAMMARID SP.	3	3	3	3	3.0	3.0	3	3	0.0	0.0	0.0	9
OTHER CRUSTACEAN INDIV.		2	5	16	7.7	9.0	2	16	7.4	4.3	16.6	23
OTHER CRUSTACEAN SP.	1	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
TOTAL ECHINODERM INDIV.		1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
TOTAL ECHINODERM SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
TOTAL MOLLUSC INDIV.		10	16	15	13.7	13.0	10	16	3.2	1.9	7.2	41
TOTAL MOLLUSC SP.	6	3	4	4	3.7	3.5	3	4	0.6	0.3	1.3	11
TOTAL POLYCHAETE INDIV.		55	56	61	57.3	58.0	55	61	3.2	1.9	7.2	172
TOTAL POLYCHAETE SP.	12	8	9	8	8.3	8.5	8	9	0.6	0.3	1.3	25

STANUM	STATION	IDORG	DATE	LEG
40031.1	PALOS VERDES(SWARTZ 6)	76	09/01/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Cossura candida	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Glycera nana	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Gymnonereis crosslandi	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Lumbrineris cruzensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Maldane glebifex	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Marphysa disjuncta	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	2	4	4	3.3	3.0	2	4	1.2	0.7	2.6	10
Monticellina dorsobranchialis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta	4	0	0	1.3	2.0	0	4	2.3	1.3	5.2	4
Pectinaria californiensis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pista disjuncta	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio sp. A	Polychaeta	0	2	5	2.3	2.5	0	5	2.5	1.5	5.7	7
Sigambra tentaculata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Spiophanes missionensis	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
nemertea	Nemertea	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Euphilomedes producta	Ostracoda	18	0	4	7.3	9.0	0	18	9.5	5.5	21.3	22
Caprella sp.	Caprellida	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Ampelisca brevisimulata	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

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Foxiphalus similis	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leucon subnasica	Cumacea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Amphiodia sp.	Ophiuroidea	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
Kurtzia artega	Gastropoda	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Parvilucina tenuisculpta	Bivalvia	4	5	10	6.3	7.0	4	10	3.2	1.9	7.2	19	
Mysella tumida	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mysella sp. A	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	38	22	30	30.0	30.0	22	38	8.0	4.6	18.0	90	
	TOTAL SPECIES	27	13	12	11	12.0	12.0	11	13	1.0	0.6	2.3	36
	TOTAL CRUST. INDIV.	21	0	5	8.7	10.5	0	21	11.0	6.3	24.7	26	
	TOTAL CRUST. SP.	5	4	0	2	2.0	2.0	0	4	2.0	1.2	4.5	6
	GAMMARID INDIV.	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
	GAMMARID SP.	2	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	OTHER CRUSTACEAN INDIV.	19	0	5	8.0	9.5	0	19	9.8	5.7	22.2	24	
	OTHER CRUSTACEAN SP.	3	2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
	TOTAL ECHINODERM INDIV.	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
	TOTAL ECHINODERM SP.	1	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL MOLLUSC INDIV.	5	7	11	7.7	8.0	5	11	3.1	1.8	6.9	23	
	TOTAL MOLLUSC SP.	4	2	3	2	2.3	2.5	2	3	0.6	0.3	1.3	7
	TOTAL POLYCHAETE INDIV.	12	12	12	12.0	12.0	12	12	0.0	0.0	0.0	36	
	TOTAL POLYCHAETE SP.	16	7	7	5	6.3	6.0	5	7	1.2	0.7	2.6	19

STANUM	STATION	IDORG	DATE	LEG
40031.2	PALOS VERDES (SWART 6)	77	09/01/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Aphelochaeta multifilis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Apistobranchus ornatus	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	1	0	4	1.7	2.0	0	4	2.1	1.2	4.7	5
Eranno lagunae	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera americana	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera nana	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycinde armigera	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Hesperonoe spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Levinsenia gracilis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Lumbrineris cruzensis	Polychaeta	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Maldane glebifex	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1

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Malmgreniella spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	22	18	3	14.3	12.5	3	22	10.0	5.8	22.5	43
Monticellina dorsobranchialis	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Monticellina tessellata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Pectinaria californiensis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pholoe glabra	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis glabra	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Podarkeopsis sp. A	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Prionospio sp. A	Polychaeta	4	7	4	5.0	5.5	4	7	1.7	1.0	3.9	15
nemertea	Nemertea	0	3	4	2.3	2.0	0	4	2.1	1.2	4.7	7
oligochaeta	Oligochaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
flatworm	platyhelminthes	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes producta	Ostracoda	8	13	5	8.7	9.0	5	13	4.0	2.3	9.1	26
Euphilomedes carcharodonta	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Heterophoxus oculatus	Amphipoda	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Eudorella pacifica	Cumacea	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Leptostylis sp.	Cumacea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Ampelisca brevisimulata	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leptognathia cf. sp. B	Tanaidacea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Parvilucina tenuisculpta	Bivalvia	5	2	1	2.7	3.0	1	5	2.1	1.2	4.7	8
Volvulella cylindrica	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Saxicavella pacifica	Bivalvia	2	4	0	2.0	2.0	0	4	2.0	1.2	4.5	6
Mysella sp.	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cooperella subdiadphana	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphiodia sp.	Ophiuroidea	0	0	9	3.0	4.5	0	9	5.2	3.0	11.7	9
Caudina sp.		1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Leptosynaptus sp.	Holothuroidea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	57	69	42	56.0	55.5	42	69	13.5	7.8	30.4	168
	TOTAL SPECIES	41	20	24	21.0	21.5	19	24	2.6	1.5	6.0	63
	TOTAL CRUST. INDIV.	12	16	7	11.7	11.5	7	16	4.5	2.6	10.1	35
	TOTAL CRUST. SP.	7	5	4	4.0	4.0	3	5	1.0	0.6	2.3	12
	GAMMARID INDIV.	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	GAMMARID SP.	2	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	OTHER CRUSTACEAN INDIV.	10	15	6	10.3	10.5	6	15	4.5	2.6	10.1	31
	OTHER CRUSTACEAN SP.	5	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8
	TOTAL ECHINODERM INDIV.	1	2	10	4.3	5.5	1	10	4.9	2.8	11.1	13
	TOTAL ECHINODERM SP.	3	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4

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TOTAL MOLLUSC INDIV.	8	7	2	5.7	5.0	2	8	3.2	1.9	7.2	17
TOTAL MOLLUSC SP.	5	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8
TOTAL POLYCHAETE INDIV.	35	40	19	31.3	29.5	19	40	11.0	6.3	24.7	94
TOTAL POLYCHAETE SP.	23	10	14	11.7	12.0	10	14	2.1	1.2	4.7	35

STANUM	STATION	IDORG	DATE	LEG
40031.3	PALOS VERDES (SWARTZ 6)	78	09/01/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Anobothrus gracilis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Goniada brunnea	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Lumbrineris cruzensis	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus californiensis	Polychaeta	5	4	0	3.0	2.5	0	5	2.6	1.5	6.0	9
Monticellina dorsobranchialis	Polychaeta	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Nephtys cornuta	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Pectinaria californiensis	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Podarkeopsis glabra	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis sp. A	Polychaeta	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Prionospio lighti	Polychaeta	1	1	4	2.0	2.5	1	4	1.7	1.0	3.9	6
Prionospio sp. A	Polychaeta	1	2	3	2.0	2.0	1	3	1.0	0.6	2.3	6
nemertea	Nemertea	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Euphilomedes producta	Ostracoda	2	2	3	2.3	2.5	2	3	0.6	0.3	1.3	7
Heterophoxus oculatus	Amphipoda	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Ampelisca brevisimulata	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nicippe tumida	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Byblis sp.	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Diastylis sp.	Cumacea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leucon subnasica	Cumacea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Eudorella pacifica	Cumacea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leptostylis sp.	Cumacea	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Cadulus quadrifissatus	Scaphopoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphiodia sp.	Ophiuroidea	4	7	9	6.7	6.5	4	9	2.5	1.5	5.7	20
Volvulella cylindrica	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Kurtzia arteaga (dead)	Gastropoda	0	12	0	4.0	6.0	0	12	6.9	4.0	15.6	12
Mysella tumida	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

Benthic Community Data

Tellina modesta	Bivalvia	4	0	0	1.3	2.0	0	4	2.3	1.3	5.2	4
Protothaca staminea	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	27	42	37	35.3	34.5	27	42	7.6	4.4	17.2	106
	TOTAL SPECIES	31	15	18	16.3	16.5	15	18	1.5	0.9	3.4	49
	TOTAL CRUST. INDIV.	6	7	7	6.7	6.5	6	7	0.6	0.3	1.3	20
	TOTAL CRUST. SP.	10	4	6	4.7	5.0	4	6	1.2	0.7	2.6	14
	GAMMARID INDIV.	4	4	2	2.3	2.5	1	4	1.5	0.9	3.4	7
	GAMMARID SP.	4	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6
	OTHER CRUSTACEAN INDIV.	2	2	5	4.3	4.0	2	6	2.1	1.2	4.7	13
	OTHER CRUSTACEAN SP.	6	1	4	2.7	2.5	1	4	1.5	0.9	3.4	8
	TOTAL ECHINODERM INDIV.	4	4	7	6.7	6.5	4	9	2.5	1.5	5.7	20
	TOTAL ECHINODERM SP.	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
	TOTAL MOLLUSC INDIV.	6	6	13	6.7	7.0	1	13	6.0	3.5	13.6	20
	TOTAL MOLLUSC SP.	6	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6
	TOTAL POLYCHAETE INDIV.	10	10	13	13.7	14.0	10	18	4.0	2.3	9.1	41
	TOTAL POLYCHAETE SP.	13	6	8	7.7	7.5	6	9	1.5	0.9	3.4	23

STANUM	STATION	IDORG	DATE	LEG
40032.1	SAN PEDRO BAY POLA 19	79	07/30/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Ampharete labrops	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Anotomastus gordiodes	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Apoprionospio pygmaea	Polychaeta	1	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6
Chaetozone corona	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirratulidae spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Eranno lagunae	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Levinsenia gracilis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	12	10	6	9.3	9.0	6	12	3.1	1.8	6.9	28
Monticellina sp. C	Polychaeta	5	5	2	4.0	3.5	2	5	1.7	1.0	3.9	12
Nereis procera	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Poecilochaetus sp. A	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Sabellidae spp. juv.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

Benthic Community Data

Scoletoma erecta	Polychaeta	2	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8	
nematoda	Nematoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	0	4	1	1.7	2.0	0	4	2.1	1.2	4.7	5	
Argissa hamatipes	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Foxiphalus obtusidens	Amphipoda	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Crangon nigricauda	Decapoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Ampelisca cristata	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Gnathia crenulatifrons	Isopoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Amphideutopus oculatus	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Rutiderma rostrata	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Glottidia albida	Brachipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cooperella subdiphana	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Tellina modesta	Bivalvia	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
Odostomia sp.	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mysella tumida	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Modiolus rectus	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Amphiodia sp.	Ophiuroidea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Phoronid	Phoronida	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS		34	38	24	32.0	31.0	24	38	7.2	4.2	16.2	96
	TOTAL SPECIES	35	17	18	15	16.7	16.5	15	18	1.5	0.9	3.4	50
	TOTAL CRUST. INDIV.		3	4	1	2.7	2.5	1	4	1.5	0.9	3.4	8
	TOTAL CRUST. SP.	7	3	4	1	2.7	2.5	1	4	1.5	0.9	3.4	8
	GAMMARID INDIV.		2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
	GAMMARID SP.	4	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
	OTHER CRUSTACEAN INDIV.		1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN SP.	3	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.		3	3	1	2.3	2.0	1	3	1.2	0.7	2.6	7
	TOTAL MOLLUSC SP.	5	2	3	1	2.0	2.0	1	3	1.0	0.6	2.3	6
	TOTAL POLYCHAETE INDIV.		27	27	18	24.0	22.5	18	27	5.2	3.0	11.7	72
	TOTAL POLYCHAETE SP.	18	11	10	9	10.0	10.0	9	11	1.0	0.6	2.3	30

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40032.2	SAN PEDRO BAY POLA 19	80	07/30/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Ampharete labrops	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphicteis scaphobranchiata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta monilaris	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Apopriospio pygmaea	Polychaeta	1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7
Chaetozone corona	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Eranno lagunae	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euchone limnicola	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euclymeninae spp. indet.	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Glycera americana	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Glycinde armigera	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Laonice cirrata	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Leitoscoloplos pugettensis	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Marphysa disjuncta	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus californiensis	Polychaeta	15	24	11	16.7	17.5	11	24	6.7	3.8	15.0	50
Melinna oculata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Metasychis disparidentatus	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta	12	3	4	6.3	7.5	3	12	4.9	2.8	11.1	19
Nephtys cornuta	Polychaeta	0	3	3	2.0	1.5	0	3	1.7	1.0	3.9	6
Nereis procera	Polychaeta	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Notomastus tenuis	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Parapriospio pinnata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pectinaria californiensis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pista disjuncta	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Praxillella spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Scoletoma erecta	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Spiophanes missionensis	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
nemertea	Nemertea	3	5	2	3.3	3.5	2	5	1.5	0.9	3.4	10
Euphilomedes carcharodonta	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Gnathia crenulatifrons	Isopoda	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Bathyleberis californica	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Ampelisca cristata	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Rutiderna lomae	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1

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Edotea sublittoralis	Isopoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leptostylis sp.	Cumacea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Odostomia sp.	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cylichna diegensis	Gastropoda	0	2	4	2.0	2.0	0	4	2.0	1.2	4.5	6
Gasteropteron pacificum	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphiodia sp.	Ophiuroidea	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Tellina modesta	Bivalvia	0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5
Mysella sp. A	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Macoma sp.	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Poromya sp.	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mysella tumida	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	44	66	50	53.3	55.0	44	66	11.4	6.6	25.6	160
	TOTAL SPECIES	46	13	28	21.7	20.5	13	28	7.8	4.5	17.5	65
	TOTAL CRUST. INDIV.	3	5	2	3.3	3.5	2	5	1.5	0.9	3.4	10
	TOTAL CRUST. SP.	7	1	5	2.7	3.0	1	5	2.1	1.2	4.7	8
	GAMMARID INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID SP.	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.	3	5	1	3.0	3.0	1	5	2.0	1.2	4.5	9
	OTHER CRUSTACEAN SP.	6	1	5	2.3	3.0	1	5	2.3	1.3	5.2	7
	TOTAL ECHINODERM INDIV.	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	TOTAL ECHINODERM SP.	1	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.	1	8	9	6.0	5.0	1	9	4.4	2.5	9.8	18
	TOTAL MOLLUSC SP.	9	1	7	3.7	4.0	1	7	3.1	1.8	6.9	11
	TOTAL POLYCHAETE INDIV.	37	46	37	40.0	41.5	37	46	5.2	3.0	11.7	120
	TOTAL POLYCHAETE SP.	28	10	14	14.0	14.0	10	18	4.0	2.3	9.0	42

STANUM	STATION	IDORG	DATE	LEG
40032.3	SAN PEDRO BAY, POLA 19	81	07/30/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amacana occidentalis	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Ampharete labrops	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphicteis scaphobranchiata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Apoprionospio pygmaea	Polychaeta	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Chone mollis	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Cirratulidae spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1

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Cossura candida	Polychaeta	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
Eranno lagunae	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Euclymeninae spp. indet.	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Eumida longicornuta	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Glycinde armigera	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leitoscoloplos pugettensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Levinsenia gracilis	Polychaeta	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5	
Lumbrineris californiensis	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mediomastus californiensis	Polychaeta	10	5	9	8.0	7.5	5	10	2.6	1.5	6.0	24	
Metasychis disparidentatus	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Monticellina dorsobranchialis	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Monticellina sp. C	Polychaeta	9	4	8	7.0	6.5	4	9	2.6	1.5	6.0	21	
Nephtys cornuta	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nereididae spp. juv.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Paramage scutata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Paraprionospio pinnata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Podarkeopsis glabra	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Podarkeopsis sp. A	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Prionospio lighti	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Scalibregma inflatum	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Scoletoma erecta	Polychaeta	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4	
Spiophanes berkeleyorum	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Amphideutopus oculatus	Amphipoda	6	0	9	5.0	4.5	0	9	4.6	2.6	10.3	15	
Euphilomedes carcharodonta	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Lamprops sp.	Cumacea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mysidacea	Mysidacea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Tellina modesta	Bivalvia	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
Cylichna diegensis	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Laevicardium substriatum	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Parvilucina tenuisculpta	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mysella tumida	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cooperella subdiaphana	Bivalvia	0	2	5	2.3	2.5	0	5	2.5	1.5	5.7	7	
Rudilemboides stenopropodus	Amphipoda	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
	TOTAL INDIVIDUALS	41	33	49	41.0	41.0	33	49	8.0	4.6	18.0	123	
	TOTAL SPECIES	41	18	21	19.3	19.5	18	21	1.5	0.9	3.4	58	
	TOTAL CRUST. INDIV.	8	1	11	6.7	6.0	1	11	5.1	3.0	11.5	20	
	TOTAL CRUST. SP.	5	2	1	3	2.0	2.0	1	3	1.0	0.6	2.3	6
	GAMMARID INDIV.	8	0	9	5.7	4.5	0	9	4.9	2.8	11.1	17	

Benthic Community Data

GAMMARID SP.	2	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
OTHER CRUSTACEAN INDIV.		0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
OTHER CRUSTACEAN SP.	3	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		2	6	6	4.7	4.0	2	6	2.3	1.3	5.2	14
TOTAL MOLLUSC SP.	6	2	4	2	2.7	3.0	2	4	1.2	0.7	2.6	8
TOTAL POLYCHAETE INDIV.		30	26	31	29.0	28.5	26	31	2.6	1.5	6.0	87
TOTAL POLYCHAETE SP.	29	13	16	13	14.0	14.5	13	16	1.7	1.0	3.9	42

STANUM	STATION	IDORG	DATE	LEG
40033.1	OUTER HARBOR, POLA 10	82	07/30/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
<i>Acmira catherinae</i>	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Cossura candida</i>	Polychaeta	0	5	6	3.7	3.0	0	6	3.2	1.9	7.2	11
<i>Euclymeninae</i> spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Harmothoinae</i> spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Leitoscoloplos pugettensis</i>	Polychaeta	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
<i>Levinsenia gracilis</i>	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
<i>Malmgreniella</i> spp. indet.	Polychaeta	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
<i>Mediomastus californiensis</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Nephtys cornuta</i>	Polychaeta	2	5	3	3.3	3.5	2	5	1.5	0.9	3.4	10
<i>Pectinaria californiensis</i>	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
<i>Sigalionidae</i> spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Spionidae</i> spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Terebellidae</i> spp. indet.	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Terebellides californica</i>	Polychaeta	0	2	4	2.0	2.0	0	4	2.0	1.2	4.5	6
<i>nemertea</i>	Nemertea	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Amphideutopus oculus</i>	Amphipoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Euphilomedes carcharodonta</i>	Ostracoda	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Rudilemboides stenopropodus</i>	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Mysella tumida</i>	Bivalvia	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Theora fragilis</i>	Bivalvia	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Tellina modesta</i>	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Cylichna diegensis</i>	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Nuculana taphria</i>	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Polinices</i> sp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1

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Aglajidae	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	11	23	28	20.7	19.5	11	28	8.7	5.0	19.7	62	
	TOTAL SPECIES	25	9	13	17	13.0	13.0	9	17	4.0	2.3	9.0	39
	TOTAL CRUST. INDIV.		1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL CRUST. SP.	3	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	GAMMARID INDIV.		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID SP.	2	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN SP.	1	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		2	2	5	3.0	3.5	2	5	1.7	1.0	3.9	9
	TOTAL MOLLUSC SP.	7	2	2	5	3.0	3.5	2	5	1.7	1.0	3.9	9
	TOTAL POLYCHAETE INDIV.		8	19	20	15.7	14.0	8	20	6.7	3.8	15.0	47
	TOTAL POLYCHAETE SP.	14	6	9	9	8.0	7.5	6	9	1.7	1.0	3.9	24

STANUM	STATION	IDORG	DATE	LEG
40033.2	OUTER HARBOR, POLA 10	83	07/30/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	3	0	1	1.3	1.5	0	3	1.5	0.9	3.4	4
Amphicteis scaphobranchiata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirratulidae spp. indet.	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Cossura candida	Polychaeta	13	9	23	15.0	16.0	9	23	7.2	4.2	16.2	45
Euchone limnicola	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Levinsenia gracilis	Polychaeta	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Lumbrineridae spp. juv.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Malmgreniella spp. indet.	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Marphysa disjuncta	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta	5	0	1	2.0	2.5	0	5	2.6	1.5	6.0	6
Nephtys cornuta	Polychaeta	12	12	6	10.0	9.0	6	12	3.5	2.0	7.8	30
Nereis procera	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Notomastus tenuis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paramage scutata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaeta	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3

