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SPATIAL DISTRIBUTION OF MACROBENTHIC INFAUNA IN BURRARD INLET: NOVEMBER, 1989

by

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1991

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DSS Contract No.: FP941-9-9127/01-XSA

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Fs 97-16/92E ISSN - 0711-6721

CORRECT CITATION FOR THIS PUBLICATION:

Cross, S.F. and R.O. Brinkhurst. 1991. Spatial Distribution of Macrobenthic Infauna in Burrard Inlet: November, 1989. Can. Data Rep. Hydrogr. Ocean Sci. No. 92, 35 pp.

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ABSTRACT

Cross, S.F. and R.O. Brinkhurst. 1991. Spatial Distribution of Macrobenthic Infauna in Burrard Inlet: November, 1989. Can. Data Rep. Hydrogr. Ocean Sci. No. 92, 35 pp.

In November 1989, a benthic invertebrate faunal survey was conducted in Burrard Inlet (Vancouver Harbour), British Columbia. This data report presents the results of this survey, including the species composition and respective species abundances for the 20 stations sampled.

Key Words: Benthic Infauna, Burrard Inlet, Vancouver Harbour

RESUME

Cross, S.F. and R.O. Brinkhurst. 1991. Spatial Distribution of Macrobenthic Infauna in Burrard Inlet: November, 1989. Can. Data Rep. Hydrogr. Ocean Sci. No. 92, 35 pp.

En Novembre 1989 un releve de la faune benthique des invertebres a ete realise dans l'inlet Burrard et port de Vancouver, Colombie-Britannique. Ce compte des donees present les resultats de cette enquete, y compris le melange des especes et leurs abondances respectives pour les vingt points de prise d'echantillons.

Mots cles: faune benthique, l'inlet Burrard, port de Vancouver

ACKNOWLEDGEMENTS

We thank D. Moore, B. Burd, J. Boyd and D. Goyette for sampling assistance; B. Boettger for sample sorting; and W. Austin, C. Staude, H. Jones and R. Reid for the identifications of the benthic invertebrates. This work was supported, in part, by Environment Canada, Environmental Protection.

INTRODUCTION

This report presents the macroinvertebrate community structural data compiled following a benthic survey of Burrard Inlet in November of 1989. The field sampling program was conducted by Institute of Ocean Sciences (Ocean Ecology Division) and Environment Canada (Environmental Protection) personnel, and represents a repeated survey to that performed in October of 1987 (Burd and Brinkhurst, 1990).

SAMPLING AND ANALYTICAL METHODS

1. Field sampling protocol

A total of 20 stations were sampled within Burrard Inlet, including Vancouver Harbour, during early November 1989. Figure 1 indicates the relative position of these stations within the inlet system.

At each sampling station, three replicate sediment samples were obtained using a 0.05 m.sq. Ponar grab. Sampling quality assurance and quality control (QA/QC) ensured that retained grabs contained sediments in excess of 90% of capacity. Debris and organisms retained on a 0.3 mm screen were fixed in 7% buffered formalin tinted with Rose Bengal histological stain to facilitate the subsequent sorting procedure.

2. Sample analysis

Organisms were sorted into major taxonomic groups and then identified to species (or lowest possible taxon given specimen condition and/or life history stage) and enumerated. Abundances for each taxon were standardized to numbers per grab sampling area (0.05 m.sq.).