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Scoletoma erecta	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Terebellides californica	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Terebellides spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
nemertea	Nemertea	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Amphideutopus oculatus	Amphipoda	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
Rudilemboides stenopropodus	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nassarius perpinguis	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mysella sp. A	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5	
Parvilucina tenuisculpta	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cooperella subdiaphana	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Odostomia sp.	Gastropoda	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
Amphiodia sp.	Ophiuroidea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	53	33	44	43.3	43.0	33	53	10.0	5.8	22.5	130	
	TOTAL SPECIES	31	18	12	15.3	15.0	12	18	3.1	1.8	6.9	46	
	TOTAL CRUST. INDIV.		0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
	TOTAL CRUST. SP.	2	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	GAMMARID INDIV.		0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
	GAMMARID SP.	2	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.		6	4	2	4.0	4.0	2	6	2.0	1.2	4.5	12
	TOTAL MOLLUSC SP.	6	3	3	2	2.7	2.5	2	3	0.6	0.3	1.3	8
	TOTAL POLYCHAETE INDIV.		46	26	39	37.0	36.0	26	46	10.1	5.9	22.8	111
	TOTAL POLYCHAETE SP.	21	14	7	11	10.7	10.5	7	14	3.5	2.0	7.9	32

STANUM	STATION	IDORG	DATE	LEG
40033.3	OUTER HARBOR, POLA 10	84	07/30/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	5	0	1	2.0	2.5	0	5	2.6	1.5	6.0	6
Chaetozone corona	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirratulidae spp. indet.	Polychaeta	4	1	0	1.7	2.0	0	4	2.1	1.2	4.7	5
Cossura candida	Polychaeta	18	9	4	10.3	11.0	4	18	7.1	4.1	16.0	31
Glycera capitata	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5

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Malmgreniella spp. indet.	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Mediomastus spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nephtys cornuta	Polychaeta	13	7	0	6.7	6.5	0	13	6.5	3.8	14.6	20	
Nereis procera	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Pholoe glabra	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Scoletoma erecta	Polychaeta	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4	
Spionidae spp. indet.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Terebellides californica	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3	
nemertea	Nemertea	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Amphideutopus oculatus	Amphipoda	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
Amphiodia sp.	Ophiuroidea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Odostomia sp.	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Theora fragilis	Bivalvia	1	2	3	2.0	2.0	1	3	1.0	0.6	2.3	6	
Nuculana taphria	Bivalvia	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Cylichna diegensis	Gastropoda	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Parvilucina tenuisculpta	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Turbonilla sp.	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Aglajidae	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS		55	35	12	34.0	33.5	12	55	21.5	12.4	48.4	102
	TOTAL SPECIES	24	16	17	6	13.0	11.5	6	17	6.1	3.5	13.7	39
	TOTAL CRUST. INDIV.		2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL CRUST. SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID INDIV.		2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	GAMMARID SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.		4	7	3	4.7	5.0	3	7	2.1	1.2	4.7	14
	TOTAL MOLLUSC SP.	7	4	5	1	3.3	3.0	1	5	2.1	1.2	4.7	10
	TOTAL POLYCHAETE INDIV.		47	26	9	27.3	28.0	9	47	19.0	11.0	42.8	82
	TOTAL POLYCHAETE SP.	14	10	10	5	8.3	7.5	5	10	2.9	1.7	6.5	25

Benthic Community Data

STANUM STATION IDORG DATE LEG
 40004.2 LOWER MAIN CHANNEL-REP 1 830 06/17/93 20

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Amphideutopus oculatus	Gammaridea	3			3.0	3.0	3	3				3
Diastylis sp.	Cumacea	1			1.0	1.0	1	1				1
Scleroplax granulata	Decapoda	3			3.0	3.0	3	3				3
Euphilomedes carcharodonta	Ostracoda	4			4.0	4.0	4	4				4
Mysella sp.	Bivalvia	1			1.0	1.0	1	1				1
Acmira catherinae	Polychaeta	4			4.0	4.0	4	4				4
Amphicteis scaphobranchiata	Polychaeta	4			4.0	4.0	4	4				4
Chaetozone corona	Polychaeta	4			4.0	4.0	4	4				4
Chone mollis	Polychaeta	1			1.0	1.0	1	1				1
Cossura candida	Polychaeta	3			3.0	3.0	3	3				3
Eranno lagunae	Polychaeta	3			3.0	3.0	3	3				3
Euchone limnicola	Polychaeta	5			5.0	5.0	5	5				5
Exogone lourei	Polychaeta	1			1.0	1.0	1	1				1
Levinsenia gracilis	Polychaeta	1			1.0	1.0	1	1				1
Lysippe labiata	Polychaeta	1			1.0	1.0	1	1				1
Mediomastus californiensis	Polychaeta	2			2.0	2.0	2	2				2
Metasychis disparidentata	Polychaeta	1			1.0	1.0	1	1				1
Monticellina dorsobranchialis	Polychaeta	1			1.0	1.0	1	1				1
Monticellina sp. C	Polychaeta	13			13.0	13.0	13	13				13
Nereis procera	Polychaeta	1			1.0	1.0	1	1				1
Paraprionospio pinnata	Polychaeta	1			1.0	1.0	1	1				1
Pista sp(p).	Polychaeta	1			1.0	1.0	1	1				1
Podarkeopsis perkinsi	Polychaeta	1			1.0	1.0	1	1				1
Prionospio steenstrupi	Polychaeta	1			1.0	1.0	1	1				1
Scoletoma tetraura	Polychaeta	1			1.0	1.0	1	1				1
Spiophanes missionensis	Polychaeta	1			1.0	1.0	1	1				1
Streblosoma sp. B	Polychaeta	12			12.0	12.0	12	12				12
Nemertea	Nemertea	1			1.0	1.0	1	1				1
	TOTAL INDIVIDUALS			76	76.0	76.0	76	76				76
	TOTAL SPECIES	28	28		28.0	28.0	28	28				28
	TOTAL CRUST. INDIV.		11		11.0	11.0	11	11				11
	TOTAL CRUST. SP.	4	4		4.0	4.0	4	4				4
	GAMMARID INDIV.		3		3.0	3.0	3	3				3
	GAMMARID SP.	1	1		1.0	1.0	1	1				1

Benthic Community Data

OTHER CRUSTACEAN INDIV.		8	8.0	8.0	8	8	8
OTHER CRUSTACEAN SP.	3	3	3.0	3.0	3	3	3
TOTAL ECHINODERM INDIV.		0	0.0	0.0	0	0	0
TOTAL ECHINODERM SP.	0	0	0.0	0.0	0	0	0
TOTAL MOLLUSC INDIV.		1	1.0	1.0	1	1	1
TOTAL MOLLUSC SP.	1	1	1.0	1.0	1	1	1
TOTAL POLYCHAETE INDIV.		63	63.0	63.0	63	63	63
TOTAL POLYCHAETE SP.	22	22	22.0	22.0	22	22	22

STANUM	STATION	IDORG	DATE	LEG
40004.2	LOWER MAIN CHANNEL-REP 2	831	06/17/93	20

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Euphilomedes carcharodonta	Ostracoda	1			1.0	1.0	1	1				1
Pectinaria californiensis	Bivalvia	1			1.0	1.0	1	1				1
Theora fragilis	Bivalvia	7			7.0	7.0	7	7				7
Amaeana occidentalis	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta monilaris	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta multifilis	Polychaeta	1			1.0	1.0	1	1				1
Chaetozone corona	Polychaeta	5			5.0	5.0	5	5				5
Cossura candida	Polychaeta	125			125.0	125.0	125	125				125
Euchone limnicola	Polychaeta	1			1.0	1.0	1	1				1
Levinsenia gracilis	Polychaeta	6			6.0	6.0	6	6				6
Mediomastus californiensis	Polychaeta	5			5.0	5.0	5	5				5
Monticellina dorsobranchialis	Polychaeta	1			1.0	1.0	1	1				1
Monticellina sp. C	Polychaeta	24			24.0	24.0	24	24				24
Nephtys cornuta	Polychaeta	6			6.0	6.0	6	6				6
	TOTAL INDIVIDUALS			185	185.0	185.0	185	185				185
	TOTAL SPECIES	14	14		14.0	14.0	14	14				14
	TOTAL CRUST. INDIV.			1	1.0	1.0	1	1				1
	TOTAL CRUST. SP.	1	1		1.0	1.0	1	1				1
	GAMMARID INDIV.			0	0.0	0.0	0	0				0
	GAMMARID SP.	0	0		0.0	0.0	0	0				0
	OTHER CRUSTACEAN INDIV.			1	1.0	1.0	1	1				1
	OTHER CRUSTACEAN SP.	1	1		1.0	1.0	1	1				1
	TOTAL ECHINODERM INDIV.			0	0.0	0.0	0	0				0
	TOTAL ECHINODERM SP.	0	0		0.0	0.0	0	0				0
	TOTAL MOLLUSC INDIV.			8	8.0	8.0	8	8				8

Benthic Community Data

TOTAL MOLLUSC SP.	2	2	2.0	2.0	2	2	2
TOTAL POLYCHAETE INDIV.		176	176.0	176.0	176	176	176
TOTAL POLYCHAETE SP.	11	11	11.0	11.0	11	11	11

STANUM	STATION	IDORG	DATE	LEG
40004.2	LOWER MAIN CHANNEL-REF 3	832	06/17/93	20

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Neotrypaea californiensis	Decapoda	1			1.0	1.0	1	1				1
Mactra californica	Bivalvia	1			1.0	1.0	1	1				1
Acmira catherinae	Polychaeta	2			2.0	2.0	2	2				2
Amaeana occidentalis	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta multifilis	Polychaeta	1			1.0	1.0	1	1				1
Chaetozone corona	Polychaeta	3			3.0	3.0	3	3				3
Cossura candida	Polychaeta	3			3.0	3.0	3	3				3
Diopatra tridentata	Polychaeta	1			1.0	1.0	1	1				1
Eranno lagunae	Polychaeta	2			2.0	2.0	2	2				2
Euclymeninae, unident.	Polychaeta	2			2.0	2.0	2	2				2
Glycera americana	Polychaeta	1			1.0	1.0	1	1				1
Mediomastus californiensis	Polychaeta	2			2.0	2.0	2	2				2
Melinna oculata	Polychaeta	3			3.0	3.0	3	3				3
Monticellina dorsobranchialis	Polychaeta	1			1.0	1.0	1	1				1
Monticellina sp. C	Polychaeta	25			25.0	25.0	25	25				25
Nereis procera	Polychaeta	2			2.0	2.0	2	2				2
Notomastus tenuis	Polychaeta	2			2.0	2.0	2	2				2
Paramage scutata	Polychaeta	1			1.0	1.0	1	1				1
Paraprionospio pinnata	Polychaeta	2			2.0	2.0	2	2				2
Poecilochaetus johnsoni	Polychaeta	1			1.0	1.0	1	1				1
Prionospio lighti	Polychaeta	1			1.0	1.0	1	1				1
Spiophanes missionensis	Polychaeta	1			1.0	1.0	1	1				1
Sthenelanella uniformis	Polychaeta	1			1.0	1.0	1	1				1
Streblosoma sp. B	Polychaeta	6			6.0	6.0	6	6				6
Pennatulacea	Anthozoa	1			1.0	1.0	1	1				1
Nemertea	Nemertea	2			2.0	2.0	2	2				2
	TOTAL INDIVIDUALS		69		69.0	69.0	69	69				69
	TOTAL SPECIES	26	26		26.0	26.0	26	26				26
	TOTAL CRUST. INDIV.		1		1.0	1.0	1	1				1
	TOTAL CRUST. SP.	1	1		1.0	1.0	1	1				1

Benthic Community Data

GAMMARID INDIV.		0	0.0	0.0	0	0	0
GAMMARID SP.	0	0	0.0	0.0	0	0	0
OTHER CRUSTACEAN INDIV.		1	1.0	1.0	1	1	1
OTHER CRUSTACEAN SP.	1	1	1.0	1.0	1	1	1
TOTAL ECHINODERM INDIV.		0	0.0	0.0	0	0	0
TOTAL ECHINODERM SP.	0	0	0.0	0.0	0	0	0
TOTAL MOLLUSC INDIV.		1	1.0	1.0	1	1	1
TOTAL MOLLUSC SP.	1	1	1.0	1.0	1	1	1
TOTAL POLYCHAETE INDIV.		64	64.0	64.0	64	64	64
TOTAL POLYCHAETE SP.	22	22	22.0	22.0	22	22	22

STANUM	STATION	IDORG	DATE	LEG
40009.1	WEST BASIN ENTRANCE-REP 1	834	06/17/93	20

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acuminodeutopus heteruopus	Gammaridea	1			1.0	1.0	1	1				1
Amphideutopus oculus	Gammaridea	1			1.0	1.0	1	1				1
Marphysa disjuncta	Gammaridea	1			1.0	1.0	1	1				1
Theora fragilis	Bivalvia	2			2.0	2.0	2	2				2
Aglaja sp.	Gastropoda	2			2.0	2.0	2	2				2
Acmira catherinae	Polychaeta	2			2.0	2.0	2	2				2
Amphicteis scaphobranchiata	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta monilaris	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta multifilis	Polychaeta	1			1.0	1.0	1	1				1
Apoprionospio pygmaea	Polychaeta	1			1.0	1.0	1	1				1
Chaetozone corona	Polychaeta	1			1.0	1.0	1	1				1
Cossura candida	Polychaeta	52			52.0	52.0	52	52				52
Eranno lagunae	Polychaeta	2			2.0	2.0	2	2				2
Euclymeninae, unident.	Polychaeta	1			1.0	1.0	1	1				1
Leitoscoloplos pugettensis	Polychaeta	3			3.0	3.0	3	3				3
Levinsenia gracilis	Polychaeta	1			1.0	1.0	1	1				1
Mediomastus californiensis	Polychaeta	3			3.0	3.0	3	3				3
Monticellina dorsobranchialis	Polychaeta	4			4.0	4.0	4	4				4
Monticellina sp. C	Polychaeta	2			2.0	2.0	2	2				2
Nephtys cornuta	Polychaeta	1			1.0	1.0	1	1				1
Paraprionospio pinnata	Polychaeta	2			2.0	2.0	2	2				2
Parougia caeca	Polychaeta	1			1.0	1.0	1	1				1
Podarkeopsis glabra	Polychaeta	1			1.0	1.0	1	1				1

Benthic Community Data

Streblosoma sp. B	Polychaeta	1	1.0	1.0	1	1	1
Nemertea	Nemertea	1	1.0	1.0	1	1	1
	TOTAL INDIVIDUALS	89	89.0	89.0	89	89	89
	TOTAL SPECIES	25	25.0	25.0	25	25	25
	TOTAL CRUST. INDIV.	3	3.0	3.0	3	3	3
	TOTAL CRUST. SP.	3	3.0	3.0	3	3	3
	GAMMARID INDIV.	3	3.0	3.0	3	3	3
	GAMMARID SP.	3	3.0	3.0	3	3	3
	OTHER CRUSTACEAN INDIV.	0	0.0	0.0	0	0	0
	OTHER CRUSTACEAN SP.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM INDIV.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM SP.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC INDIV.	4	4.0	4.0	4	4	4
	TOTAL MOLLUSC SP.	2	2.0	2.0	2	2	2
	TOTAL POLYCHAETE INDIV.	81	81.0	81.0	81	81	81
	TOTAL POLYCHAETE SP.	19	19.0	19.0	19	19	19

STANUM	STATION	IDORG	DATE	LEG
40009.1	WEST BASIN ENTRANCE-REP 2	835	06/17/93	20

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acuminodeutopus heteruropus	Gammaridea	1			1.0	1.0	1	1				1
Amphidentopus oculus	Gammaridea	6			6.0	6.0	6	6				6
Theora fragilis	Bivalvia	7			7.0	7.0	7	7				7
Amaeana occidentalis	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta monilaris	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta multifilis	Polychaeta	2			2.0	2.0	2	2				2
Chaetozone corona	Polychaeta	3			3.0	3.0	3	3				3
Cossura candida	Polychaeta	32			32.0	32.0	32	32				32
Eranno lagunae	Polychaeta	5			5.0	5.0	5	5				5
Leitoscoloplos pugettensis	Polychaeta	4			4.0	4.0	4	4				4
Mediomastus californiensis	Polychaeta	2			2.0	2.0	2	2				2
Monticellina dorsobranchialis	Polychaeta	1			1.0	1.0	1	1				1
Monticellina sp. C	Polychaeta	4			4.0	4.0	4	4				4
Nephtys cornuta	Polychaeta	1			1.0	1.0	1	1				1
Paraprionospio pinnata	Polychaeta	3			3.0	3.0	3	3				3
Prionospio lighti	Polychaeta	1			1.0	1.0	1	1				1
Spiophanes berkeleyorum	Polychaeta	1			1.0	1.0	1	1				1

Benthic Community Data

Streblosoma sp. B	Polychaeta	1	1.0	1.0	1	1	1
Tenonia priops	Polychaeta	1	1.0	1.0	1	1	1
Nemertea	Nemertea	4	4.0	4.0	4	4	4
	TOTAL INDIVIDUALS	81	81.0	81.0	81	81	81
	TOTAL SPECIES	20	20.0	20.0	20	20	20
	TOTAL CRUST. INDIV.	7	7.0	7.0	7	7	7
	TOTAL CRUST. SP.	2	2.0	2.0	2	2	2
	GAMMARID INDIV.	7	7.0	7.0	7	7	7
	GAMMARID SP.	2	2.0	2.0	2	2	2
	OTHER CRUSTACEAN INDIV.	0	0.0	0.0	0	0	0
	OTHER CRUSTACEAN SP.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM INDIV.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM SP.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC INDIV.	7	7.0	7.0	7	7	7
	TOTAL MOLLUSC SP.	1	1.0	1.0	1	1	1
	TOTAL POLYCHAETE INDIV.	63	63.0	63.0	63	63	63
	TOTAL POLYCHAETE SP.	16	16.0	16.0	16	16	16

STANUM	STATION	IDORG	DATE	LEG
40009.1	WEST BASIN ENTRANCE-REP 3	836	06/17/93	20

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Amphideutopus oculus	Gammaridea	1			1.0	1.0	1	1				1
Gnathia crenulatifrons	Isopoda	1			1.0	1.0	1	1				1
Holothuroid	Holothuroidea	1			1.0	1.0	1	1				1
Theora fragilis	Bivalvia	6			6.0	6.0	6	6				6
Acmira catherinae	Polychaeta	3			3.0	3.0	3	3				3
Ampelisca brevisimulata	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta monilaris	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta multifilis	Polychaeta	1			1.0	1.0	1	1				1
Apoprionospio pygmaea	Polychaeta	1			1.0	1.0	1	1				1
Chaetozone corona	Polychaeta	3			3.0	3.0	3	3				3
Chone mollis	Polychaeta	1			1.0	1.0	1	1				1
Cossura candida	Polychaeta	77			77.0	77.0	77	77				77
Laonice cirrata	Polychaeta	2			2.0	2.0	2	2				2
Leitoscoloplos pugettensis	Polychaeta	6			6.0	6.0	6	6				6
Levinsenia gracilis	Polychaeta	2			2.0	2.0	2	2				2
Mediomastus californiensis	Polychaeta	3			3.0	3.0	3	3				3

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Monticellina dorsobranchialis	Polychaeta	2	2.0	2.0	2	2	2
Monticellina sp. C	Polychaeta	11	11.0	11.0	11	11	11
Nephtys cornuta	Polychaeta	3	3.0	3.0	3	3	3
Paramage scutata	Polychaeta	2	2.0	2.0	2	2	2
Paraprionospio pinnata	Polychaeta	1	1.0	1.0	1	1	1
Podarkeopsis glabra	Polychaeta	1	1.0	1.0	1	1	1
Prionospio steenstrupi	Polychaeta	2	2.0	2.0	2	2	2
Scoletoma tetraura	Polychaeta	1	1.0	1.0	1	1	1
Terebellides californica	Polychaeta	5	5.0	5.0	5	5	5
Nemertea	Nemertea	4	4.0	4.0	4	4	4
	TOTAL INDIVIDUALS	142	142.0	142.0	142	142	142
	TOTAL SPECIES	26	26.0	26.0	26	26	26
	TOTAL CRUST. INDIV.	2	2.0	2.0	2	2	2
	TOTAL CRUST. SP.	2	2.0	2.0	2	2	2
	GAMMARID INDIV.	1	1.0	1.0	1	1	1
	GAMMARID SP.	1	1.0	1.0	1	1	1
	OTHER CRUSTACEAN INDIV.	1	1.0	1.0	1	1	1
	OTHER CRUSTACEAN SP.	1	1.0	1.0	1	1	1
	TOTAL ECHINODERM INDIV.	1	1.0	1.0	1	1	1
	TOTAL ECHINODERM SP.	1	1.0	1.0	1	1	1
	TOTAL MOLLUSC INDIV.	6	6.0	6.0	6	6	6
	TOTAL MOLLUSC SP.	1	1.0	1.0	1	1	1
	TOTAL POLYCHAETE INDIV.	129	129.0	129.0	129	129	129
	TOTAL POLYCHAETE SP.	21	21.0	21.0	21	21	21

STANUM	STATION	IDORG	DATE	LEG
40018.3	LONG BEACH OUTER HAR.-18 REF1	884	08/05/93	22

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Diastylis sp.	Cumacea	1			1.0	1.0	1	1				1
Euphilomedes carcharodonta	Ostracoda	8			8.0	8.0	8	8				8
Theora fragilis	Bivalvia	1			1.0	1.0	1	1				1
Amacana occidentalis	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta monilaris	Polychaeta	1			1.0	1.0	1	1				1
Apistobanchus sp.(p).	Polychaeta	1			1.0	1.0	1	1				1
Chaetozone corona	Polychaeta	1			1.0	1.0	1	1				1
Cossura candida	Polychaeta	9			9.0	9.0	9	9				9
Monticellina sp. C	Polychaeta	1			1.0	1.0	1	1				1