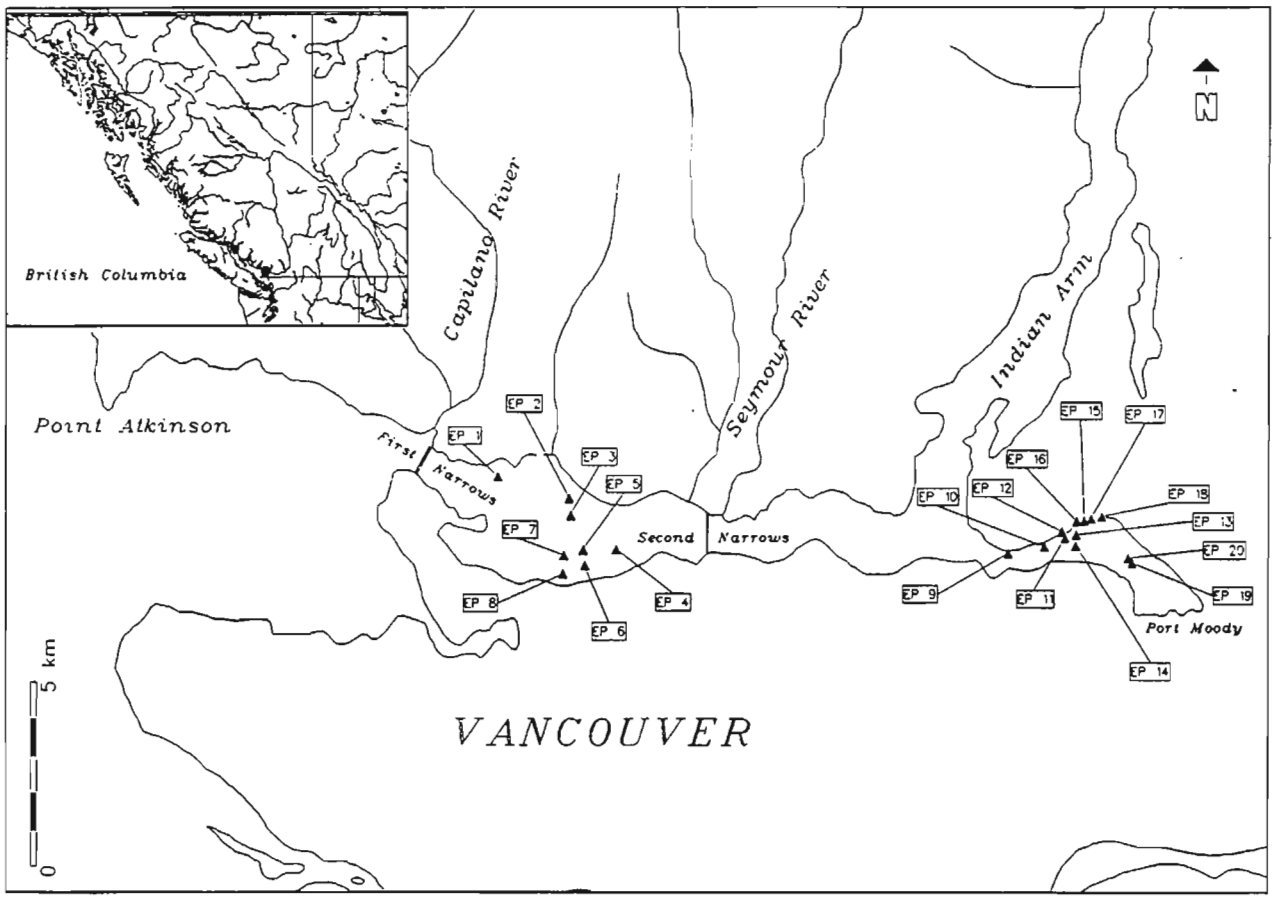
QA/QC protocols for the benthos analytical procedures consisted of a complete re-sort of 10% of the samples (6/60) selected at random. A discrepancy of 5% (maximum) of the total number of organisms found in the original sample was used as the criterion requiring re-examination of all samples. Accuracy in species identifications was assured through specimen identification by recognized taxonomic authorities (see Acknowledgements).

REFERENCES

Burd, B.J. and R.O. Brinkhurst. 1990. Vancouver Harbour benthic infaunal sampling program, October 1987. Can. Tech. Rep. Hydrogr. Ocean. Sci. 122:49p.

FIGURE 1

Location of 1989 benthic sampling stations within Burrard Inlet.