Benthic Community Data

Nephtys cornuta	Polychaeta	1	1.0	1.0	1	1	1
Pista sp(p).	Polychaeta	1	1.0	1.0	1	1	1
	TOTAL INDIVIDUALS	26	26.0	26.0	26	26	26
	TOTAL SPECIES	11	11.0	11.0	11	11	11
	TOTAL CRUST. INDIV.	9	9.0	9.0	9	9	9
	TOTAL CRUST. SP.	2	2.0	2.0	2	2	2
	GAMMARID INDIV.	0	0.0	0.0	0	0	0
	GAMMARID SP.	0	0.0	0.0	0	0	0
	OTHER CRUSTACEAN INDIV.	9	9.0	9.0	9	9	9
	OTHER CRUSTACEAN SP.	2	2.0	2.0	2	2	2
	TOTAL ECHINODERM INDIV.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM SP.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC INDIV.	1	1.0	1.0	1	1	1
	TOTAL MOLLUSC SP.	1	1.0	1.0	1	1	1
	TOTAL POLYCHAETE INDIV.	16	16.0	16.0	16	16	16
	TOTAL POLYCHAETE SP.	8	8.0	8.0	8	8	8

STANUM	STATION	IDORG	DATE	LEG
40018.3	LONG BEACH OUTER HAR.-18 REF2	885	08/05/93	22

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Diastylis sp.	Cumacea	2			2.0	2.0	2	2				2
Parasterope barnesi	Ostracoda	1			1.0	1.0	1	1				1
Theora fragilis	Bivalvia	1			1.0	1.0	1	1				1
Aglaja sp.	Gastropoda	1			1.0	1.0	1	1				1
Acmira catherinae	Polychaeta	2			2.0	2.0	2	2				2
Acmira horikoshii	Polychaeta	1			1.0	1.0	1	1				1
Amaeana occidentalis	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta monilaris	Polychaeta	1			1.0	1.0	1	1				1
Cossura candida	Polychaeta	39			39.0	39.0	39	39				39
Eranno lagunae	Polychaeta	1			1.0	1.0	1	1				1
Euclymeninae, unident.	Polychaeta	2			2.0	2.0	2	2				2
Mediomastus californiensis	Polychaeta	2			2.0	2.0	2	2				2
Monticellina sp. C	Polychaeta	6			6.0	6.0	6	6				6
Nephtys cornuta	Polychaeta	1			1.0	1.0	1	1				1
Paraprionospio pinnata	Polychaeta	1			1.0	1.0	1	1				1
Scoletoma tetraura	Polychaeta	1			1.0	1.0	1	1				1
Terebellides californica	Polychaeta	1			1.0	1.0	1	1				1

Benthic Community Data

Nemertea	Nemertea	1	1.0	1.0	1	1	1
	TOTAL INDIVIDUALS	65	65.0	65.0	65	65	65
	TOTAL SPECIES	18	18.0	18.0	18	18	18
	TOTAL CRUST. INDIV.	3	3.0	3.0	3	3	3
	TOTAL CRUST. SP.	2	2.0	2.0	2	2	2
	GAMMARID INDIV.	0	0.0	0.0	0	0	0
	GAMMARID SP.	0	0.0	0.0	0	0	0
	OTHER CRUSTACEAN INDIV.	3	3.0	3.0	3	3	3
	OTHER CRUSTACEAN SP.	2	2.0	2.0	2	2	2
	TOTAL ECHINODERM INDIV.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM SP.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC INDIV.	2	2.0	2.0	2	2	2
	TOTAL MOLLUSC SP.	2	2.0	2.0	2	2	2
	TOTAL POLYCHAETE INDIV.	59	59.0	59.0	59	59	59
	TOTAL POLYCHAETE SP.	13	13.0	13.0	13	13	13

STANUM STATION IDORG DATE LEG
 40018.3 LONG BEACH OUTER HAR.-18 REF3 886 08/05/93 22

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Diastylis sp.	Cumacea	1			1.0	1.0	1	1				1
Euphilomedes carcharodonta	Ostracoda	1			1.0	1.0	1	1				1
Theora fragilis	Bivalvia	1			1.0	1.0	1	1				1
Aglaja sp.	Gastropoda	1			1.0	1.0	1	1				1
Cossura candida	Polychaeta	12			12.0	12.0	12	12				12
Monticellina sp. C	Polychaeta	2			2.0	2.0	2	2				2
Nephtys comuta	Polychaeta	1			1.0	1.0	1	1				1
Nemertea	Nemertea	1			1.0	1.0	1	1				1
	TOTAL INDIVIDUALS	20			20.0	20.0	20	20				20
	TOTAL SPECIES	8	8		8.0	8.0	8	8				8
	TOTAL CRUST. INDIV.	2	2		2.0	2.0	2	2				2
	TOTAL CRUST. SP.	2	2		2.0	2.0	2	2				2
	GAMMARID INDIV.	0			0.0	0.0	0	0				0
	GAMMARID SP.	0			0.0	0.0	0	0				0
	OTHER CRUSTACEAN INDIV.	2			2.0	2.0	2	2				2
	OTHER CRUSTACEAN SP.	2			2.0	2.0	2	2				2
	TOTAL ECHINODERM INDIV.	0			0.0	0.0	0	0				0
	TOTAL ECHINODERM SP.	0			0.0	0.0	0	0				0

Benthic Community Data

TOTAL MOLLUSC INDIV.		2	2.0	2.0	2	2	2
TOTAL MOLLUSC SP.	2	2	2.0	2.0	2	2	2
TOTAL POLYCHAETE INDIV.		15	15.0	15.0	15	15	15
TOTAL POLYCHAETE SP.	3	3	3.0	3.0	3	3	3

STANUM	STATION	IDORG	DATE	LEG
40031.2	PALOS VERDES (SWARTZ 6)-REF 1	1002	08/19/93	23

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Eudorella pacifica	Cumacea	1			1.0	1.0	1	1				1
Euphilomedes carcharodonta	Ostracoda	1			1.0	1.0	1	1				1
Euphilomedes producta	Ostracoda	10			10.0	10.0	10	10				10
Ophiuroid	Ophiuroidea	1			1.0	1.0	1	1				1
Parvilucina tenuisculpta	Bivalvia	2			2.0	2.0	2	2				2
Aphelochaeta multifilis	Polychaeta	1			1.0	1.0	1	1				1
Eranno lagunae	Polychaeta	1			1.0	1.0	1	1				1
Goniada brunnea	Polychaeta	2			2.0	2.0	2	2				2
Prionospio steenstrupi	Polychaeta	3			3.0	3.0	3	3				3
Spiophanes berkeleyorum	Polychaeta	1			1.0	1.0	1	1				1
Spiophanes missionensis	Polychaeta	5			5.0	5.0	5	5				5
Sthenelais tertagliabra	Polychaeta	1			1.0	1.0	1	1				1
Nemertea	Nemertea	1			1.0	1.0	1	1				1
	TOTAL INDIVIDUALS			30	30.0	30.0	30	30				30
	TOTAL SPECIES	13	13		13.0	13.0	13	13				13
	TOTAL CRUST. INDIV.			12	12.0	12.0	12	12				12
	TOTAL CRUST. SP.	3	3		3.0	3.0	3	3				3
	GAMMARID INDIV.			0	0.0	0.0	0	0				0
	GAMMARID SP.	0	0		0.0	0.0	0	0				0
	OTHER CRUSTACEAN INDIV.			12	12.0	12.0	12	12				12
	OTHER CRUSTACEAN SP.	3	3		3.0	3.0	3	3				3
	TOTAL ECHINODERM INDIV.			1	1.0	1.0	1	1				1
	TOTAL ECHINODERM SP.	1	1		1.0	1.0	1	1				1
	TOTAL MOLLUSC INDIV.			2	2.0	2.0	2	2				2
	TOTAL MOLLUSC SP.	1	1		1.0	1.0	1	1				1
	TOTAL POLYCHAETE INDIV.			14	14.0	14.0	14	14				14
	TOTAL POLYCHAETE SP.	7	7		7.0	7.0	7	7				7

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40031.2	PALOS VERDES (SWARTZ 6)-REF 2	1003	08/19/93	23

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Marphysa disjuncta	Gammaridea	1			1.0	1.0	1	1				1
Corophium heteroceratum	Gammaridea	1			1.0	1.0	1	1				1
Heterophoxus oculus	Gammaridea	1			1.0	1.0	1	1				1
Euphilomedes carcharodonta	Ostracoda	1			1.0	1.0	1	1				1
Ophiuroid	Ophiuroidea	1			1.0	1.0	1	1				1
Parvilucina tenuisculpta	Bivalvia	2			2.0	2.0	2	2				2
Pectinaria californiensis	Bivalvia	1			1.0	1.0	1	1				1
Ampelisca hancocki	Polychaeta	1			1.0	1.0	1	1				1
Eranno lagunae	Polychaeta	1			1.0	1.0	1	1				1
Glycera nana	Polychaeta	2			2.0	2.0	2	2				2
Myriochele sp. M	Polychaeta	1			1.0	1.0	1	1				1
Pista alata	Polychaeta	1			1.0	1.0	1	1				1
Prionospio steenstrupi	Polychaeta	2			2.0	2.0	2	2				2
Spiophanes missionensis	Polychaeta	3			3.0	3.0	3	3				3
	TOTAL INDIVIDUALS		19		19.0	19.0	19	19				19
	TOTAL SPECIES	14	14		14.0	14.0	14	14				14
	TOTAL CRUST. INDIV.		4		4.0	4.0	4	4				4
	TOTAL CRUST. SP.	4	4		4.0	4.0	4	4				4
	GAMMARID INDIV.		3		3.0	3.0	3	3				3
	GAMMARID SP.	3	3		3.0	3.0	3	3				3
	OTHER CRUSTACEAN INDIV.		1		1.0	1.0	1	1				1
	OTHER CRUSTACEAN SP.	1	1		1.0	1.0	1	1				1
	TOTAL ECHINODERM INDIV.		1		1.0	1.0	1	1				1
	TOTAL ECHINODERM SP.	1	1		1.0	1.0	1	1				1
	TOTAL MOLLUSC INDIV.		3		3.0	3.0	3	3				3
	TOTAL MOLLUSC SP.	2	2		2.0	2.0	2	2				2
	TOTAL POLYCHAETE INDIV.		11		11.0	11.0	11	11				11
	TOTAL POLYCHAETE SP.	7	7		7.0	7.0	7	7				7

Benthic Community Data

STANUM STATION IDORG DATE LEG
 40031.2 PALOS VERDES (SWARTZ 6)-REF 3 1004 08/19/93 23

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Munnogonium californiensis	Isopoda	1			1.0	1.0	1	1				1
Euphilomedes producta	Ostracoda	16			16.0	16.0	16	16				16
Ophiuroid	Ophiuroidea	3			3.0	3.0	3	3				3
Parvilucina tenuisculpta	Bivalvia	8			8.0	8.0	8	8				8
Cossura candida	Polychaeta	1			1.0	1.0	1	1				1
Glycera nana	Polychaeta	1			1.0	1.0	1	1				1
Mediomastus californiensis	Polychaeta	1			1.0	1.0	1	1				1
Paraprionospio pinnata	Polychaeta	1			1.0	1.0	1	1				1
Pholoe glabra	Polychaeta	1			1.0	1.0	1	1				1
Prionospio steenstrupi	Polychaeta	1			1.0	1.0	1	1				1
Tenonia priops	Polychaeta	1			1.0	1.0	1	1				1
Terebellidae, unident.	Polychaeta	1			1.0	1.0	1	1				1
Terebellides californica	Polychaeta	1			1.0	1.0	1	1				1
Nemertea	Nemertea	1			1.0	1.0	1	1				1
	TOTAL INDIVIDUALS			38	38.0	38.0	38	38				38
	TOTAL SPECIES	14	14		14.0	14.0	14	14				14
	TOTAL CRUST. INDIV.		17		17.0	17.0	17	17				17
	TOTAL CRUST. SP.	2	2		2.0	2.0	2	2				2
	GAMMARID INDIV.		0		0.0	0.0	0	0				0
	GAMMARID SP.	0	0		0.0	0.0	0	0				0
	OTHER CRUSTACEAN INDIV.		17		17.0	17.0	17	17				17
	OTHER CRUSTACEAN SP.	2	2		2.0	2.0	2	2				2
	TOTAL ECHINODERM INDIV.		3		3.0	3.0	3	3				3
	TOTAL ECHINODERM SP.	1	1		1.0	1.0	1	1				1
	TOTAL MOLLUSC INDIV.		8		8.0	8.0	8	8				8
	TOTAL MOLLUSC SP.	1	1		1.0	1.0	1	1				1
	TOTAL POLYCHAETE INDIV.		9		9.0	9.0	9	9				9
	TOTAL POLYCHAETE SP.	9	9		9.0	9.0	9	9				9

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG								
40010.1	OFF CABRILLO BEACH-REF 1	1006	08/19/93	23								
SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Amphideutopus oculatus	Gammaridea	4			4.0	4.0	4	4				4
Corophium heteroceratum	Gammaridea	7			7.0	7.0	7	7				7
Listriella goleta	Gammaridea	2			2.0	2.0	2	2				2
Euphilomedes carcharodonta	Ostracoda	10			10.0	10.0	10	10				10
Macoma cf yoldiformis	Bivalvia	1			1.0	1.0	1	1				1
Chaetozone corona	Polychaeta	1			1.0	1.0	1	1				1
Cossura candida	Polychaeta	50			50.0	50.0	50	50				50
Leitoscoloplos pugettensis	Polychaeta	1			1.0	1.0	1	1				1
Lumbrineridae, unident.	Polychaeta	1			1.0	1.0	1	1				1
Mediomastus californiensis	Polychaeta	11			11.0	11.0	11	11				11
Nephtys caecoides	Polychaeta	1			1.0	1.0	1	1				1
Nephtys cornuta	Polychaeta	1			1.0	1.0	1	1				1
Paraprionospio pinnata	Polychaeta	1			1.0	1.0	1	1				1
Pseudopolydora paucibranchiata	Polychaeta	2			2.0	2.0	2	2				2
	TOTAL INDIVIDUALS	93			93.0	93.0	93	93				93
	TOTAL SPECIES	14	14		14.0	14.0	14	14				14
	TOTAL CRUST. INDIV.	23			23.0	23.0	23	23				23
	TOTAL CRUST. SP.	4	4		4.0	4.0	4	4				4
	GAMMARID INDIV.	13			13.0	13.0	13	13				13
	GAMMARID SP.	3	3		3.0	3.0	3	3				3
	OTHER CRUSTACEAN INDIV.	10			10.0	10.0	10	10				10
	OTHER CRUSTACEAN SP.	1	1		1.0	1.0	1	1				1
	TOTAL ECHINODERM INDIV.	0			0.0	0.0	0	0				0
	TOTAL ECHINODERM SP.	0	0		0.0	0.0	0	0				0
	TOTAL MOLLUSC INDIV.	1			1.0	1.0	1	1				1
	TOTAL MOLLUSC SP.	1	1		1.0	1.0	1	1				1
	TOTAL POLYCHAETE INDIV.	69			69.0	69.0	69	69				69
	TOTAL POLYCHAETE SP.	9	9		9.0	9.0	9	9				9

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STANUM	STATION	IDORG	DATE	LEG
40010.2	OFF CABRILLO BEACH-REF 2	1007	08/19/93	23

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Gammaridea	1			1.0	1.0	1	1				1
Corophium heteroceratum	Gammaridea	4			4.0	4.0	4	4				4
Euphilomedes carcharodonta	Ostracoda	2			2.0	2.0	2	2				2
Theora fragilis	Bivalvia	1			1.0	1.0	1	1				1
Olivella baetica	Gastropoda	1			1.0	1.0	1	1				1
Cossura candida	Polychaeta	11			11.0	11.0	11	11				11
Eranno lagunae	Polychaeta	1			1.0	1.0	1	1				1
Mediomastus californiensis	Polychaeta	3			3.0	3.0	3	3				3
	TOTAL INDIVIDUALS	24			24.0	24.0	24	24				24
	TOTAL SPECIES	8	8		8.0	8.0	8	8				8
	TOTAL CRUST. INDIV.	7			7.0	7.0	7	7				7
	TOTAL CRUST. SP.	3	3		3.0	3.0	3	3				3
	GAMMARID INDIV.	5			5.0	5.0	5	5				5
	GAMMARID SP.	2	2		2.0	2.0	2	2				2
	OTHER CRUSTACEAN INDIV.	2			2.0	2.0	2	2				2
	OTHER CRUSTACEAN SP.	1	1		1.0	1.0	1	1				1
	TOTAL ECHINODERM INDIV.	0			0.0	0.0	0	0				0
	TOTAL ECHINODERM SP.	0	0		0.0	0.0	0	0				0
	TOTAL MOLLUSC INDIV.	2			2.0	2.0	2	2				2
	TOTAL MOLLUSC SP.	2	2		2.0	2.0	2	2				2
	TOTAL POLYCHAETE INDIV.	15			15.0	15.0	15	15				15
	TOTAL POLYCHAETE SP.	3	3		3.0	3.0	3	3				3

STANUM	STATION	IDORG	DATE	LEG
40010.3	OFF CABRILLO BEACH-REF 3	1008	08/19/93	23

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Amphideutopus oculatus	Gammaridea	6			6.0	6.0	6	6				6
Grandidierella japonica	Gammaridea	2			2.0	2.0	2	2				2
Mayerella banksia	Gammaridea	1			1.0	1.0	1	1				1
Rudilemboides stenopropodus	Gammaridea	1			1.0	1.0	1	1				1
Lophopanopeus bellus diegensis	Decapoda	1			1.0	1.0	1	1				1
Neotrypaea californiensis	Decapoda	1			1.0	1.0	1	1				1

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Corophium heteroceratum	Gammaridea	1	1.0	1.0	1	1	1
Listriella goleta	Gammaridea	2	2.0	2.0	2	2	2
Euphilomedes carcharodonta	Ostracoda	32	32.0	32.0	32	32	32
Cossura candida	Polychaeta	28	28.0	28.0	28	28	28
Mediomastus californiensis	Polychaeta	7	7.0	7.0	7	7	7
Nephtys caecoides	Polychaeta	1	1.0	1.0	1	1	1
Prionospio lighti	Polychaeta	6	6.0	6.0	6	6	6
	TOTAL INDIVIDUALS	89	89.0	89.0	89	89	89
	TOTAL SPECIES	13	13.0	13.0	13	13	13
	TOTAL CRUST. INDIV.	47	47.0	47.0	47	47	47
	TOTAL CRUST. SP.	9	9.0	9.0	9	9	9
	GAMMARID INDIV.	13	13.0	13.0	13	13	13
	GAMMARID SP.	6	6.0	6.0	6	6	6
	OTHER CRUSTACEAN INDIV.	34	34.0	34.0	34	34	34
	OTHER CRUSTACEAN SP.	3	3.0	3.0	3	3	3
	TOTAL ECHINODERM INDIV.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM SP.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC INDIV.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC SP.	0	0.0	0.0	0	0	0
	TOTAL POLYCHAETE INDIV.	42	42.0	42.0	42	42	42
	TOTAL POLYCHAETE SP.	4	4.0	4.0	4	4	4

STANUM	STATION	IDORG	DATE	LEG
44014	MARINA DEL REY	1630	06/19/96	45

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	1	0	4	1.7	2.0	0	4	2.1	1.2	4.7	5
Grandidierella japonica	Gammaridea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paramicrodentopus schmitti	Gammaridea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Capitella capitata	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Cauteriella pacifica	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Cirrifornia moorei	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Dorvillea longicornis	Polychaeta	3	1	6	3.3	3.5	1	6	2.5	1.5	5.7	10
Dorvillea spp. juv.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	1	0	5	2.0	2.5	0	5	2.6	1.5	6.0	6
Mediomastus californiensis	Polychaeta	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Neanthes acuminata	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Polydora cornuta	Polychaeta	7	1	5	4.3	4.0	1	7	3.1	1.8	6.9	13

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Pseudopolydora paucibranchiata	Polychaeta	2	0	3	1.7	1.5	0	3	1.5	0.9	3.4	5	
Scolecipis texana	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Streblospio benedicti	Polychaeta	9	5	12	8.7	8.5	5	12	3.5	2.0	7.9	26	
Cossura pygodactylata	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mediomastus sp(p)	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Scoletoma tetraura	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Syllides reishi	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nemertea	Nemertea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Oligochaeta	Oligochaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Phoronida	Phoronida	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	39	9	39	29.0	24.0	9	39	17.3	10.0	39.0	87	
	TOTAL SPECIES	22	16	5	10	10.3	10.5	5	16	5.5	3.2	12.4	31
	TOTAL CRUST. INDIV.	2	1	4	2.3	2.5	1	4	1.5	0.9	3.4	7	
	TOTAL CRUST. SP.	3	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	GAMMARID INDIV.	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
	GAMMARID SP.	2	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.	1	0	4	1.7	2.0	0	4	2.1	1.2	4.7	5	
	OTHER CRUSTACEAN SP.	1	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL POLYCHAETE INDIV.	35	7	35	25.7	21.0	7	35	16.2	9.3	36.4	77	
	TOTAL POLYCHAETE SP.	16	12	3	9	8.0	7.5	3	12	4.6	2.6	10.3	24

STANUM	STATION	IDORG	DATE	LEG
44020	SHORELINE MARINA	1631	06/20/96	45

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Corophium heteroceratum	Gammaridea	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Cossura candida	Polychaeta	7	1	0	2.7	3.5	0	7	3.8	2.2	8.5	8	
Dorvillea spp. juv.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Harmothoinae, unident.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Monticellina siblina	Polychaeta	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3	
Streblospio benedicti	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Podarkeopsis glabrus	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	16	1	0	5.7	8.0	0	16	9.0	5.2	20.2	17	
	TOTAL SPECIES	7	7	1	0	2.7	3.5	0	7	3.8	2.2	8.5	8

Benthic Community Data

TOTAL CRUST. INDIV.		2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
TOTAL CRUST. SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
GAMMARID INDIV.		2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
GAMMARID SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL POLYCHAETE INDIV.		14	1	0	5.0	7.0	0	14	7.8	4.5	17.6	15
TOTAL POLYCHAETE SP.	6	6	1	0	2.3	3.0	0	6	3.2	1.9	7.2	7

STANUM STATION IDORG DATE LEG
40012 SOUTHEAST BASIN 1632 06/20/96 45

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Pinnixa sp.	Decapoda	0	1	5	2.0	2.5	0	5	2.6	1.5	6.0	6
Amphideutopus oculatus	Gammaridea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium heteroceratum	Gammaridea	5	3	9	5.7	6.0	3	9	3.1	1.8	6.9	17
Listriella sp.	Gammaridea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Gnathia sp.	Isopoda	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Cooperella sp.	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Siliqua sp.	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Philine sp.	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta glandaria	Polychaeta	8	2	3	4.3	5.0	2	8	3.2	1.9	7.2	13
Chaetozone corona	Polychaeta	2	1	6	3.0	3.5	1	6	2.6	1.5	6.0	9
Cossura candida	Polychaeta	15	4	6	8.3	9.5	4	15	5.9	3.4	13.2	25
Euchone limnicola	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera capitata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Monticellina cryptica	Polychaeta	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Monticellina siblina	Polychaeta	9	8	8	8.3	8.5	8	9	0.6	0.3	1.3	25
Nephtys cornuta	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pholoe glabra	Polychaeta	1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
Prionospio steenstrupi	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Spiophanes duplex	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

Benthic Community Data

Tenonia priops	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amage anops	Polychaete	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
Aphelochaeta monilaris	Polychaete	0	2	5	2.3	2.5	0	5	2.5	1.5	5.7	7
Euclymeninae, unident.	Polychaete	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Harmothoinae, unident.	Polychaete	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Levinsenia gracilis	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Monicellina cryptica	Polychaete	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Paraprionospio pinnata	Polychaete	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Pista alata	Polychaete	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Scoletoma tetraura	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Spiophanes berkeleyorum	Polychaete	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL INDIVIDUALS	55	34	57	48.7	45.5	34	57	12.7	7.4	28.7	146
	TOTAL SPECIES	32	18	17	17.3	17.5	17	18	0.6	0.3	1.3	52
	TOTAL CRUST. INDIV.		6	6	9.0	10.5	6	15	5.2	3.0	11.7	27
	TOTAL CRUST. SP.	5	2	3	2.7	2.5	2	3	0.6	0.3	1.3	8
	GAMMARID INDIV.		6	3	6.3	6.5	3	10	3.5	2.0	7.9	19
	GAMMARID SP.	3	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
	OTHER CRUSTACEAN INDIV.		0	3	2.7	2.5	0	5	2.5	1.5	5.7	8
	OTHER CRUSTACEAN SP.	2	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
	TOTAL MOLLUSC SP.	4	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
	TOTAL POLYCHAETE INDIV.		47	26	37.7	36.5	26	47	10.7	6.2	24.1	113
	TOTAL POLYCHAETE SP.	23	14	12	13.0	13.0	12	14	1.0	0.6	2.3	39

STANUM	STATION	IDORG	DATE	LEG
47001	CONSOLIDATED SLIP-198-SURFACE	1647	07/17/96	46

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Pinnixidae	Decapoda	1			1.0	1.0	1	1				1
Listriella sp.	Gammaridea	1			1.0	1.0	1	1				1
Theora fragilis	Bivalvia	2			2.0	2.0	2	2				2
Aphelochaeta monilaris	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta sp(p)	Polychaeta	12			12.0	12.0	12	12				12
Cossura candida	Polychaeta	148			148.0	148.0	148	148				148
Cossura pygodactylata	Polychaeta	54			54.0	54.0	54	54				54
Dorvillea longicornis	Polychaeta	2			2.0	2.0	2	2				2

Benthic Community Data

Euchone limnicola	Polychaeta	22	22.0	22.0	22	22	22
Laonice cirrata	Polychaeta	1	1.0	1.0	1	1	1
Leitoscoloplos pugettensis	Polychaeta	3	3.0	3.0	3	3	3
Mediomastus californiensis	Polychaeta	3	3.0	3.0	3	3	3
Monticellina cryptica	Polychaeta	2	2.0	2.0	2	2	2
Monticellina sibfina	Polychaeta	16	16.0	16.0	16	16	16
Nephtys cornuta	Polychaeta	20	20.0	20.0	20	20	20
Scoletoma tetraura	Polychaeta	1	1.0	1.0	1	1	1
Spiophanes berkeleyorum	Polychaeta	2	2.0	2.0	2	2	2
Nemertea	Nemertea	2	2.0	2.0	2	2	2
Oligochaeta	Oligochaeta	1	1.0	1.0	1	1	1
	TOTAL INDIVIDUALS	294	294.0	294.0	294	294	294
	TOTAL SPECIES	19	19.0	19.0	19	19	19
	TOTAL CRUST. INDIV.	2	2.0	2.0	2	2	2
	TOTAL CRUST. SP.	2	2.0	2.0	2	2	2
	GAMMARID INDIV.	1	1.0	1.0	1	1	1
	GAMMARID SP.	1	1.0	1.0	1	1	1
	OTHER CRUSTACEAN INDIV.	1	1.0	1.0	1	1	1
	OTHER CRUSTACEAN SP.	1	1.0	1.0	1	1	1
	TOTAL ECHINODERM INDIV.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM SP.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC INDIV.	2	2.0	2.0	2	2	2
	TOTAL MOLLUSC SP.	1	1.0	1.0	1	1	1
	TOTAL POLYCHAETE INDIV.	287	287.0	287.0	287.0	287.0	287.0
	TOTAL POLYCHAETE SP.	14	14.0	14.0	14	14	14

STANUM	STATION	IDORG	DATE	LEG
47002	CONSOLIDATED SLIP-200-SURFACE	1650	07/17/96	46

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Theora fragilis	Bivalvia	4			4.0	4.0	4	4				4
Amphicteis scaphobranchiata	Polychaeta	2			2.0	2.0	2	2				2
Aphelochaeta monilaris	Polychaeta	1			1.0	1.0	1	1				1
Aphelochaeta sp(p)	Polychaeta	8			8.0	8.0	8	8				8
Cossura candida	Polychaeta	168			168.0	168.0	168	168				168
Cossura pygodactylata	Polychaeta	128			128.0	128.0	128	128				128
Dorvillea longicornis	Polychaeta	1			1.0	1.0	1	1				1
Euchone limnicola	Polychaeta	25			25.0	25.0	25	25				25

Benthic Community Data

Mediomastus californiensis	Polychaeta	6	6.0	6.0	6	6	6
Monticellina cryptica	Polychaeta	2	2.0	2.0	2	2	2
Monticellina siblina	Polychaeta	12	12.0	12.0	12	12	12
Nephtys cornuta	Polychaeta	9	9.0	9.0	9	9	9
Paraprionospio pinnata	Polychaeta	1	1.0	1.0	1	1	1
Spiophanes berkeleyorum	Polychaeta	1	1.0	1.0	1	1	1
Nemertea	Nemertea	2	2.0	2.0	2	2	2
Oligochaeta	Oligochaeta	102	102.0	102.0	102	102	102
	TOTAL INDIVIDUALS	472	472.0	472.0	472	472	472
	TOTAL SPECIES	16	16.0	16.0	16	16	16
	TOTAL CRUST. INDIV.	0	0.0	0.0	0	0	0
	TOTAL CRUST. SP.	0	0.0	0.0	0	0	0
	GAMMARID INDIV.	0	0.0	0.0	0	0	0
	GAMMARID SP.	0	0.0	0.0	0	0	0
	OTHER CRUSTACEAN INDIV.	0	0.0	0.0	0	0	0
	OTHER CRUSTACEAN SP.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM INDIV.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM SP.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC INDIV.	4	4.0	4.0	4	4	4
	TOTAL MOLLUSC SP.	1	1.0	1.0	1	1	1
	TOTAL POLYCHAETE INDIV.	364	364.0	364.0	364	364	364
	TOTAL POLYCHAETE SP.	13	13.0	13.0	13	13	13

STANUM	STATION	IDORG	DATE	LEG
47003	CONSOLIDATED SLIP-200B-SURFACE	1653	07/17/96	46

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Zeuxo normani	Tanaidacea	1			1.0	1.0	1	1				1
Theora fragilis	Bivalvia	2			2.0	2.0	2	2				2
Aphelochaeta sp(p)	Polychaeta	2			2.0	2.0	2	2				2
Chaetozone corona	Polychaeta	1			1.0	1.0	1	1				1
Cossura candida	Polychaeta	32			32.0	32.0	32	32				32
Cossura pygodactylata	Polychaeta	24			24.0	24.0	24	24				24
Dorvillea longicornis	Polychaeta	5			5.0	5.0	5	5				5
Euchone limnicola	Polychaeta	5			5.0	5.0	5	5				5
Leitoscoloplos pugettensis	Polychaeta	1			1.0	1.0	1	1				1
Malmgreniella macginitiei	Polychaeta	1			1.0	1.0	1	1				1
Mediomastus ambiseta	Polychaeta	1			1.0	1.0	1	1				1

Benthic Community Data

Nephtys cornuta	Polychaeta	6	6.0	6.0	6	6	6
Paraprionospio pinnata	Polychaeta	1	1.0	1.0	1	1	1
Pista alata	Polychaeta	1	1.0	1.0	1	1	1
Polydora cornuta	Polychaeta	1	1.0	1.0	1	1	1
Prionospio heterobranchia	Polychaeta	1	1.0	1.0	1	1	1
Scoletoma zonata	Polychaeta	1	1.0	1.0	1	1	1
Spiophanes duplex	Polychaeta	5	5.0	5.0	5	5	5
Nemertea	Nemertea	3	3.0	3.0	3	3	3
Oligochaeta	Oligochaeta	51	51.0	51.0	51	51	51
Platyhelminthes	Platyhelminthes	2	2.0	2.0	2	2	2
	TOTAL INDIVIDUALS	147	147.0	147.0	147	147	147
	TOTAL SPECIES	21	21.0	21.0	21	21	21
	TOTAL CRUST. INDIV.	1	1.0	1.0	1	1	1
	TOTAL CRUST. SP.	1	1.0	1.0	1	1	1
	GAMMARID INDIV.	0	0.0	0.0	0	0	0
	GAMMARID SP.	0	0.0	0.0	0	0	0
	OTHER CRUSTACEAN INDIV.	1	1.0	1.0	1	1	1
	OTHER CRUSTACEAN SP.	1	1.0	1.0	1	1	1
	TOTAL ECHINODERM INDIV.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM SP.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC INDIV.	2	2.0	2.0	2	2	2
	TOTAL MOLLUSC SP.	1	1.0	1.0	1	1	1
	TOTAL POLYCHAETE INDIV.	88	88.0	88.0	88	88	88
	TOTAL POLYCHAETE SP.	16	16.0	16.0	16	16	16

STANUM	STATION	IDORG	DATE	LEG
47004	CONSOLIDATED SLIP-200E-SURFACE	1656	07/17/96	46

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Grandidierella japonica	Gammaridea	10			10.0	10.0	10	10				10
Zeuxo normani	Tanaidacea	1			1.0	1.0	1	1				1
Armandia brevis	Polychaeta	4			4.0	4.0	4	4				4
Dorvillea longicornis	Polychaeta	33			33.0	33.0	33	33				33
Euchone limnicola	Polychaeta	1			1.0	1.0	1	1				1
Monticellina siblina	Polychaeta	2			2.0	2.0	2	2				2
Neanthes acuminata	Polychaeta	1			1.0	1.0	1	1				1
Nephtys cornuta	Polychaeta	9			9.0	9.0	9	9				9
Nereis procera	Polychaeta	1			1.0	1.0	1	1				1

Benthic Community Data

Prionospio heterobranchia	Polychaeta	1	1.0	1.0	1	1	1
Pseudopolydora paucibranchiata	Polychaeta	2	2.0	2.0	2	2	2
Oligochaeta	Oligochaeta	5	5.0	5.0	5	5	5
	TOTAL INDIVIDUALS	70	70.0	70.0	70	70	70
	TOTAL SPECIES	12	12.0	12.0	12	12	12
	TOTAL CRUST. INDIV.	11	11.0	11.0	11	11	11
	TOTAL CRUST. SP.	2	2.0	2.0	2	2	2
	GAMMARID INDIV.	10	10.0	10.0	10	10	10
	GAMMARID SP.	1	1.0	1.0	1	1	1
	OTHER CRUSTACEAN INDIV.	1	1.0	1.0	1	1	1
	OTHER CRUSTACEAN SP.	1	1.0	1.0	1	1	1
	TOTAL ECHINODERM INDIV.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM SP.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC INDIV.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC SP.	0	0.0	0.0	0	0	0
	TOTAL POLYCHAETE INDIV.	54	54.0	54.0	54	54	54
	TOTAL POLYCHAETE SP.	9	9.0	9.0	9	9	9

STANUM	STATION	IDORG	DATE	LEG
47005	CONSOLIDATED SLIP-200T-SURFACE	1659	07/17/96	46

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Corophium sp.	Gammaridea	100			100.0	100.0	100	100				100
Grandidierella japonica	Gammaridea	228			228.0	228.0	228	228				228
Anthuridae	Isopoda	3			3.0	3.0	3	3				3
Zeuxo normani	Tanaidacea	480			480.0	480.0	480	480				480
Macoma sp.	Bivalvia	7			7.0	7.0	7	7				7
Protothaca sp.	Bivalvia	5			5.0	5.0	5	5				5
Olivella pycna	Gastropoda	1			1.0	1.0	1	1				1
Capitella capitata	Polychaeta	203			203.0	203.0	203	203				203
Cirriformia moorei	Polychaeta	10			10.0	10.0	10	10				10
Dorvillea longicornis	Polychaeta	24			24.0	24.0	24	24				24
Eunicidae, unident.	Polychaeta	3			3.0	3.0	3	3				3
Neanthes acuminata	Polychaeta	5			5.0	5.0	5	5				5
Parugia caeca	Polychaeta	2			2.0	2.0	2	2				2
Platynereis bicanaliculata	Polychaeta	1			1.0	1.0	1	1				1
Prionospio heterobranchia	Polychaeta	3			3.0	3.0	3	3				3
Pseudopolydora paucibranchiata	Polychaeta	117			117.0	117.0	117	117				117

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Scoletoma zonata	Polychaeta	1	1.0	1.0	1	1	1
Scoletoma zonata	Polychaeta	2	2.0	2.0	2	2	2
Typosyllis pulchra	Polychaeta	1	1.0	1.0	1	1	1
	TOTAL INDIVIDUALS	1196	1196.0	1196.0	1196	1196	1196
	TOTAL SPECIES	19	19.0	19.0	19	19	19
	TOTAL CRUST. INDIV.	811	811.0	811.0	811	811	811
	TOTAL CRUST. SP.	4	4.0	4.0	4	4	4
	GAMMARID INDIV.	328	328.0	328.0	328	328	328
	GAMMARID SP.	2	2.0	2.0	2	2	2
	OTHER CRUSTACEAN INDIV.	483	483.0	483.0	483	483	483
	OTHER CRUSTACEAN SP.	2	2.0	2.0	2	2	2
	TOTAL ECHINODERM INDIV.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM SP.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC INDIV.	13	13.0	13.0	13	13	13
	TOTAL MOLLUSC SP.	3	3.0	3.0	3	3	3
	TOTAL POLYCHAETE INDIV.	372	372.0	372.0	372	372	372
	TOTAL POLYCHAETE SP.	12	12.0	12.0	12	12	12

STANUM	STATION	IDORG	DATE	LEG
47007	CONSOLIDATED SLIP-END-SURFACE	1662	07/18/96	46

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Corophium sp.	Gammaridea	199			199.0	199.0	199	199				199
Grandidierella japonica	Gammaridea	268			268.0	268.0	268	268				268
Melphisana bola	Gammaridea	4			4.0	4.0	4	4				4
Gnorimosphaeroma sp.	Isopoda	1			1.0	1.0	1	1				1
Zeuxo normani	Tanaidacea	55			55.0	55.0	55	55				55
Theora fragilis	Bivalvia	4			4.0	4.0	4	4				4
Armandia brevis	Polychaeta	1			1.0	1.0	1	1				1
Capitella capitata	Polychaeta	69			69.0	69.0	69	69				69
Dorvillea longicornis	Polychaeta	34			34.0	34.0	34	34				34
Euchone limnicola	Polychaeta	9			9.0	9.0	9	9				9
Eumida longicornata	Polychaeta	1			1.0	1.0	1	1				1
Mediomastus californiensis	Polychaeta	1			1.0	1.0	1	1				1
Monticellina siblina	Polychaeta	1			1.0	1.0	1	1				1
Neanthes acuminata	Polychaeta	5			5.0	5.0	5	5				5
Polydora cornuta	Polychaeta	11			11.0	11.0	11	11				11
Prionospio heterobranchia	Polychaeta	2			2.0	2.0	2	2				2

Benthic Community Data

Pseudopolydora paucibranchiata	Polychaeta	206	206.0	206.0	206	206	206
Scoletoma zonata	Polychaeta	1	1.0	1.0	1	1	1
Sphaerosyllis ranunculus	Polychaeta	1	1.0	1.0	1	1	1
Nemertea	Nemertea	1	1.0	1.0	1	1	1
Oligochaeta	Oligochaeta	23	23.0	23.0	23	23	23
	TOTAL INDIVIDUALS	897	897.0	897.0	897	897	897
	TOTAL SPECIES	21	21.0	21.0	21	21	21
	TOTAL CRUST. INDIV.	527	527.0	527.0	527	527	527
	TOTAL CRUST. SP.	5	5.0	5.0	5	5	5
	GAMMARID INDIV.	471	471.0	471.0	471	471	471
	GAMMARID SP.	3	3.0	3.0	3	3	3
	OTHER CRUSTACEAN INDIV.	56	56.0	56.0	56	56	56
	OTHER CRUSTACEAN SP.	2	2.0	2.0	2	2	2
	TOTAL ECHINODERM INDIV.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM SP.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC INDIV.	4	4.0	4.0	4	4	4
	TOTAL MOLLUSC SP.	1	1.0	1.0	1	1	1
	TOTAL POLYCHAETE INDIV.	342	342.0	342.0	342	342	342
	TOTAL POLYCHAETE SP.	13	13.0	13.0	13	13	13

STANUM	STATION	IDORG	DATE	LEG
47008	CONSOLIDATED SLIP-STORM DRAIN	1663	07/18/96	46

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Grandierella japonica	Gammaridea	10			10.0	10.0	10	10				10
Melphisana bola	Gammaridea	1			1.0	1.0	1	1				1
Theora fragilis	Bivalvia	2			2.0	2.0	2	2				2
Aphelochaeta sp(p)	Polychaeta	2			2.0	2.0	2	2				2
Armandia brevis	Polychaeta	1			1.0	1.0	1	1				1
Cossura candida	Polychaeta	3			3.0	3.0	3	3				3
Cossura pygodactylata	Polychaeta	52			52.0	52.0	52	52				52
Dorvillea longicornis	Polychaeta	49			49.0	49.0	49	49				49
Euchone limnicola	Polychaeta	17			17.0	17.0	17	17				17
Mediomastus ambiseta	Polychaeta	1			1.0	1.0	1	1				1
Mediomastus sp(p)	Polychaeta	1			1.0	1.0	1	1				1
Monticellina siblina	Polychaeta	5			5.0	5.0	5	5				5
Nephtys cornuta	Polychaeta	12			12.0	12.0	12	12				12
Paraprionospio pinnata	Polychaeta	2			2.0	2.0	2	2				2

Benthic Community Data

Prionospio heterobranchia	Polychaeta	4	4.0	4.0	4	4	4
Pseudopolydora paucibranchiata	Polychaeta	1	1.0	1.0	1	1	1
Scoletoma tetraura	Polychaeta	1	1.0	1.0	1	1	1
Nemertea	Nemertea	1	1.0	1.0	1	1	1
Oligochaeta	Oligochaeta	1	1.0	1.0	1	1	1
	TOTAL INDIVIDUALS	166	166.0	166.0	166	166	166
	TOTAL SPECIES	19	19.0	19.0	19	19	19
	TOTAL CRUST. INDIV.	11	11.0	11.0	11	11	11
	TOTAL CRUST. SP.	2	2.0	2.0	2	2	2
	GAMMARID INDIV.	11	11.0	11.0	11	11	11
	GAMMARID SP.	2	2.0	2.0	2	2	2
	OTHER CRUSTACEAN INDIV.	0	0.0	0.0	0	0	0
	OTHER CRUSTACEAN SP.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM INDIV.	0	0.0	0.0	0	0	0
	TOTAL ECHINODERM SP.	0	0.0	0.0	0	0	0
	TOTAL MOLLUSC INDIV.	2	2.0	2.0	2	2	2
	TOTAL MOLLUSC SP.	1	1.0	1.0	1	1	1
	TOTAL POLYCHAETE INDIV.	151	151.0	151.0	151	151	151
	TOTAL POLYCHAETE SP.	14	14.0	14.0	14	14	14