DATA SECTION

1. Species/abundance summary by station and replicate

2. 1989 Burrard Inlet benthos taxa: classification

3. 1989 Burrard Inlet benthos data
   (species abundances per 0.05 m.sq.)

TOTAL NUMBER OF SPECIES AND NUMBER OF INDIVIDUALS IN SAMPLES COLLECTED FROM BURRARD INLET - 1989.

Data presented as number of species and total abundances per 0.05 m.sq.

STATION	STATION REPLICATE	S *	TOTAL ABUNDANCE	STATION	STATION REPLICATE	S *	TOTAL ABUNDANCE
1	A	10	980.	11	A	35	765.
	B	14	1788.		B	37	456.
	C	17	1800.		C	32	590.
2	A	44	1662.	12	A	24	229.
	B	49	2132.		B	30	186.
	C	48	1488.		C	32	348.
3	A	48	509.	13	A	38	507.
	B	48	831.		B	31	535.
	C	51	752.		C	33	447.
4	A	48	358.	14	A	33	516.
	B	31	869.		B	36	605.
	C	47	1972.		C	34	358.
5	A	54	906.	15	A	18	195.
	B	51	1206.		B	16	143.
	C	53	850.		C	20	529.
6	A	32	3664.	16	A	29	717.
	B	14	1936.		B	22	238.
	C	20	1588.		C	20	239.
7	A	57	858.	17	A	13	156.
	B	56	714.		B	17	141.
	C	38	902.		C	13	110.
8	A	66	750.	18	A	26	959.
	B	57	1032.		B	20	223.
	C	45	687.		C	17	773.
9	A	39	2053.	19	A	10	107.
	B	38	1902.		B	11	54.
	C	29	1212.		C	14	189.
10	A	28	1261.	20	A	18	190.
	B	28	2032.		B	17	111.
	C	33	1372.		C	14	118.

* S = total number of taxa found in the sample

1989 BURRARD INLET BENTHOS TAXA: Classification

* Numeric Code Reference in Subsequent Data Tables

	NUMERIC * REFERENCE
ANNELIDA	
POLYCHAETA	
Ampharetidae	
Amage anops	1
Ampharete acutifrons	2
Ampharete labrops	3
Ampharete finmarchica	4
Ampharetidae sp. indet./juv	5
Amphicteis glabra	6
Amphicteis scaphobranchiata	7
Capitellidae	
Barantolla americana	14
Capitella capitata complex	15
Heteromastus filobranchus	44
Mediomastus californiensis	54
Chrysopetalidae	
Paleonotus bellis	64
Cirratulidae	
Chaetozone spinosa	16
Cirratulidae sp. Indet.	18
Cirratulus cirratus	19
Tharyx multifilis	107
Tharyx secundus	108
Cossuridae	
Cossura longocirrata	20
Dorvillidae	
Dorvillea rudolphi	21
Dorvilleidae sp. Indet.	22
Pettibonia sp. A	69
Protodorvillea gracilis	87
Flabelligeridae	
Flabelligeridae sp.	32
Glyceridae	
Glycera capitata	35
Goniadidae	
Glycinde armigera	36
Glycinde picta	37
Goniada annulata	38
Micropodarke dubia	55
Hesionidae	
Gyptis brevipalpa	39
Hessionidae sp. indet.	43
Ophiodromus pugettensis	63
Lumbrineridae	
Lumbrineris bicirrata	50
Lumbrineris luti	51
Lumbrineris sp. Indet.	52

Taxa Classification Continued

Maldanidae	
Euclymeninae sp. Indet.	25
Euclymene zonalis	27
Maldanidae sp. Indet.	53
Nereidae	
Nereis brandti	59
Nereis zonata	60
Platynereis bicanaliculata	78
Nephtyidae	
Nephtys cornuta franciscanum	57
Nephtys ferruginea	58
Opheliidae	
Armandia brevis	12
Ophelina acuminata	62
Orbiniidae	
Leitoscoloplos pugettensis	48
Naineris quadricuspida	56
Scoloplos acmeceps	93
Oweniidae	
Galathowenia oculata	33
Paraonidae	
Aricidea lopezi	10
Aricidea sp. indet.	11
Pectinariidae	
Amphictene moorei	8
Pectinaria californiensis	67
Pectinaria granulata	68
Pholoididae	
Pholoides aspera	71
Phyllodocidae	
Eteone longa	23
Eteone sp. Indet./juv	24
Eulalia bilineata	28
Eulalia viridis	29
Eumida sanguinea	30
Phyllodoce groenlandica	72
Phyllodoce hartmanae	73
Phyllodoce papillosa	74
Phyllodoce sp.	75
Pilargiidae	
Parandalia fauveli	65
Polynoidae	
Arcteobea spnelytris	9
Gattyana treadwelli	34
Harmothoe imbricata	40
Harmothoe lunulata	41
Harmothoe sp. indet.	42
Lepidonotus squamatus	49
Polynoidae sp. Indet.	84
Tenonia priops	104

Taxa Classification Continued

Sabellidae	
Chone dunneri	17
Euchone incolor	26
Idanthyrsus ornamentatus	45
Sabellaria cementarium	90
Sabellidae sp. indet.	91
Serpulidae	
Pseudochitinopoma occidentalis	88
Serpulidae sp. indet.	94
Sigalionidae	
Pholoe minuta	70
Sphaerodoridae	
Sphaerodoropsis sphaerulifer	95
Spionidae	
Laonice cirrata	47
Paraprionospio pinnata	66
Polydora brachycephala	80
Polydora cardalia	81
Polydora giardia	82
Polydora socialis	83
Prionospio lighti	85
Prionospio steenstrupi	86
Pygospio elegans	89
Spio cirrifera	97
Spionidae sp. Juv.	98
Spiophanes berkeleyorum	99
Trochochaeta multisetosa	109
Sternaspidae	
Sternaspis scutata	100
Syllidae	
Autolytus sp. Indet.	13
Exogone sp. Indet.	31
Pionosyllis uraga	76
Sphaerosyllis brandhorsti	96
Syllidae sp. Indet.	101
Syllis elongata	102
Syllis heterochaeta	103
Terebellidae	
Lanassa venusta venusta	46
Nicolea zostericola	61
Pista moori	77
Polycirrus sp. complex	79
Scionella estevanica	92
Terebellides stroemi	105
Terebellidae sp. indet.	106
OLIGOCHAETA	111
NEMERTEA	110
HIRUDINEA	112
Piscicolidae indet.	205

Taxa Classification Continued

MOLLUSCA		
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Nuculidae		
	Acila castrensis	113
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Nuculanaidae		
	Nuculana fossa	115
Yoldiidae		
	Yoldia martyria	116
	Yoldia scissurata	117
Lucinidae		
	Lucinoma annulata	118
	Parvilucina tenuisculpta	119
Thyasiridae		
	Axinopsida serricata	120
	Thyasira gouldi	121
Mytilidae		
	Modiolus rectus	122
	Mytilus edulis	123
Pectinidae		
	Chlamys hastata	124
Kelliidae		
	Mysella tumida	126
Anomiidae		
	Pododesmus macrochisma	125
Cardiidae		
	Clinocardium ciliatum	127
	Clinocardium nuttallii	128
Tellinidae		
	Macoma brota	129
	Macoma calcarea	130
	Macoma carlottensis	131
	Macoma elimata	132
	Tellina carpenteri	133
	Tellina nuculoides	134
Veneridae		
	Compsomyax subdiaphana	135
	Psephidia lordi	136
	Protothaca staminea	137
Myidae		
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Hiatellidae		
	Hiatella arctica	139
Pandoridae		
	Pandora filosa	140
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GASTROPODA		
Crepidulidae		
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Trochidae		
	Solariella obsura	143