STANUM	STATION	IDORG	DATE	LEG
47009	CONSOLIDATED SLIP-200G-SURFACE	1664	07/18/96	46

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Grandidierella japonica	Gammaridea	19			19.0	19.0	19	19				19
Capitella capitata	Polychaeta	96			96.0	96.0	96	96				96
Chone spp. juv.	Polychaeta	1			1.0	1.0	1	1				1
Cossura candida	Polychaeta	1			1.0	1.0	1	1				1
Dorvillea longicornis	Polychaeta	12			12.0	12.0	12	12				12
Euchone limnicola	Polychaeta	7			7.0	7.0	7	7				7
Neanthes acuminata	Polychaeta	1			1.0	1.0	1	1				1
Pectinaria californiensis	Polychaeta	1			1.0	1.0	1	1				1
Phyllodoce longipes	Polychaeta	1			1.0	1.0	1	1				1
Polydora cornuta	Polychaeta	5			5.0	5.0	5	5				5
Pseudopolydora paucibranchiata	Polychaeta	6			6.0	6.0	6	6				6
Nemertea	Nemertea	1			1.0	1.0	1	1				1
	TOTAL INDIVIDUALS	151			151.0	151.0	151	151				151
	TOTAL SPECIES	12	12		12.0	12.0	12	12				12

Benthic Community Data

TOTAL CRUST. INDIV.		19	19.0	19.0	19	19	19
TOTAL CRUST. SP.	1	1	1.0	1.0	1	1	1
GAMMARID INDIV.		19	19.0	19.0	19	19	19
GAMMARID SP.	1	1	1.0	1.0	1	1	1
OTHER CRUSTACEAN INDIV.		0	0.0	0.0	0	0	0
OTHER CRUSTACEAN SP.	0	0	0.0	0.0	0	0	0
TOTAL ECHINODERM INDIV.		0	0.0	0.0	0	0	0
TOTAL ECHINODERM SP.	0	0	0.0	0.0	0	0	0
TOTAL MOLLUSC INDIV.		0	0.0	0.0	0	0	0
TOTAL MOLLUSC SP.	0	0	0.0	0.0	0	0	0
TOTAL POLYCHAETE INDIV.		131	131.0	131.0	131	131	131
TOTAL POLYCHAETE SP.	10	10	10.0	10.0	10	10	10

STANUM	STATION	IDORG	DATE	LEG
47010	DOMINGUEZ-H. FORD BRIDGE-SURFC	1665	07/18/96	46

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Corophium sp.	Gammaridea	38			38.0	38.0	38	38				38
Grandidierella japonica	Gammaridea	51			51.0	51.0	51	51				51
Protothaca sp.	Bivalvia	1			1.0	1.0	1	1				1
Armandia brevis	Polychaeta	1			1.0	1.0	1	1				1
Capitella capitata	Polychaeta	28			28.0	28.0	28	28				28
Cirratulus spp. juv.	Polychaeta	4			4.0	4.0	4	4				4
Cirriformia moorei	Polychaeta	5			5.0	5.0	5	5				5
Dorvillea longicornis	Polychaeta	12			12.0	12.0	12	12				12
Euchone limnicola	Polychaeta	3			3.0	3.0	3	3				3
Eunicidae, unident.	Polychaeta	3			3.0	3.0	3	3				3
Monticellina sibilina	Polychaeta	1			1.0	1.0	1	1				1
Naineris dendritica	Polychaeta	1			1.0	1.0	1	1				1
Nereis sp.	Polychaeta	1			1.0	1.0	1	1				1
Polydora cornuta	Polychaeta	5			5.0	5.0	5	5				5
Prionospio heterobranchia	Polychaeta	2			2.0	2.0	2	2				2
Pseudopolydora paucibranchiata	Polychaeta	136			136.0	136.0	136	136				136
Timarete luxuriosa	Polychaeta	1			1.0	1.0	1	1				1
Oligochaeta	Oligochaeta	104			104.0	104.0	104	104				104
	TOTAL INDIVIDUALS	397			397.0	397.0	397	397				397
	TOTAL SPECIES	18	18		18.0	18.0	18	18				18
	TOTAL CRUST. INDIV.	89			89.0	89.0	89	89				89

Benthic Community Data

TOTAL CRUST. SP.	2	2	2.0	2.0	2	2	2
GAMMARID INDIV.		89	89.0	89.0	89	89	89
GAMMARID SP.	2	2	2.0	2.0	2	2	2
OTHER CRUSTACEAN INDIV.		0	0.0	0.0	0	0	0
OTHER CRUSTACEAN SP.	0	0	0.0	0.0	0	0	0
TOTAL ECHINODERM INDIV.		0	0.0	0.0	0	0	0
TOTAL ECHINODERM SP.	0	0	0.0	0.0	0	0	0
TOTAL MOLLUSC INDIV.		1	1.0	1.0	1	1	1
TOTAL MOLLUSC SP.	1	1	1.0	1.0	1	1	1
TOTAL POLYCHAETE INDIV.		203	203.0	203.0	203	203	203
TOTAL POLYCHAETE SP.	14	14	14.0	14.0	14	14	14

STANUM	STATION	IDORG	DATE	LEG
48001	MARINA DEL REY- A1 (X1)	1686	02/05/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Caprella sp.	Caprellida	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Bemlos concavus	Gammaridea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Gammaridea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Anthuridae	Isopoda	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Transennella tantilla	Bivalvia	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Acteocina sp.	Gastropoda	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Dorvillea longicornis	Polychaete	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
Euchone limnicola	Polychaete	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Exogone lourei	Polychaete	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Leitoscoloplos pugettensis	Polychaete	4	7	3	4.7	5.0	3	7	2.1	1.2	4.7	14
Lumbrineridae spp. juv.	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus ambiseta	Polychaete	3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5
Mediomastus sp(p)	Polychaete	1	10	0	3.7	5.0	0	10	5.5	3.2	12.4	11
Neanthes acuminata	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Polydora cornuta	Polychaete	0	3	1	1.3	1.5	0	3	1.5	0.9	3.4	4
Prionospio heterobranchia	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Pseudopolydora paucibranchiata	Polychaete	14	13	11	12.7	12.5	11	14	1.5	0.9	3.4	38
Scolecopsis spp. indet.	Polychaete	5	3	0	2.7	2.5	0	5	2.5	1.5	5.7	8
Scoletoma zonata	Polychaete	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Streblospio benedicti	Polychaete	1	1	4	2.0	2.5	1	4	1.7	1.0	3.9	6
Oligochaeta	Oligochaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2

Benthic Community Data

TOTAL INDIVIDUALS		38	47	29	38.0	38.0	29	47	9.0	5.2	20.3	114
TOTAL SPECIES	22	14	12	12	12.7	13.0	12	14	1.2	0.7	2.6	38
TOTAL CRUST. INDIV.		5	2	1	2.7	3.0	1	5	2.1	1.2	4.7	8
TOTAL CRUST. SP.	4	4	1	1	2.0	2.5	1	4	1.7	1.0	3.9	6
GAMMARID INDIV.		2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
GAMMARID SP.	2	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
OTHER CRUSTACEAN INDIV.		3	2	1	2.0	2.0	1	3	1.0	0.6	2.3	6
OTHER CRUSTACEAN SP.	2	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		3	0	1	1.3	1.5	0	3	1.5	0.9	3.4	4
TOTAL MOLLUSC SP.	2	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
TOTAL POLYCHAETE INDIV.		29	45	26	33.3	35.5	26	45	10.2	5.9	23.0	100
TOTAL POLYCHAETE SP.	15	7	11	9	9.0	9.0	7	11	2.0	1.2	4.5	27

STANUM	STATION	IDORG	DATE	LEG
48002	MARINA DEL REY - A2 (X2)	1687	02/05/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Grandierella japonica	Gammaridea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Melphisana bola	Gammaridea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Colanthur squamosissima	Isopoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Zeuxo normani	Tanaidacea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Acteocina sp.	Gastropoda	4	3	3	3.3	3.5	3	4	0.6	0.3	1.3	10
Aphelochaeta sp(p)	Polychaete	6	5	1	4.0	3.5	1	6	2.6	1.5	6.0	12
Cirratulus spectabilis	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirriformia moorei	Polychaete	7	18	12	12.3	12.5	7	18	5.5	3.2	12.4	37
Dorvillea longicornis	Polychaete	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
Euchone limnicola	Polychaete	2	1	8	3.7	4.5	1	8	3.8	2.2	8.5	11
Exogone uniformis	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaete	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Mediomastus ambiseta	Polychaete	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
Mediomastus californiensis	Polychaete	4	0	0	1.3	2.0	0	4	2.3	1.3	5.2	4
Mediomastus sp(p)	Polychaete	9	4	6	6.3	6.5	4	9	2.5	1.5	5.7	19
Monticellina nr. serratiseta	Polychaete	15	6	8	9.7	10.5	6	15	4.7	2.7	10.6	29
Nephtys cornuta	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Pseudopolydora paucibranchiata	Polychaete	4	12	13	9.7	8.5	4	13	4.9	2.8	11.1	29

Benthic Community Data

Scoletoma zonata	Polychaete	0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
Scoloplos sp.	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Anthozoa	Anthozoa	5	2	0	2.3	2.5	0	5	2.5	1.5	5.7	7
Nemertea	Nemertea	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Phoronida	Phoronida	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL INDIVIDUALS	68	64	58	63.3	63.0	58	68	5.0	2.9	11.3	190
	TOTAL SPECIES	24	18	16	15.7	15.5	13	18	2.5	1.5	5.7	47
	TOTAL CRUST. INDIV.		4	2	2.0	2.0	0	4	2.0	1.2	4.5	6
	TOTAL CRUST. SP.	5	4	2	2.0	2.0	0	4	2.0	1.2	4.5	6
	GAMMARID INDIV.		1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID SP.	2	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.		3	1	1.3	1.5	0	3	1.5	0.9	3.4	4
	OTHER CRUSTACEAN SP.	3	3	1	1.3	1.5	0	3	1.5	0.9	3.4	4
	TOTAL ECHINODERM INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
	TOTAL MOLLUSC SP.	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
	TOTAL POLYCHAETE INDIV.		52	55	54.0	53.5	52	55	1.7	1.0	3.9	162
	TOTAL POLYCHAETE SP.	15	10	11	11.0	11.0	10	12	1.0	0.6	2.3	33

STANUM	STATION	IDORG	DATE	LEG
48003	MARINA DEL REY- B1 (X1)	1688	02/05/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	11	1	6	6.0	6.0	1	11	5.0	2.9	11.3	18
Grandidierella japonica	Gammaridea	2	0	4	2.0	2.0	0	4	2.0	1.2	4.5	6
Zeuxo normani	Tanaidacea	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Acteocina sp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirratulidae spp. indet.	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirriformia moorei	Polychaete	2	0	3	1.7	1.5	0	3	1.5	0.9	3.4	5
Dorvillea longicornis	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Euchone limnicola	Polychaete	3	5	4	4.0	4.0	3	5	1.0	0.6	2.3	12
Exogone uniformis	Polychaete	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Leitoscoloplos pugettensis	Polychaete	15	15	6	12.0	10.5	6	15	5.2	3.0	11.7	36
Mediomastus ambiseta	Polychaete	6	3	6	5.0	4.5	3	6	1.7	1.0	3.9	15
Mediomastus californiensis	Polychaete	0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5
Mediomastus sp(p)	Polychaete	2	1	3	2.0	2.0	1	3	1.0	0.6	2.3	6
Monticellina nr. serratiseta	Polychaete	6	6	3	5.0	4.5	3	6	1.7	1.0	3.9	15

Benthic Community Data

Polydora cornuta	Polychaete	5	0	0	1.7	2.5	0	5	2.9	1.7	6.5	5
Pseudopolydora paucibranchiata	Polychaete	17	13	28	19.3	20.5	13	28	7.8	4.5	17.5	58
Scoletoma zonata	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoloplos sp.	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Streblospio benedicti	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Anthozoa	Anthozoa	10	2	0	4.0	5.0	0	10	5.3	3.1	11.9	12
Nemertea	Nemertea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Oligochaeta	Oligochaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Sipuncula	Sipunculida	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	88	49	74	70.3	68.5	49	88	19.8	11.4	44.5	211
	TOTAL SPECIES	23	18	11	15.0	14.5	11	18	3.6	2.1	8.1	45
	TOTAL CRUST. INDIV.	15	2	10	9.0	8.5	2	15	6.6	3.8	14.8	27
	TOTAL CRUST. SP.	3	3	2	2.3	2.5	2	3	0.6	0.3	1.3	7
	GAMMARID INDIV.	2	0	4	2.0	2.0	0	4	2.0	1.2	4.5	6
	GAMMARID SP.	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.	13	2	6	7.0	7.5	2	13	5.6	3.2	12.5	21
	OTHER CRUSTACEAN SP.	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC SP.	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL POLYCHAETE INDIV.	60	45	63	56.0	54.0	45	63	9.6	5.6	21.7	168
	TOTAL POLYCHAETE SP.	15	11	8	10.7	10.5	8	13	2.5	1.5	5.7	32

STANUM	STATION	IDORG	DATE	LEG
48004	MARINA DEL REY- B2 (X2)	1689	02/05/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Amphideutopus oculatus	Gammaridea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Gammaridea	0	1	5	2.0	2.5	0	5	2.6	1.5	6.0	6
Colanthura squamosissima	Isopoda	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Leptognathia sp.	Tanaidacea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pseudotanais macrothrix	Tanaidacea	19	28	2	16.3	15.0	2	28	13.2	7.6	29.7	49
Zeuxo normani	Tanaidacea	6	3	1	3.3	3.5	1	6	2.5	1.5	5.7	10
Ophiuroidea	Ophiuroidea	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Lyonsia californica	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Parvilucina tenuisculpta	Bivalvia	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3

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Tagelus subteres	Bivalvia	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Bulla gouldiana	Gastropoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Apoprionospio pygmaea	Polychaete	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Armandia brevis	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Brania brevipharyngea	Polychaete	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Cirriformia moorei	Polychaete	3	1	2	2.0	2.0	1	3	1.0	0.6	2.3	6
Cossura pygodactylata	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Dorvillea longicornis	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Euchone limnicola	Polychaete	63	54	74	63.7	64.0	54	74	10.0	5.8	22.5	191
Euclymeninae sp. A	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Exogone uniformis	Polychaete	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Leitoscoloplos pugettensis	Polychaete	10	11	4	8.3	7.5	4	11	3.8	2.2	8.5	25
Mediomastus ambiseta	Polychaete	6	17	4	9.0	10.5	4	17	7.0	4.0	15.8	27
Mediomastus californiensis	Polychaete	8	4	2	4.7	5.0	2	8	3.1	1.8	6.9	14
Mediomastus sp(p)	Polychaete	16	21	10	15.7	15.5	10	21	5.5	3.2	12.4	47
Monticellina nr. serratiseta	Polychaete	7	2	3	4.0	4.5	2	7	2.6	1.5	6.0	12
Nereis procera	Polychaete	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Pista disjuncta	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Polyopthalmus pictus	Polychaete	3	2	2	2.3	2.5	2	3	0.6	0.3	1.3	7
Prionospio heterobranchia	Polychaete	5	5	8	6.0	6.5	5	8	1.7	1.0	3.9	18
Pseudopolydora paucibranchiata	Polychaete	124	85	48	85.7	86.0	48	124	38.0	21.9	85.5	257
Scolecopsis spp. indet.	Polychaete	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Scoletoma tetraura	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Scoletoma zonata	Polychaete	9	13	8	10.0	10.5	8	13	2.6	1.5	6.0	30
Anthozoa	Anthozoa	4	2	0	2.0	2.0	0	4	2.0	1.2	4.5	6
Nemertea	Nemertea	1	2	4	2.3	2.5	1	4	1.5	0.9	3.4	7
	TOTAL INDIVIDUALS	299	260	191	250.0	245.0	191	299	54.7	31.6	123.1	750
	TOTAL SPECIES	36	28	24	26.0	26.0	24	28	2.0	1.2	4.5	78
	TOTAL CRUST. INDIV.	26	34	12	24.0	23.0	12	34	11.1	6.4	25.1	72
	TOTAL CRUST. SP.	7	3	5	4.7	4.5	3	6	1.5	0.9	3.4	14
	GAMMARID INDIV.	0	1	6	2.3	3.0	0	6	3.2	1.9	7.2	7
	GAMMARID SP.	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN INDIV.	26	33	6	21.7	19.5	6	33	14.0	8.1	31.5	65
	OTHER CRUSTACEAN SP.	5	3	4	3.7	3.5	3	4	0.6	0.3	1.3	11
	TOTAL ECHINODERM INDIV.	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM SP.	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL MOLLUSC INDIV.	4	4	1	3.0	2.5	1	4	1.7	1.0	3.9	9
	TOTAL MOLLUSC SP.	4	4	3	2.7	2.5	1	4	1.5	0.9	3.4	8
	TOTAL POLYCHAETE INDIV.	263	218	172	217.7	217.5	172	263	45.5	26.3	102.4	653

Benthic Community Data

TOTAL POLYCHAETE SP. 22 18 14 17 | 16.3 16.0 14 18 2.1 1.2 4.7 49

STANUM STATION IDORG DATE LEG
48005 MARINA DEL REY- C1 (X1) 1690 02/05/97 48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	9	0	0	3.0	4.5	0	9	5.2	3.0	11.7	9
Amphideutopus oculatus	Gammaridea	0	4	0	1.3	2.0	0	4	2.3	1.3	5.2	4
Mysella sp.	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Parvilucina tenuisculpta	Bivalvia	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Protothaca staminea	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tagelus subteres	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tellina modesta	Bivalvia	4	1	0	1.7	2.0	0	4	2.1	1.2	4.7	5
Theora fragilis	Bivalvia	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Acteocina sp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Ampharetidae spp. juv.	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphicteis scaphobranchiata	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Anotomastus gordiodes	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Apopriospio pygmaea	Polychaete	6	1	1	2.7	3.5	1	6	2.9	1.7	6.5	8
Armandia brevis	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaete	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Cossura pygodactylata	Polychaete	9	12	1	7.3	6.5	1	12	5.7	3.3	12.8	22
Euchone limnicola	Polychaete	93	65	76	78.0	79.0	65	93	14.1	8.1	31.7	234
Euclymeninae sp. A	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Exogone uniformis	Polychaete	2	5	2	3.0	3.5	2	5	1.7	1.0	3.9	9
Goniada littorea	Polychaete	5	5	3	4.3	4.0	3	5	1.2	0.7	2.6	13
Leitoscoloplos pugettensis	Polychaete	9	5	12	8.7	8.5	5	12	3.5	2.0	7.9	26
Mediomastus ambiseta	Polychaete	77	40	65	60.7	58.5	40	77	18.9	10.9	42.5	182
Mediomastus californiensis	Polychaete	11	4	9	8.0	7.5	4	11	3.6	2.1	8.1	24
Mediomastus sp(p)	Polychaete	39	35	45	39.7	40.0	35	45	5.0	2.9	11.3	119
Monticellina nr. serratiseta	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys caecoides	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaete	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Onuphidae spp. juv.	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Phyllodoce longipes	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Pista spp. juv.	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Polydora cornuta	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio heterobranchia	Polychaete	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3

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Prionospio lighti	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Pseudopolydora paucibranchiata	Polychaete	7	0	3	3.3	3.5	0	7	3.5	2.0	7.9	10	
Scolecipis spp. indet.	Polychaete	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Scoletoma tetraura	Polychaete	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3	
Spionidae spp. indet.	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nemertea	Nemertea	2	0	3	1.7	1.5	0	3	1.5	0.9	3.4	5	
Oligochaeta	Oligochaeta	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
	TOTAL INDIVIDUALS	290	191	230	237.0	240.5	191	290	49.9	28.8	112.2	711	
	TOTAL SPECIES	39	27	22	21	23.3	24.0	21	27	3.2	1.9	7.2	70
	TOTAL CRUST. INDIV.	9	4	0	4.3	4.5	0	9	4.5	2.6	10.1	13	
	TOTAL CRUST. SP.	2	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID INDIV.	0	4	0	1.3	2.0	0	4	2.3	1.3	5.2	4	
	GAMMARID SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.	9	0	0	3.0	4.5	0	9	5.2	3.0	11.7	9	
	OTHER CRUSTACEAN SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	7	5	2	4.7	4.5	2	7	2.5	1.5	5.7	14	
	TOTAL MOLLUSC SP.	7	4	4	2	3.3	3.0	2	4	1.2	0.7	2.6	10
	TOTAL POLYCHAETE INDIV.	270	181	225	225.3	225.5	181	270	44.5	25.7	100.1	676	
	TOTAL POLYCHAETE SP.	28	20	16	18	18.0	18.0	16	20	2.0	1.2	4.5	54

STANUM	STATION	IDORG	DATE	LEG
48006	SHORELINE MARINA- A1 (X1)	1691	02/04/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Diastylis sp.	Cumacea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium insidiosum	Gammaridea	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Grandidierella japonica	Gammaridea	10	0	0	3.3	5.0	0	10	5.8	3.3	13.0	10
Theora fragilis	Bivalvia	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Capitella capitata	Polychaete	3	0	3	2.0	1.5	0	3	1.7	1.0	3.9	6
Cossura candida	Polychaete	1	4	1	2.0	2.5	1	4	1.7	1.0	3.9	6
Cossura pygodactylata	Polychaete	5	6	0	3.7	3.0	0	6	3.2	1.9	7.2	11
Dorvillea longicornis	Polychaete	0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5
Mediomastus ambiseta	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina cryptica	Polychaete	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Nephtys cornuta	Polychaete	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2

Benthic Community Data

Onuphidae spp. juv.	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Paraprionospio pinnata	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Podarke pugettensis	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Polydora cornuta	Polychaete	8	1	5	4.7	4.5	1	8	3.5	2.0	7.9	14	
Prionospio heterobranchia	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Pseudopolydora paucibranchiata	Polychaete	2	1	3	2.0	2.0	1	3	1.0	0.6	2.3	6	
Spiophanes duplex	Polychaete	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Tenonia priops	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nemertea	Nemertea	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
Oligochaeta	Oligochaeta	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
Phoronida	Phoronida	1	4	9	4.7	5.0	1	9	4.0	2.3	9.1	14	
	TOTAL INDIVIDUALS	40	22	31	31.0	31.0	22	40	9.0	5.2	20.3	93	
	TOTAL SPECIES	23	15	11	12	12.7	13.0	11	15	2.1	1.2	4.7	38
	TOTAL CRUST. INDIV.		13	1	0	4.7	6.5	0	13	7.2	4.2	16.3	14
	TOTAL CRUST. SP.	4	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
	GAMMARID INDIV.		12	0	0	4.0	6.0	0	12	6.9	4.0	15.6	12
	GAMMARID SP.	2	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	OTHER CRUSTACEAN INDIV.		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN SP.	2	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL MOLLUSC SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL POLYCHAETE INDIV.		23	16	21	20.0	19.5	16	23	3.6	2.1	8.1	60
	TOTAL POLYCHAETE SP.	15	9	8	10	9.0	9.0	8	10	1.0	0.6	2.3	27

STANUM	STATION	IDORG	DATE	LEG
48007	SHORELINE MARINA- B1 (X1)	1692	02/04/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Grandidierella japonica	Gammaridea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Gammaridea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Capitella capitata	Polychaete	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Cossura candida	Polychaete	2	2	3	2.3	2.5	2	3	0.6	0.3	1.3	7
Cossura pygodactylata	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Dorvillea longicornis	Polychaete	24	6	5	11.7	14.5	5	24	10.7	6.2	24.1	35
Euchone limnicola	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaete	7	2	1	3.3	4.0	1	7	3.2	1.9	7.2	10

Benthic Community Data

Lumbrineridae spp. juv.	Polychaete	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Mediomastus ambiseta	Polychaete	38	13	19	23.3	25.5	13	38	13.1	7.5	29.4	70
Mediomastus californiensis	Polychaete	5	0	2	2.3	2.5	0	5	2.5	1.5	5.7	7
Mediomastus sp(p)	Polychaete	24	3	2	9.7	13.0	2	24	12.4	7.2	28.0	29
Monticellina cryptica	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaete	2	1	4	2.3	2.5	1	4	1.5	0.9	3.4	7
Paraprionospio pinnata	Polychaete	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Polydora cornuta	Polychaete	6	1	3	3.3	3.5	1	6	2.5	1.5	5.7	10
Prionospio heterobranchia	Polychaete	5	0	2	2.3	2.5	0	5	2.5	1.5	5.7	7
Pseudopolydora paucibranchiata	Polychaete	2	0	3	1.7	1.5	0	3	1.5	0.9	3.4	5
Sigambra tentaculata	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nematoda	Nematoda	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Nemertea	Nemertea	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Oligochaeta	Oligochaeta	20	0	5	8.3	10.0	0	20	10.4	6.0	23.4	25
	TOTAL INDIVIDUALS	140	37	54	77.0	88.5	37	140	55.2	31.9	124.2	231
	TOTAL SPECIES	22	15	13	14.7	14.5	13	16	1.5	0.9	3.4	44
	TOTAL CRUST. INDIV.		0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	TOTAL CRUST. SP.	2	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	GAMMARID INDIV.		0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	GAMMARID SP.	2	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	OTHER CRUSTACEAN INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL POLYCHAETE INDIV.	117	34	48	66.3	75.5	34	117	44.4	25.7	100.0	199
	TOTAL POLYCHAETE SP.	17	12	10	12.0	12.0	10	14	2.0	1.2	4.5	36

STANUM	STATION	IDORG	DATE	LEG
48008	SHORELINE MARINA- C1 (X1)	1693	02/04/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	1	7	0	2.7	3.5	0	7	3.8	2.2	8.5	8
Diastylis sp.	Cumacea	2	7	6	5.0	4.5	2	7	2.6	1.5	6.0	15
Neotrypaea californiensis	Decapoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Gammaridea	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Grandidierella japonica	Gammaridea	0	3	1	1.3	1.5	0	3	1.5	0.9	3.4	4

Benthic Community Data

Rudilemboides stenopropodus	Gammaridea	0	6	0	2.0	3.0	0	6	3.5	2.0	7.8	6
Euphilomedes carcharodonta	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Protothaca staminea	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Armandia brevis	Polychaete	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Chaetozone corona	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone lunula	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaete	3	3	1	2.3	2.0	1	3	1.2	0.7	2.6	7
Dorvillea longicornis	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Euchone limnicola	Polychaete	5	1	5	3.7	3.0	1	5	2.3	1.3	5.2	11
Eumida spp. juv.	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera spp. juv.	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycinde armigera	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaete	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Mediomastus ambiseta	Polychaete	58	65	70	64.3	64.0	58	70	6.0	3.5	13.6	193
Mediomastus californiensis	Polychaete	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Mediomastus sp(p)	Polychaete	59	35	33	42.3	46.0	33	59	14.5	8.4	32.6	127
Monticellina cryptica	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys caecoides	Polychaete	0	1	3	1.3	1.5	0	3	1.5	0.9	3.4	4
Nephtys cornuta	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Polydora cornuta	Polychaete	5	6	1	4.0	3.5	1	6	2.6	1.5	6.0	12
Prionospio heterobranchia	Polychaete	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Prionospio lighti	Polychaete	49	3	13	21.7	26.0	3	49	24.2	14.0	54.4	65
Pseudopolydora paucibranchiata	Polychaete	13	5	6	8.0	9.0	5	13	4.4	2.5	9.8	24
Scolecopsis spp. indet.	Polychaete	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Scoletoma tetraura	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Spiophanes duplex	Polychaete	1	7	3	3.7	4.0	1	7	3.1	1.8	6.9	11
Tenonia priops	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nemertea	Nemertea	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Oligochaeta	Oligochaeta	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Phoronida	Phoronida	3	1	4	2.7	2.5	1	4	1.5	0.9	3.4	8
	TOTAL INDIVIDUALS	211	164	162	179.0	186.5	162	211	27.7	16.0	62.4	537
	TOTAL SPECIES	36	21	24	23.0	22.5	21	24	1.7	1.0	3.9	69
	TOTAL CRUST. INDIV.		4	25	12.3	14.5	4	25	11.2	6.4	25.1	37
	TOTAL CRUST. SP.	7	3	5	3.7	4.0	3	5	1.2	0.7	2.6	11
	GAMMARID INDIV.		0	11	4.0	5.5	0	11	6.1	3.5	13.7	12
	GAMMARID SP.	3	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
	OTHER CRUSTACEAN INDIV.		4	14	8.3	9.0	4	14	5.1	3.0	11.5	25
	OTHER CRUSTACEAN SP.	4	3	2	2.3	2.5	2	3	0.6	0.3	1.3	7

Benthic Community Data

TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
TOTAL MOLLUSC SP.	2	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
TOTAL POLYCHAETE INDIV.	202	133	148	161.0	167.5	133	202	36.3	21.0	81.7	483
TOTAL POLYCHAETE SP.	24	15	15	16.0	16.5	15	18	1.7	1.0	3.9	48

STANUM	STATION	IDORG	DATE	LEG
48009	SAN PEDRO BAY OUTER HARBOR	1694	02/04/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Ampelisca cristata	Gammaridea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Gammaridea	10	11	9	10.0	10.0	9	11	1.0	0.6	2.3	30
Euphilomedes carcharodonta	Ostracoda	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Ophiuroidea	Ophiuroidea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mysella sp.	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Parvilucina tenuisculpta	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tellina modesta	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Acteocina sp.	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Odostomia sp.	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Olivella bactica	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Volvutella cylindrica	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys sp	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amaeana occidentalis	Polychaete	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Amphicteis scaphobranchiata	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta monilaris	Polychaete	4	3	1	2.7	2.5	1	4	1.5	0.9	3.4	8
Aricidea catherinae	Polychaete	3	0	1	1.3	1.5	0	3	1.5	0.9	3.4	4
Aricidea horikoshii	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Chone albocincta	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Chone veleronis	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirratulidae spp. indet.	Polychaete	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Cossura candida	Polychaete	13	18	12	14.3	15.0	12	18	3.2	1.9	7.2	43
Euchone limnicola	Polychaete	1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Euchone sp. A	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euclymeninae sp. A	Polychaete	3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5
Glycinde armigera	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus ambiseta	Polychaete	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2

Benthic Community Data

Mediomastus sp(p)	Polychaete	6	8	5	6.3	6.5	5	8	1.5	0.9	3.4	19	
Monticellina cryptica	Polychaete	2	3	0	1.7	1.5	0	3	1.5	0.9	3.4	5	
Monticellina siblina	Polychaete	2	6	3	3.7	4.0	2	6	2.1	1.2	4.7	11	
Nephtys cornuta	Polychaete	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4	
Nereis procera	Polychaete	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3	
Onuphidae spp. juv.	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Podarkeopsis glabrus	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Prionospio jubata	Polychaete	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
Prionospio lighti	Polychaete	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Scoletoma tetraura	Polychaete	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Spiophanes duplex	Polychaete	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Streblosoma sp. B	Polychaete	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Nemertea	Nemertea	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4	
	TOTAL INDIVIDUALS												
	TOTAL SPECIES	40	24	23	15	20.7	19.5	15	24	4.9	2.8	11.1	62
	TOTAL CRUST. INDIV.		10	11	12	11.0	11.0	10	12	1.0	0.6	2.3	33
	TOTAL CRUST. SP.	3	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		10	11	10	10.3	10.5	10	11	0.6	0.3	1.3	31
	GAMMARID SP.	2	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	OTHER CRUSTACEAN INDIV.		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	OTHER CRUSTACEAN SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.		3	3	1	2.3	2.0	1	3	1.2	0.7	2.6	7
	TOTAL MOLLUSC SP.	7	3	3	1	2.3	2.0	1	3	1.2	0.7	2.6	7
	TOTAL POLYCHAETE INDIV.		50	55	29	44.7	42.0	29	55	13.8	8.0	31.0	134
	TOTAL POLYCHAETE SP.	28	18	18	11	15.7	14.5	11	18	4.0	2.3	9.1	47

STANUM	STATION	IDORG	DATE	LEG
40018.3	LONG BEACH OUTER HARBOR- 18	1695	02/04/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Ampelisca agassizi	Gammaridea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Gammaridea	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
Photis sp.	Gammaridea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Gammaridea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Gnathia crenulatifrons	Isopoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4

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Parasterope sp	Ostracoda	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Ophiuroidea	Ophiuroidea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Parvilucina tenuisculpta	Bivalvia	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Theora fragilis	Bivalvia	3	6	0	3.0	3.0	0	6	3.0	1.7	6.8	9
Ampharetidae spp. juv.	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphicteis scaphobranchiata	Polychaete	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Aphelochaeta monilaris	Polychaete	2	5	8	5.0	5.0	2	8	3.0	1.7	6.8	15
Aphelochaeta sp(p)	Polychaete	1	5	6	4.0	3.5	1	6	2.6	1.5	6.0	12
Aricidea catherinae	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaete	4	2	1	2.3	2.5	1	4	1.5	0.9	3.4	7
Cossura candida	Polychaete	23	19	36	26.0	27.5	19	36	8.9	5.1	20.0	78
Euchone limnicola	Polychaete	0	4	1	1.7	2.0	0	4	2.1	1.2	4.7	5
Euclymeninae sp. A	Polychaete	1	4	2	2.3	2.5	1	4	1.5	0.9	3.4	7
Glycera spp. juv.	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Goniada littorea	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Laonice cirrata	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaete	1	6	5	4.0	3.5	1	6	2.6	1.5	6.0	12
Mediomastus californiensis	Polychaete	1	2	6	3.0	3.5	1	6	2.6	1.5	6.0	9
Mediomastus sp(p)	Polychaete	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Megalomma pigmentum	Polychaete	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Monticellina cryptica	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina siblina	Polychaete	14	4	14	10.7	9.0	4	14	5.8	3.3	13.0	32
Nephtys cornuta	Polychaete	5	10	7	7.3	7.5	5	10	2.5	1.5	5.7	22
Nereis procera	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Notomastus tenuis	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaete	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Pholoe glabra	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis glabrus	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Polycirrus californicus	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma tetraura	Polychaete	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Terebellides californica	Polychaete	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Terebellides spp. juv.	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Edwardsia sp.	Anthozoa	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Nemertea	Nemertea	2	2	4	2.7	3.0	2	4	1.2	0.7	2.6	8
TOTAL INDIVIDUALS		73	94	100	89.0	86.5	73	100	14.2	8.2	31.9	267
TOTAL SPECIES		41	24	30	24.3	24.5	19	30	5.5	3.2	12.4	73
TOTAL CRUST. INDIV.		6	8	0	4.7	4.0	0	8	4.2	2.4	9.4	14
TOTAL CRUST. SP.		7	4	5	3.0	2.5	0	5	2.6	1.5	6.0	9

Benthic Community Data

GAMMARID INDIV.		3	4	0	2.3	2.0	0	4	2.1	1.2	4.7	7
GAMMARID SP.	4	2	3	0	1.7	1.5	0	3	1.5	0.9	3.4	5
OTHER CRUSTACEAN INDIV.		3	4	0	2.3	2.0	0	4	2.1	1.2	4.7	7
OTHER CRUSTACEAN SP.	3	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
TOTAL ECHINODERM INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL ECHINODERM SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL MOLLUSC INDIV.		4	7	0	3.7	3.5	0	7	3.5	2.0	7.9	11
TOTAL MOLLUSC SP.	2	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
TOTAL POLYCHAETE INDIV.		59	75	94	76.0	76.5	59	94	17.5	10.1	39.4	228
TOTAL POLYCHAETE SP.	29	16	20	17	17.7	18.0	16	20	2.1	1.2	4.7	53

STANUM 40020.2 STATION LONG BEACH OUTER HARBOR- 20 IDORG 1696 DATE 02/04/97 LEG 48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Cumella cf californica	Cumacea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Diastylis sp.	Cumacea	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Amphideutopus oculatus	Gammaridea	7	0	1	2.7	3.5	0	7	3.8	2.2	8.5	8
Listriella melanica	Gammaridea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Photis sp.	Gammaridea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Gnathia crenulatifrons	Isopoda	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Euphilomedes carcharodonta	Ostracoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Parasterope sp	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Bivalve	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Modiolus sp.	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Parvilucina tenuisculpta	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tellina modesta	Bivalvia	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Theora fragilis	Bivalvia	2	3	0	1.7	1.5	0	3	1.5	0.9	3.4	5
Odostomia sp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Volvulella cylindrica	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amacana occidentalis	Polychaete	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Ampharetidae spp. juv.	Polychaete	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Aphelochaeta monilaris	Polychaete	6	3	3	4.0	4.5	3	6	1.7	1.0	3.9	12
Aphelochaeta sp(p)	Polychaete	26	30	27	27.7	28.0	26	30	2.1	1.2	4.7	83
Aricidea catherinae	Polychaete	2	1	4	2.3	2.5	1	4	1.5	0.9	3.4	7
Aricidea horikoshii	Polychaete	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Chaetozone corona	Polychaete	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Cirratulidae spp. indet.	Polychaete	4	9	3	5.3	6.0	3	9	3.2	1.9	7.2	16

Benthic Community Data

Cossura candida	Polychaete	40	34	29	34.3	34.5	29	40	5.5	3.2	12.4	103
Diplocirrus sp.	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Drilonereis spp. indet.	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euchone incolor	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euchone limnicola	Polychaete	3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5
Euclymeninae sp. A	Polychaete	7	11	12	10.0	9.5	7	12	2.6	1.5	6.0	30
Laonice cirrata	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Leitoscoloplos pugettensis	Polychaete	1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7
Levinsenia gracilis	Polychaete	6	3	4	4.3	4.5	3	6	1.5	0.9	3.4	13
Lumbrineris index	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus ambiseta	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaete	5	4	2	3.7	3.5	2	5	1.5	0.9	3.4	11
Mediomastus sp(p)	Polychaete	7	12	3	7.3	7.5	3	12	4.5	2.6	10.1	22
Megalomma pigmentum	Polychaete	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Monticellina cryptica	Polychaete	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Monticellina sibilina	Polychaete	9	12	7	9.3	9.5	7	12	2.5	1.5	5.7	28
Nephtys cornuta	Polychaete	6	7	8	7.0	7.0	6	8	1.0	0.6	2.3	21
Nereis procera	Polychaete	4	3	2	3.0	3.0	2	4	1.0	0.6	2.3	9
Notomastus tenuis	Polychaete	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
Onuphidae spp. juv.	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Paraprionospio pinnata	Polychaete	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Podarkeopsis glabrus	Polychaete	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Scoletoma tetraura	Polychaete	6	7	4	5.7	5.5	4	7	1.5	0.9	3.4	17
Spiophanes berkeleyorum	Polychaete	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Streblosoma sp. B	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Tenonia priops	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Terebellides californica	Polychaete	3	3	1	2.3	2.0	1	3	1.2	0.7	2.6	7
Terebellides spp. juv.	Polychaete	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Anthozoa	Anthozoa	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nematoda	Nematoda	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
Nemertea	Nemertea	3	1	2	2.0	2.0	1	3	1.0	0.6	2.3	6
TOTAL INDIVIDUALS		171	172	132	158.3	152.0	132	172	22.8	13.2	51.3	475
TOTAL SPECIES		54	35	35	33.3	32.5	30	35	2.9	1.7	6.5	100
TOTAL CRUST. INDIV.		13	1	5	6.3	7.0	1	13	6.1	3.5	13.7	19
TOTAL CRUST. SP.		8	5	1	3.3	3.0	1	5	2.1	1.2	4.7	10
GAMMARID INDIV.		8	1	1	3.3	4.5	1	8	4.0	2.3	9.1	10
GAMMARID SP.		3	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
OTHER CRUSTACEAN INDIV.		5	0	4	3.0	2.5	0	5	2.6	1.5	6.0	9
OTHER CRUSTACEAN SP.		5	3	0	2.0	1.5	0	3	1.7	1.0	3.9	6

Benthic Community Data

TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.	3	8	1	4.0	4.5	1	8	3.6	2.1	8.1	12
TOTAL MOLLUSC SP.	7	2	5	2.7	3.0	1	5	2.1	1.2	4.7	8
TOTAL POLYCHAETE INDIV.	150	159	124	144.3	141.5	124	159	18.2	10.5	40.9	433
TOTAL POLYCHAETE SP.	36	26	26	25.3	25.0	24	26	1.2	0.7	2.6	76

STANUM	STATION	IDORG	DATE	LEG
48010	TURNING BASIN	1697	02/04/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Gammaridea	2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
Rudilemboides stenopropodus	Gammaridea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Gnathia crenulatifrons	Isopoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Parasterope sp	Ostracoda	0	3	2	1.7	1.5	0	3	1.5	0.9	3.4	5
Mya arenaria	Bivalvia	0	0	4	1.3	2.0	0	4	2.3	1.3	5.2	4
Tellina modesta	Bivalvia	4	1	0	1.7	2.0	0	4	2.1	1.2	4.7	5
Theora fragilis	Bivalvia	0	0	5	1.7	2.5	0	5	2.9	1.7	6.5	5
Amaeana occidentalis	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Ampharetidae spp. juv.	Polychaete	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Aphelochaeta glandaria	Polychaete	4	3	3	3.3	3.5	3	4	0.6	0.3	1.3	10
Aphelochaeta monilaris	Polychaete	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Apoprionospio pygmaea	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aricidea catherinae	Polychaete	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Chaetozone corona	Polychaete	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Cirratulidae spp. indet.	Polychaete	6	0	2	2.7	3.0	0	6	3.1	1.8	6.9	8
Cossura candida	Polychaete	39	17	14	23.3	26.5	14	39	13.7	7.9	30.7	70
Diopatra ornata	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Dorvillea longicornis	Polychaete	5	5	3	4.3	4.0	3	5	1.2	0.7	2.6	13
Dorvilleidae spp. indet.	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euchone limnicola	Polychaete	15	10	81	35.3	45.5	10	81	39.6	22.9	89.2	106
Euclymeninae sp. A	Polychaete	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Eumida longicornata	Polychaete	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Exogone lourei	Polychaete	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Glycinde armigera	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaete	5	2	15	7.3	8.5	2	15	6.8	3.9	15.3	22

Benthic Community Data

<i>Levinsenia gracilis</i>	Polychaete	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
<i>Lumbrinereis inflata</i>	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Mediomastus californiensis</i>	Polychaete	13	11	1	8.3	7.0	1	13	6.4	3.7	14.5	25
<i>Mediomastus sp(p)</i>	Polychaete	41	19	14	24.7	27.5	14	41	14.4	8.3	32.3	74
<i>Melinna oculata</i>	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Monticellina cryptica</i>	Polychaete	5	6	6	5.7	5.5	5	6	0.6	0.3	1.3	17
<i>Monticellina siblina</i>	Polychaete	36	7	8	17.0	21.5	7	36	16.5	9.5	37.0	51
<i>Nephtys comuta</i>	Polychaete	5	1	14	6.7	7.5	1	14	6.7	3.8	15.0	20
<i>Nereis procera</i>	Polychaete	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
<i>Onuphidae spp. juv.</i>	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Paraprionospio pinnata</i>	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Pilargis maculata</i>	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Prionospio heterobranchia</i>	Polychaete	2	1	13	5.3	7.0	1	13	6.7	3.8	15.0	16
<i>Pseudopolydora paucibranchiata</i>	Polychaete	4	0	0	1.3	2.0	0	4	2.3	1.3	5.2	4
<i>Scoletoma tetraura</i>	Polychaete	2	1	3	2.0	2.0	1	3	1.0	0.6	2.3	6
<i>Spiochaetopterus costarum</i>	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Spiophanes duplex</i>	Polychaete	5	3	2	3.3	3.5	2	5	1.5	0.9	3.4	10
<i>Streblosoma crassibranchia</i>	Polychaete	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
<i>Streblosoma sp. B</i>	Polychaete	2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
<i>Streblospio benedicti</i>	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Tenonia priops</i>	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Terebellides spp. juv.</i>	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Anthozoa	Anthozoa	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nemertea	Nemertea	0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5
Oligochaeta	Oligochaeta	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
TOTAL INDIVIDUALS		222	107	212	180.3	164.5	107	222	63.7	36.8	143.3	541
TOTAL SPECIES		52	39	28	33.0	33.5	28	39	5.6	3.2	12.5	99
TOTAL CRUST. INDIV.		3	7	6	5.3	5.0	3	7	2.1	1.2	4.7	16
TOTAL CRUST. SP.		6	2	4	3.3	3.0	2	4	1.2	0.7	2.6	10
GAMMARID INDIV.		2	3	2	2.3	2.5	2	3	0.6	0.3	1.3	7
GAMMARID SP.		2	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
OTHER CRUSTACEAN INDIV.		1	4	4	3.0	2.5	1	4	1.7	1.0	3.9	9
OTHER CRUSTACEAN SP.		4	1	2	2.0	2.0	1	3	1.0	0.6	2.3	6
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		4	1	9	4.7	5.0	1	9	4.0	2.3	9.1	14
TOTAL MOLLUSC SP.		3	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL POLYCHAETE INDIV.		213	95	192	166.7	154.0	95	213	62.9	36.3	141.6	500
TOTAL POLYCHAETE SP.		40	34	21	26.3	27.5	21	34	6.8	3.9	15.3	79

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40015.1	FISH HARBOR ENTRANCE	1698	02/04/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	8	5	3	5.3	5.5	3	8	2.5	1.5	5.7	16
Cumella cf californica	Cumacea	1	1	6	2.7	3.5	1	6	2.9	1.7	6.5	8
Amphideutopus oculatus	Gammaridea	10	36	24	23.3	23.0	10	36	13.0	7.5	29.3	70
Listriella melanica	Gammaridea	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Photis sp.	Gammaridea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Protomeдея sp.	Gammaridea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Gammaridea	2	7	5	4.7	4.5	2	7	2.5	1.5	5.7	14
Stenothoidae	Gammaridea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Gnathia crenulatifrons	Isopoda	2	3	1	2.0	2.0	1	3	1.0	0.6	2.3	6
Euphilomedes carcharodonta	Ostracoda	3	1	4	2.7	2.5	1	4	1.5	0.9	3.4	8
Leptocheilia dubia	Tanaidacea	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Bivalve	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Lyonsia californica	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mysella sp.	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Parvilucina tenuisculpta	Bivalvia	0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
Solen sp.	Bivalvia	0	1	3	1.3	1.5	0	3	1.5	0.9	3.4	4
Tagelus subteres	Bivalvia	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Theora fragilis	Bivalvia	3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5
Bulla gouldiana	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Ampharete labrops	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta monilaris	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aricidea catherinae	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aricidea horikoshii	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaete	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Chone albocincta	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaete	7	4	2	4.3	4.5	2	7	2.5	1.5	5.7	13
Euchone limnicola	Polychaete	34	29	29	30.7	31.5	29	34	2.9	1.7	6.5	92
Euclymeninae sp. A	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Eumida longicornata	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Exogone lourei	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera americana	Polychaete	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Leitoscoloplos pugettensis	Polychaete	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Levinsenia gracilis	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

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Lumbrineris californiensis	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus ambiseta	Polychaete	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus californiensis	Polychaete	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Mediomastus sp(p)	Polychaete	0	3	5	2.7	2.5	0	5	2.5	1.5	5.7	8
Metasychis disparidentatus	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina siblina	Polychaete	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Nephtys comuta	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nereis procera	Polychaete	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Pholoe glabra	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio heterobranchia	Polychaete	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Pseudopolydora paucibranchiata	Polychaete	13	6	23	14.0	14.5	6	23	8.5	4.9	19.2	42
Scoletoma tetraura	Polychaete	4	4	1	3.0	2.5	1	4	1.7	1.0	3.9	9
Sthenelais spp. juv.	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nemertea	Nemertea	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL INDIVIDUALS	107	123	122	117.3	115.0	107	123	9.0	5.2	20.2	352
	TOTAL SPECIES	47	29	31	28.3	28.0	25	31	3.1	1.8	6.9	85
	TOTAL CRUST. INDIV.		26	56	43.3	41.0	26	56	15.5	9.0	35.0	130
	TOTAL CRUST. SP.	11	6	9	8.3	8.0	6	10	2.1	1.2	4.7	25
	GAMMARID INDIV.		12	45	30.0	28.5	12	45	16.7	9.6	37.6	90
	GAMMARID SP.	6	2	4	3.7	3.5	2	5	1.5	0.9	3.4	11
	OTHER CRUSTACEAN INDIV.		14	11	13.3	13.0	11	15	2.1	1.2	4.7	40
	OTHER CRUSTACEAN SP.	5	4	5	4.7	4.5	4	5	0.6	0.3	1.3	14
	TOTAL ECHINODERM INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		6	7	7.3	7.5	6	9	1.5	0.9	3.4	22
	TOTAL MOLLUSC SP.	8	4	5	4.7	4.5	4	5	0.6	0.3	1.3	14
	TOTAL POLYCHAETE INDIV.		74	59	66.0	66.5	59	74	7.5	4.4	17.0	198
	TOTAL POLYCHAETE SP.	27	18	16	14.7	14.0	10	18	4.2	2.4	9.4	44

STANUM	STATION	IDORG	DATE	LEG
40009	WEST BASIN ENTRANCE	1699	02/04/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Gammaridea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium sp.	Gammaridea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Grandidierella japonica	Gammaridea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Listriella diffusa	Gammaridea	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2

Benthic Community Data

Gnathia crenulatifrons	Isopoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Rutiderma rostratum	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Ophiuroidea	Ophiuroidea	2	0	4	2.0	2.0	0	4	2.0	1.2	4.5	6
Mysella sp.	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amaeana occidentalis	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphicteis scaphobranchiata	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochoeta monilaris	Polychaete	11	12	3	8.7	7.5	3	12	4.9	2.8	11.1	26
Aphelochoeta sp(p)	Polychaete	3	1	3	2.3	2.0	1	3	1.2	0.7	2.6	7
Aricidea catherinae	Polychaete	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Chaetozone corona	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Chone albocincta	Polychaete	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Cirratulidae spp. indet.	Polychaete	4	6	6	5.3	5.0	4	6	1.2	0.7	2.6	16
Cossura candida	Polychaete	11	13	20	14.7	15.5	11	20	4.7	2.7	10.6	44
Euchone limnicola	Polychaete	1	2	3	2.0	2.0	1	3	1.0	0.6	2.3	6
Euclymeninae sp. A	Polychaete	2	1	3	2.0	2.0	1	3	1.0	0.6	2.3	6
Laonice cirrata	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaete	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Levinsenia gracilis	Polychaete	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
Mediomastus sp(p)	Polychaete	3	10	4	5.7	6.5	3	10	3.8	2.2	8.5	17
Metasychis disparidentatus	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina cryptica	Polychaete	4	4	9	5.7	6.5	4	9	2.9	1.7	6.5	17
Monticellina sibilina	Polychaete	5	12	8	8.3	8.5	5	12	3.5	2.0	7.9	25
Nephtys cornuta	Polychaete	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Nereididae spp. juv.	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nereis procera	Polychaete	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Pista alata	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis glabrus	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaete	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Scalibregma inflatum	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma tetraura	Polychaete	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Spiophanes duplex	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Terebellides californica	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Nemertea	Nemertea	3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5
TOTAL INDIVIDUALS		63	78	82	74.3	72.5	63	82	10.0	5.8	22.5	223
TOTAL SPECIES		39	23	22	22.7	22.5	22	23	0.6	0.3	1.3	68
TOTAL CRUST. INDIV.		4	2	3	3.0	3.0	2	4	1.0	0.6	2.3	9
TOTAL CRUST. SP.		8	4	2	3.0	3.0	2	4	1.0	0.6	2.3	9
GAMMARID INDIV.		2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5

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GAMMARID SP.	4	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
OTHER CRUSTACEAN INDIV.		2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
OTHER CRUSTACEAN SP.	4	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL ECHINODERM INDIV.		2	0	4	2.0	2.0	0	4	2.0	1.2	4.5	6
TOTAL ECHINODERM SP.	1	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
TOTAL MOLLUSC INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL MOLLUSC SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL POLYCHAETE INDIV.		54	73	75	67.3	64.5	54	75	11.6	6.7	26.1	202
TOTAL POLYCHAETE SP.	28	17	18	19	18.0	18.0	17	19	1.0	0.6	2.3	54

STANUM	STATION	IDORG	DATE	LEG
48011	KING HARBOR	1700	02/05/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	7	1	2	3.3	4.0	1	7	3.2	1.9	7.2	10
Cumella cf californica	Cumacea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Gammaridea	0	4	1	1.7	2.0	0	4	2.1	1.2	4.7	5
Grandidierella japonica	Gammaridea	3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5
Listriella melanica	Gammaridea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Gammaridea	2	6	1	3.0	3.5	1	6	2.6	1.5	6.0	9
Colanthurus squamosissima	Isopoda	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Euphilomedes carcharodonta	Ostracoda	15	31	18	21.3	23.0	15	31	8.5	4.9	19.1	64
Parasterope sp	Ostracoda	5	3	5	4.3	4.0	3	5	1.2	0.7	2.6	13
Rutiderma lomae	Ostracoda	11	7	12	10.0	9.5	7	12	2.6	1.5	6.0	30
Rutiderma rostratum	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leptocheilia dubia	Tanaidacea	0	6	0	2.0	3.0	0	6	3.5	2.0	7.8	6
Zeuxo normani	Tanaidacea	40	51	78	56.3	59.0	40	78	19.6	11.3	44.0	169
Theora fragilis	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Transennella tantilla	Bivalvia	40	22	49	37.0	35.5	22	49	13.7	7.9	30.9	111
Acteocina sp.	Gastropoda	11	14	7	10.7	10.5	7	14	3.5	2.0	7.9	32
Exogone lourei	Polychaeta	13	16	14	14.3	14.5	13	16	1.5	0.9	3.4	43
Polydora sp.	Polychaeta	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Ampharetidae spp. juv.	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelocheata monilaris	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelocheata sp(p)	Polychaete	1	4	0	1.7	2.0	0	4	2.1	1.2	4.7	5
Apoprionospio pygmaea	Polychaete	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Armandia brevis	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Brania brevipharyngea	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

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Capitella capitata	Polychaete	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Caulerliella pacifica	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirriformia spirabrancha	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Dorvillea longicornis	Polychaete	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Euclymeninae sp. A	Polychaete	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Fabricinuda limnicola	Polychaete	2	4	10	5.3	6.0	2	10	4.2	2.4	9.4	16
Leitoscoloplos pugettensis	Polychaete	17	10	9	12.0	13.0	9	17	4.4	2.5	9.8	36
Mediomastus ambiseta	Polychaete	5	2	6	4.3	4.0	2	6	2.1	1.2	4.7	13
Mediomastus californiensis	Polychaete	7	5	1	4.3	4.0	1	7	3.1	1.8	6.9	13
Mediomastus sp(p)	Polychaete	10	4	2	5.3	6.0	2	10	4.2	2.4	9.4	16
Monticellina cryptica	Polychaete	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Monticellina siblina	Polychaete	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Nephtys caecoides	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nereis procerca	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Notomastus tenuis	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pherusa capulata	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Polyophthalmus pictus	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio heterobranchia	Polychaete	3	1	7	3.7	4.0	1	7	3.1	1.8	6.9	11
Pseudopolydora paucibranchiata	Polychaete	72	41	39	50.7	55.5	39	72	18.5	10.7	41.6	152
Scoloplos sp.	Polychaete	4	0	0	1.3	2.0	0	4	2.3	1.3	5.2	4
Scyphoproctus oculatus	Polychaete	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Sphaerosyllis californiensis	Polychaete	8	5	4	5.7	6.0	4	8	2.1	1.2	4.7	17
Anthozoa	Anthozoa	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Nematoda	Nematoda	1	2	4	2.3	2.5	1	4	1.5	0.9	3.4	7
Nemertea	Nemertea	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
Oligochaeta	Oligochaeta	8	17	8	11.0	12.5	8	17	5.2	3.0	11.7	33
TOTAL INDIVIDUALS		308	278	280	288.7	293.0	278	308	16.8	9.7	37.7	866
TOTAL SPECIES	50	38	39	23	33.3	31.0	23	39	9.0	5.2	20.2	100
TOTAL CRUST. INDIV.		84	115	118	105.7	101.0	84	118	18.8	10.9	42.4	317
TOTAL CRUST. SP.	13	8	13	8	9.7	10.5	8	13	2.9	1.7	6.5	29
GAMMARID INDIV.		5	12	3	6.7	7.5	3	12	4.7	2.7	10.6	20
GAMMARID SP.	4	2	4	3	3.0	3.0	2	4	1.0	0.6	2.3	9
OTHER CRUSTACEAN INDIV.		79	103	115	99.0	97.0	79	115	18.3	10.6	41.2	297
OTHER CRUSTACEAN SP.	9	6	9	5	6.7	7.0	5	9	2.1	1.2	4.7	20
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		51	37	56	48.0	46.5	37	56	9.8	5.7	22.2	144
TOTAL MOLLUSC SP.	3	2	3	2	2.3	2.5	2	3	0.6	0.3	1.3	7
TOTAL POLYCHAETE INDIV.		159	105	94	119.3	126.5	94	159	34.8	20.1	78.3	358

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TOTAL POLYCHAETE SP. 30 24 20 11 | 18.3 17.5 11 24 6.7 3.8 15.0 55

STANUM STATION IDORG DATE LEG
40023.1 ALAMITOS BAY-LONG BEACH MARINA 1701 02/04/97 48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Rudilemboides stenopropodus	Gammaridea	18	4	8	10.0	11.0	4	18	7.2	4.2	16.2	30
Parasterope sp	Ostracoda	8	10	31	16.3	19.5	8	31	12.7	7.4	28.7	49
Holothuroidea	Holothuroidea	8	0	3	3.7	4.0	0	8	4.0	2.3	9.1	11
Mysella sp.	Bivalvia	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Protothaca staminea	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tagelus subteres	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tellina modesta	Bivalvia	5	1	0	2.0	2.5	0	5	2.6	1.5	6.0	6
Theora fragilis	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphicteis scaphobranchiata	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Apoprionospio pygmaea	Polychaete	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Armandia brevis	Polychaete	2	2	4	2.7	3.0	2	4	1.2	0.7	2.6	8
Cirratulidae spp. indet.	Polychaete	4	0	0	1.3	2.0	0	4	2.3	1.3	5.2	4
Cossura candida	Polychaete	4	2	0	2.0	2.0	0	4	2.0	1.2	4.5	6
Euchone limnicola	Polychaete	3	2	3	2.7	2.5	2	3	0.6	0.3	1.3	8
Exogone uniformis	Polychaete	8	0	5	4.3	4.0	0	8	4.0	2.3	9.1	13
Goniada littorea	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaete	4	1	1	2.0	2.5	1	4	1.7	1.0	3.9	6
Mediomastus ambiseta	Polychaete	107	92	72	90.3	89.5	72	107	17.6	10.1	39.5	271
Mediomastus californiensis	Polychaete	18	11	12	13.7	14.5	11	18	3.8	2.2	8.5	41
Mediomastus sp(p)	Polychaete	202	185	203	196.7	194.0	185	203	10.1	5.8	22.8	590
Nephtys cornuta	Polychaete	3	0	1	1.3	1.5	0	3	1.5	0.9	3.4	4
Notomastus latericeus	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Polydora cornuta	Polychaete	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Prionospio heterobranchia	Polychaete	9	11	16	12.0	12.5	9	16	3.6	2.1	8.1	36
Prionospio lighti	Polychaete	8	3	12	7.7	7.5	3	12	4.5	2.6	10.1	23
Pseudopolydora paucibranchiata	Polychaete	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
Scoletoma zonata	Polychaete	3	0	3	2.0	1.5	0	3	1.7	1.0	3.9	6
Scoloplos sp.	Polychaete	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Sphaerosyllis californiensis	Polychaete	4	2	5	3.7	3.5	2	5	1.5	0.9	3.4	11
Spiophanes duplex	Polychaete	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3

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Nematoda	Nematoda	5	1	6	4.0	3.5	1	6	2.6	1.5	6.0	12
Nemertea	Nemertea	1	5	0	2.0	2.5	0	5	2.6	1.5	6.0	6
Oligochaeta	Oligochaeta	7	5	3	5.0	5.0	3	7	2.0	1.2	4.5	15
Phoronida	Phoronida	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Platyhelminthes	Platyhelminthes	5	0	0	1.7	2.5	0	5	2.9	1.7	6.5	5
	TOTAL INDIVIDUALS	453	345	391	396.3	399.0	345	453	54.2	31.3	121.9	1189
	TOTAL SPECIES	37	32	23	25.0	26.0	20	32	6.2	3.6	14.1	75
	TOTAL CRUST. INDIV.		27	14	27.0	27.0	14	40	13.0	7.5	29.3	81
	TOTAL CRUST. SP.	3	3	2	2.7	2.5	2	3	0.6	0.3	1.3	8
	GAMMARID INDIV.		18	4	10.0	11.0	4	18	7.2	4.2	16.2	30
	GAMMARID SP.	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
	OTHER CRUSTACEAN INDIV.		9	10	17.0	20.5	9	32	13.0	7.5	29.3	51
	OTHER CRUSTACEAN SP.	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
	TOTAL ECHINODERM INDIV.		8	0	3.7	4.0	0	8	4.0	2.3	9.1	11
	TOTAL ECHINODERM SP.	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL MOLLUSC INDIV.		8	3	3.7	4.0	0	8	4.0	2.3	9.1	11
	TOTAL MOLLUSC SP.	5	3	3	2.0	1.5	0	3	1.7	1.0	3.9	6
	TOTAL POLYCHAETE INDIV.		390	317	348.7	353.5	317	390	37.4	21.6	84.3	1046
	TOTAL POLYCHAETE SP.	23	20	15	16.3	17.0	14	20	3.2	1.9	7.2	49

STANUM	STATION	IDORG	DATE	LEG
48012	CHANNEL IS. HARBOR- FRONT	1702	02/03/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
Cumella cf californica	Cumacea	1	4	8	4.3	4.5	1	8	3.5	2.0	7.9	13
Ampelisca cristata	Gammaridea	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Amphideutopus oculatus	Gammaridea	30	41	23	31.3	32.0	23	41	9.1	5.2	20.4	94
Grandidierella japonica	Gammaridea	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Rudilemboides stenopropodus	Gammaridea	0	5	7	4.0	3.5	0	7	3.6	2.1	8.1	12
Euphilomedes carcharodonta	Ostracoda	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Leptochelia dubia	Tanaidacea	2	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8
Zeuxo normani	Tanaidacea	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Holothuroidea	Holothuroidea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cardiida	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Tellina modesta	Bivalvia	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Exogone lourei	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Haploscoloplos sp.	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

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Amacana occidentalis	Polychaete	2	5	4	3.7	3.5	2	5	1.5	0.9	3.4	11	
Amphicteis scaphobranchiata	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cossura candida	Polychaete	36	10	9	18.3	22.5	9	36	15.3	8.8	34.4	55	
Euchone limnicola	Polychaete	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Glycinde polygnatha	Polychaete	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5	
Levinsenia gracilis	Polychaete	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
Mediomastus ambiseta	Polychaete	0	1	10	3.7	5.0	0	10	5.5	3.2	12.4	11	
Mediomastus californiensis	Polychaete	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3	
Mediomastus sp(p)	Polychaete	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3	
Metasychis disparidentatus	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Paraprionospio pinnata	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Platyhelminthes	Polychaete	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
Prionospio lighti	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Scolelepis spp. indet.	Polychaete	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
Scoletoma zonata	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Sphaerosyllis californiensis	Polychaete	0	2	13	5.0	6.5	0	13	7.0	4.0	15.8	15	
Anthozoa	Anthozoa	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nemertea	Nemertea	4	3	4	3.7	3.5	3	4	0.6	0.3	1.3	11	
Oligochaeta	Oligochaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	99	86	97	94.0	92.5	86	99	7.0	4.0	15.8	282	
	TOTAL SPECIES	33	25	19	19	21.0	22.0	19	25	3.5	2.0	7.8	63
	TOTAL CRUST. INDIV.	38	58	45	47.0	48.0	38	58	10.1	5.9	22.8	141	
	TOTAL CRUST. SP.	9	7	8	6	7.0	7.0	6	8	1.0	0.6	2.3	21
	GAMMARID INDIV.	31	49	30	36.7	39.5	30	49	10.7	6.2	24.1	110	
	GAMMARID SP.	4	2	4	2	2.7	3.0	2	4	1.2	0.7	2.6	8
	OTHER CRUSTACEAN INDIV.	7	9	15	10.3	11.0	7	15	4.2	2.4	9.4	31	
	OTHER CRUSTACEAN SP.	5	5	4	4	4.3	4.5	4	5	0.6	0.3	1.3	13
	TOTAL ECHINODERM INDIV.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL ECHINODERM SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5	
	TOTAL MOLLUSC SP.	2	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL POLYCHAETE INDIV.	54	23	45	40.7	38.5	23	54	15.9	9.2	35.9	122	
	TOTAL POLYCHAETE SP.	18	15	8	9	10.7	11.5	8	15	3.8	2.2	8.5	32

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
48013	WEST MUGU LAGOON- A1 (X2)	1703	02/06/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Mayerella banksia	Caprellida	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium insidiosum	Gammaridea	31	44	23	32.7	33.5	23	44	10.6	6.1	23.8	98
Boccardia proboscidea	Polychaete	7	9	11	9.0	9.0	7	11	2.0	1.2	4.5	27
Capitella capitata	Polychaete	6	6	15	9.0	10.5	6	15	5.2	3.0	11.7	27
Polydora cornuta	Polychaete	6	15	19	13.3	12.5	6	19	6.7	3.8	15.0	40
Pseudopolydora paucibranchiata	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Streblospio benedicti	Polychaete	15	29	38	27.3	26.5	15	38	11.6	6.7	26.1	82
Nemertea	Nemertea	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Oligochaeta	Oligochaeta	15	166	147	109.3	90.5	15	166	82.2	47.5	185.1	328
	TOTAL INDIVIDUALS	83	272	253	202.7	177.5	83	272	104.1	60.1	234.2	608
	TOTAL SPECIES	9	7	9	7.3	7.5	6	9	1.5	0.9	3.4	22
	TOTAL CRUST. INDIV.	31	45	23	33.0	34.0	23	45	11.1	6.4	25.1	99
	TOTAL CRUST. SP.	2	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	GAMMARID INDIV.	31	44	23	32.7	33.5	23	44	10.6	6.1	23.8	98
	GAMMARID SP.	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
	OTHER CRUSTACEAN INDIV.	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL POLYCHAETE INDIV.	34	60	83	59.0	58.5	34	83	24.5	14.2	55.2	177
	TOTAL POLYCHAETE SP.	5	4	5	4.3	4.5	4	5	0.6	0.3	1.3	13

STANUM	STATION	IDORG	DATE	LEG
48014	WEST MUGU LAGOON- A2 (X3)	1704	02/06/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Corophium insidiosum	Gammaridea	16	4	6	8.7	10.0	4	16	6.4	3.7	14.5	26
Acteocina sp.	Gastropoda	32	1	29	20.7	16.5	1	32	17.1	9.9	38.5	62
Boccardia proboscidea	Polychaete	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Capitella capitata	Polychaete	36	34	15	28.3	25.5	15	36	11.6	6.7	26.1	85
Eteone californica	Polychaete	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2

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Mediomastus sp(p)	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Polydora cornuta	Polychaete	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5	
Streblospio benedicti	Polychaete	94	180	89	121.0	134.5	89	180	51.2	29.5	115.1	363	
Nematoda	Nematoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Nemertea	Nemertea	1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4	
Oligochaeta	Oligochaeta	201	323	320	281.3	262.0	201	323	69.6	40.2	156.6	844	
	TOTAL INDIVIDUALS	386	547	463	465.3	466.5	386	547	80.5	46.5	181.2	1396	
	TOTAL SPECIES	11	10	8	7	8.3	8.5	7	10	1.5	0.9	3.4	25
	TOTAL CRUST. INDIV.	16	4	6	8.7	10.0	4	16	6.4	3.7	14.5	26	
	TOTAL CRUST. SP.	1	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
	GAMMARID INDIV.	16	4	6	8.7	10.0	4	16	6.4	3.7	14.5	26	
	GAMMARID SP.	1	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
	OTHER CRUSTACEAN INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	OTHER CRUSTACEAN SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.	32	1	29	20.7	16.5	1	32	17.1	9.9	38.5	62	
	TOTAL MOLLUSC SP.	1	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
	TOTAL POLYCHAETE INDIV.	135	219	105	153.0	162.0	105	219	59.1	34.1	133.0	459	
	TOTAL POLYCHAETE SP.	6	5	5	3	4.3	4.0	3	5	1.2	0.7	2.6	13

STANUM	STATION	IDORG	DATE	LEG
48015	CENTRAL MUGU LAGOON- B1 (X4)	1705	02/06/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Capitella capitata	Polychaete	1	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6	
Eteone californica	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mediomastus ambiseta	Polychaete	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5	
Mediomastus sp(p)	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Notomastus tenuis	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Prionospio lighti	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Streblospio benedicti	Polychaete	9	2	4	5.0	5.5	2	9	3.6	2.1	8.1	15	
Halacaridae	Mite	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Oligochaeta	Oligochaeta	8	60	22	30.0	34.0	8	60	26.9	15.5	60.5	90	
	TOTAL INDIVIDUALS	22	66	34	40.7	44.0	22	66	22.7	13.1	51.2	122	
	TOTAL SPECIES	9	6	4	8	6.0	6.0	4	8	2.0	1.2	4.5	18
	TOTAL CRUST. INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL CRUST. SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	

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GAMMARID INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL POLYCHAETE INDIV.		13	6	12	10.3	9.5	6	13	3.8	2.2	8.5	31
TOTAL POLYCHAETE SP.	7	4	3	7	4.7	5.0	3	7	2.1	1.2	4.7	14

STANUM	STATION	IDORG	DATE	LEG
48016	CENTRAL MUGU LAGOON- B2 (X3)	1706	02/06/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Cooperella subdiaphana	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Acteocina sp.	Gastropoda	35	0	5	13.3	17.5	0	35	18.9	10.9	42.6	40
Capitella capitata	Polychaete	10	24	4	12.7	14.0	4	24	10.3	5.9	23.1	38
Eteone californica	Polychaete	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
Mediomastus ambiseta	Polychaete	1	2	5	2.7	3.0	1	5	2.1	1.2	4.7	8
Mediomastus sp(p)	Polychaete	19	1	14	11.3	10.0	1	19	9.3	5.4	20.9	34
Polydora cornuta	Polychaete	0	7	0	2.3	3.5	0	7	4.0	2.3	9.1	7
Pseudopolydora paucibranchiata	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Streblospio benedicti	Polychaete	102	88	142	110.7	115.0	88	142	28.0	16.2	63.1	332
Nematoda	Nematoda	5	2	0	2.3	2.5	0	5	2.5	1.5	5.7	7
Nemertea	Nemertea	7	1	2	3.3	4.0	1	7	3.2	1.9	7.2	10
Oligochaeta	Oligochaeta	309	255	136	233.3	222.5	136	309	88.5	51.1	199.2	700
TOTAL INDIVIDUALS		490	381	312	394.3	401.0	312	490	89.7	51.8	201.9	1183
TOTAL SPECIES		12	10	9	9.3	9.5	9	10	0.6	0.3	1.3	28
TOTAL CRUST. INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL CRUST. SP.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
GAMMARID INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
GAMMARID SP.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN SP.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		35	0	6	13.7	17.5	0	35	18.7	10.8	42.1	41

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TOTAL MOLLUSC SP.	2	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
TOTAL POLYCHAETE INDIV.		134	123	168	141.7	145.5	123	168	23.5	13.5	52.8	425
TOTAL POLYCHAETE SP.	7	6	6	5	5.7	5.5	5	6	0.6	0.3	1.3	17

STANUM	STATION	IDORG	DATE	LEG
48017	EAST MUGU LAGOON- C1 (X1)	1707	02/06/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS								
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
Corophium insidiosum	Gammaridea	3	2	3	2.7	2.5	2	3	0.6	0.3	1.3	8	
Acteocina sp.	Gastropoda	40	41	45	42.0	42.5	40	45	2.6	1.5	6.0	126	
Bulla gouldiana	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Capitella capitata	Polychaete	42	40	35	39.0	38.5	35	42	3.6	2.1	8.1	117	
Eteone californica	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Mediomastus sp(p)	Polychaete	1	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6	
Polydora cornuta	Polychaete	5	1	8	4.7	4.5	1	8	3.5	2.0	7.9	14	
Streblospio benedicti	Polychaete	145	176	210	177.0	177.5	145	210	32.5	18.8	73.2	531	
Nematoda	Nematoda	4	14	6	8.0	9.0	4	14	5.3	3.1	11.9	24	
Nemertea	Nemertea	3	8	0	3.7	4.0	0	8	4.0	2.3	9.1	11	
Oligochaeta	Oligochaeta	269	179	181	209.7	224.0	179	269	51.4	29.7	115.6	629	
Phoronida	Phoronida	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	TOTAL INDIVIDUALS	513	465	491	489.7	489.0	465	513	24.0	13.9	54.1	1469	
	TOTAL SPECIES	12	10	10	9.7	9.5	9	10	0.6	0.3	1.3	29	
	TOTAL CRUST. INDIV.		3	2	3	2.7	2.5	2	3	0.6	0.3	8	
	TOTAL CRUST. SP.	1	1	1	1	1.0	1	1	0.0	0.0	0.0	3	
	GAMMARID INDIV.		3	2	3	2.7	2.5	2	3	0.6	0.3	8	
	GAMMARID SP.	1	1	1	1	1.0	1	1	0.0	0.0	0.0	3	
	OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0	
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0	0	0.0	0.0	0.0	0	
	TOTAL MOLLUSC INDIV.		40	42	45	42.3	42.5	40	45	2.5	1.5	5.7	127
	TOTAL MOLLUSC SP.	2	1	2	1	1.3	1.5	1	2	0.6	0.3	4	
	TOTAL POLYCHAETE INDIV.		193	220	256	223.0	224.5	193	256	31.6	18.2	71.1	669
	TOTAL POLYCHAETE SP.	5	4	4	5	4.3	4.5	4	5	0.6	0.3	13	

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STANUM	STATION	IDORG	DATE	LEG
48018	EAST MUGU LAGOON- C2 (X2)	1708	02/06/97	48

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Corophium insidiosum	Gammaridea	9	2	10	7.0	6.0	2	10	4.4	2.5	9.8	21
Grandidierella japonica	Gammaridea	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Cooperella subdiaphana	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Acteocina sp.	Gastropoda	58	40	31	43.0	44.5	31	58	13.7	7.9	30.9	129
Spiophanes bombyx	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Capitella capitata	Polychaete	27	33	38	32.7	32.5	27	38	5.5	3.2	12.4	98
Eteone californica	Polychaete	2	4	1	2.3	2.5	1	4	1.5	0.9	3.4	7
Mediomastus ambiseta	Polychaete	0	4	2	2.0	2.0	0	4	2.0	1.2	4.5	6
Mediomastus sp(p)	Polychaete	2	5	4	3.7	3.5	2	5	1.5	0.9	3.4	11
Streblospio benedicti	Polychaete	77	118	119	104.7	98.0	77	119	24.0	13.8	53.9	314
Nematoda	Nematoda	3	2	6	3.7	4.0	2	6	2.1	1.2	4.7	11
Nemertea	Nemertea	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Oligochaeta	Oligochaeta	59	516	281	285.3	287.5	59	516	228.5	131.9	514.2	856
Phoronida	Phoronida	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	239	726	495	486.7	482.5	239	726	243.6	140.6	548.1	1460
	TOTAL SPECIES	14	10	11	10.7	10.5	10	11	0.6	0.3	1.3	32
	TOTAL CRUST. INDIV.		9	2	7.7	7.0	2	12	5.1	3.0	11.5	23
	TOTAL CRUST. SP.	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	GAMMARID INDIV.		9	2	7.7	7.0	2	12	5.1	3.0	11.5	23
	GAMMARID SP.	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	OTHER CRUSTACEAN INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		58	41	43.3	44.5	31	58	13.7	7.9	30.7	130
	TOTAL MOLLUSC SP.	2	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL POLYCHAETE INDIV.		108	164	145.7	136.5	108	165	32.6	18.8	73.4	437
	TOTAL POLYCHAETE SP.	6	4	5	5.0	5.0	4	6	1.0	0.6	2.3	15

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STANUM	STATION	IDORG	DATE	LEG
49004	KAISER INTL.- BERTH 49	1793	08/21/97	54

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
<i>Amphideutopus oculus</i>	Gammaridea	4	3	11	6.0	7.0	3	11	4.4	2.5	9.8	18
<i>Listriella melanica</i>	Gammaridea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Paramicrodentopus schmitti</i>	Gammaridea	4	5	10	6.3	7.0	4	10	3.2	1.9	7.2	19
<i>Photis</i> sp.	Gammaridea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Synchelidium</i> sp.	Gammaridea	5	0	2	2.3	2.5	0	5	2.5	1.5	5.7	7
<i>Bathyleberis</i> sp.	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Euphilomedes carcharodonta</i>	Ostracoda	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
<i>Parasterope</i> sp.	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Parvilucina tenuisculpta</i>	Bivalvia	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Theora fragilis</i>	Bivalvia	14	16	12	14.0	14.0	12	16	2.0	1.2	4.5	42
<i>Philine</i> sp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Rictaxis</i> sp.	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Aphelochaeta monilaris</i>	Polychaete	6	3	2	3.7	4.0	2	6	2.1	1.2	4.7	11
<i>Aphelochaeta</i> sp(p)	Polychaete	3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5
<i>Aricidea catherinae</i>	Polychaete	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
<i>Chaetozone corona</i>	Polychaete	1	0	39	13.3	19.5	0	39	22.2	12.8	50.0	40
<i>Cossura candida</i>	Polychaete	23	31	1	18.3	16.0	1	31	15.5	9.0	35.0	55
<i>Dorvillea longicornis</i>	Polychaete	0	0	9	3.0	4.5	0	9	5.2	3.0	11.7	9
<i>Euchone limnicola</i>	Polychaete	18	3	0	7.0	9.0	0	18	9.6	5.6	21.7	21
<i>Eunice americana</i>	Polychaete	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
<i>Eunicidae</i> , unident.	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Glycera americana</i>	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Laonice cirrata</i>	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Leitoscoloplos pugettensis</i>	Polychaete	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
<i>Mediomastus ambiseta</i>	Polychaete	3	4	2	3.0	3.0	2	4	1.0	0.6	2.3	9
<i>Mediomastus</i> sp(p)	Polychaete	0	3	1	1.3	1.5	0	3	1.5	0.9	3.4	4
<i>Melinna oculata</i>	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Monticellina cryptica</i>	Polychaete	0	0	12	4.0	6.0	0	12	6.9	4.0	15.6	12
<i>Monticellina siblina</i>	Polychaete	23	26	8	19.0	17.0	8	26	9.6	5.6	21.7	57
<i>Nephtys caecoides</i>	Polychaete	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
<i>Nephtys cornuta</i>	Polychaete	5	5	1	3.7	3.0	1	5	2.3	1.3	5.2	11
<i>Paraprionospio pinnata</i>	Polychaete	2	1	3	2.0	2.0	1	3	1.0	0.6	2.3	6
<i>Pista fasciata</i>	Polychaete	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
<i>Prionospio heterobranchia</i>	Polychaete	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3

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Prionospio lighti	Polychaete	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
Pseudopolydora paucibranchiata	Polychaete	3	0	1	1.3	1.5	0	3	1.5	0.9	3.4	4
Scoletoma tetroura	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Spiophanes duplex	Polychaete	4	4	0	2.7	2.0	0	4	2.3	1.3	5.2	8
Enteropneust	Enteropneusta	2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
Nemertea	Nemertea	0	3	2	1.7	1.5	0	3	1.5	0.9	3.4	5
Oligochaeta	Oligochaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Phoronida	Phoronida	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL INDIVIDUALS	127	118	136	127.0	127.0	118	136	9.0	5.2	20.3	381
	TOTAL SPECIES	42	23	23	25.7	27.0	23	31	4.6	2.7	10.4	77
	TOTAL CRUST. INDIV.		14	10	17.0	18.5	10	27	8.9	5.1	20.0	51
	TOTAL CRUST. SP.	8	4	4	5.0	5.5	4	7	1.7	1.0	3.9	15
	GAMMARID INDIV.		13	8	15.3	16.5	8	25	8.7	5.0	19.7	46
	GAMMARID SP.	5	3	2	3.3	3.5	2	5	1.5	0.9	3.4	10
	OTHER CRUSTACEAN INDIV.		1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
	OTHER CRUSTACEAN SP.	3	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
	TOTAL ECHINODERM INDIV.		0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		15	17	15.3	15.5	14	17	1.5	0.9	3.4	46
	TOTAL MOLLUSC SP.	4	2	2	2.3	2.5	2	3	0.6	0.3	1.3	7
	TOTAL POLYCHAETE INDIV.		94	86	90.3	90.0	86	94	4.0	2.3	9.1	271
	TOTAL POLYCHAETE SP.	26	14	14	15.7	16.5	14	19	2.9	1.7	6.5	47

STANUM	STATION	IDORG	DATE	LEG
49005	KAISER INTL.- BERTH 48	1794	08/21/97	54

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Amphideutopus oculatus	Gammaridea	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Corophium heteroceratum	Gammaridea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Grandidierella japonica	Gammaridea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Podocerus falcatus	Gammaridea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Gnathia sp.	Isopoda	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Euphilomedes carcharodonta	Ostracoda	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Parasterope sp	Ostracoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Macoma sp.	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mysella sp.	Bivalvia	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nuculana taphria	Bivalvia	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Parvilucina tenuisculpta	Bivalvia	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3

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<i>Theora fragilis</i>	Bivalvia	7	12	23	14.0	15.0	7	23	8.2	4.7	18.4	42
<i>Acteocina</i> sp.	Gastropoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Philine</i> sp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Cadulus</i> sp.	Scaphapoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Ampharete labrops</i>	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Ampharetidae, unident. (juv)	Polychaete	1	0	7	2.7	3.5	0	7	3.8	2.2	8.5	8
<i>Aphelochaeta glandaria</i>	Polychaete	3	4	10	5.7	6.5	3	10	3.8	2.2	8.5	17
<i>Aphelochaeta monilaris</i>	Polychaete	7	6	1	4.7	4.0	1	7	3.2	1.9	7.2	14
<i>Aricidea catherinae</i>	Polychaete	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
<i>Aricidea horikoshii</i>	Polychaete	1	0	29	10.0	14.5	0	29	16.5	9.5	37.0	30
<i>Cossura candida</i>	Polychaete	53	41	0	31.3	26.5	0	53	27.8	16.0	62.5	94
<i>Diopatra</i> spp. juv.	Polychaete	1	0	4	1.7	2.0	0	4	2.1	1.2	4.7	5
<i>Euchone limnicola</i>	Polychaete	9	3	0	4.0	4.5	0	9	4.6	2.6	10.3	12
Euclymeninae, unident.	Polychaete	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Glycera americana</i>	Polychaete	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Laonice cirrata</i>	Polychaete	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
<i>Leitoscoloplos pugettensis</i>	Polychaete	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
<i>Mediomastus californiensis</i>	Polychaete	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Mediomastus</i> sp(p)	Polychaete	2	4	1	2.3	2.5	1	4	1.5	0.9	3.4	7
<i>Monticellina cryptica</i>	Polychaete	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
<i>Nephtys caecoides</i>	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Nephtys comuta</i>	Polychaete	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
<i>Paraprionospio pinnata</i>	Polychaete	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
<i>Pholoe glabra</i>	Polychaete	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
<i>Prionospio lighti</i>	Polychaete	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Pseudopolydora paucibranchiata</i>	Polychaete	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
<i>Scoletoma tetraura</i>	Polychaete	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
<i>Spiophanes duplex</i>	Polychaete	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Phoronida	Phoronida	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	105	87	89	93.7	96.0	87	105	9.9	5.7	22.2	281
	TOTAL SPECIES	40	21	21	21.0	21.0	21	21	0.0	0.0	0.0	63
	TOTAL CRUST. INDIV.	2	6	4	4.0	4.0	2	6	2.0	1.2	4.5	12
	TOTAL CRUST. SP.	7	2	5	3.7	3.5	2	5	1.5	0.9	3.4	11
	GAMMARID INDIV.	1	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6
	GAMMARID SP.	4	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
	OTHER CRUSTACEAN INDIV.	1	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6
	OTHER CRUSTACEAN SP.	3	1	3	2.0	2.0	1	3	1.0	0.6	2.3	6
	TOTAL ECHINODERM INDIV.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0

Benthic Community Data

TOTAL MOLLUSC INDIV.		9	14	28	17.0	18.5	9	28	9.8	5.7	22.2	51
TOTAL MOLLUSC SP.	8	2	3	6	3.7	4.0	2	6	2.1	1.2	4.7	11
TOTAL POLYCHAETE INDIV.		94	66	57	72.3	75.5	57	94	19.3	11.1	43.4	217
TOTAL POLYCHAETE SP.	24	17	12	11	13.3	14.0	11	17	3.2	1.9	7.2	40