Taxa Classification Continued

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Columbellidae
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- Mitrella tuberosa 146

Lacunidae
- Lacuna carinata 147

Cerithiidae
- Bittium munitum 148

Nassaridae
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Muricidae
- Trophonopsis orpheus 150

Buccinidae
- Amphissa versicolor 151

Pyramidellidae
- Odostomia columbiana 152
- Odostomia quadrae 153
- Odostomia vancouverensis 154
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- Turbonilla vancouverensis 156

Actaeonidae
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- Aoroides sp. indet./juvenile 163

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- Photis ?californica 187
- Photis sp. (juv) 188
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- Protomedeia sp. 191

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- Corophium sp. (juv or damaged) 169

Podoceridae
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Taxa Classification Continued

Phoxocephalidae	
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Ischyroceridae	
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Stenothoidae (?Metopella)	193
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Pleurogonium sp.	217
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Leptochelia? savignyi	179
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Leuconidae	
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COPEPODA	
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Philomedes producta	201

Taxa Classification Continued

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Cerebratulus sp.	219
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POLYCLADIDA	204
ACARINA	
Halicaridae indet.	218

1989 BURRARD INLET BENTHOS DATA

Stations EP-01, EP-02, EP-03, EP-04, EP-05

REF.	TAXON	STATION:	EP-01			EP-02			EP-03			EP-04			EP-05		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
1	Amage anops		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ampharete acutifrons		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Ampharete labrops		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Ampharete finmarchica		0	0	0	0	2	0	0	1	0	0	0	0	0	0	0
5	Ampharetidae sp. indet./juv		0	0	0	2	0	1	66	40	54	0	0	0	0	0	0
6	Amphicteis glabra		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Amphicteis scaphobranchiata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Amphictene moori		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Arcteobea spnelytris		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Aricidea lopezi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Aricidea sp. indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Armandia brevis		4	2	14	42	59	21	3	3	4	33	10	12	33	11	27
13	Autolytus sp. Indet.		0	0	0	0	0	1	3	3	9	0	0	0	0	0	0
14	Barantolla americana		0	0	0	1	0	0	12	3	10	0	0	0	0	0	0
15	Capitella capitata complex		226	429	394	2	7	0	3	1	0	0	3	0	2	2	0
16	Chaetozone spinosa		0	0	0	3	12	8	0	0	1	1	2	5	3	9	4
17	Chone dunneri		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Cirratulidae sp. Indet.		0	0	0	1	0	3	0	0	1	4	6	3	3	0	0
19	Cirratulus cirratus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cossura longocirrata		0	0	0	0	8	7	8	17	9	27	22	43	28	34	20
21	Dorvillea rudolphi		3	3	4	0	0	2	0	1	0	3	1	3	0	1	0
22	Dorvilleidae sp. Indet.		0	0	0	1	0	0	0	0	3	0	0	0	0	0	0
23	Eteone longa		0	1	1	0	4	2	4	1	10	2	1	4	3	7	3
24	Eteone sp. Indet./juv		0	1	0	0	0	1	0	0	1	1	0	0	1	0	2
25	Euclymeninae sp. Indet.		0	0	0	0	1	0	4	4	2	0	0	0	0	2	0
26	Euchone incolor		0	0	0	8	6	5	0	0	1	4	6	40	14	10	12
27	Euclymene zonalis		0	0	0	0	0	1	0	1	0	1	0	0	0	0	1
28	Eulalia bilineata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Eulalia viridis		0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
30	Eumida sanguinea		0	0	0	2	2	0	0	0	1	0	0	0	0	3	0
31	Exogone sp. Indet.		0	0	0	6	6	3	1	0	0	9	3	16	5	12	13
32	Flabelligeridae sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Galathowenia oculata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Gattyana treadwelli		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	Glycera capitata		0	0	0	1	1	1	1	0	0	1	0	1	1	4	5
36	Glycinde armigera		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
37	Glycinde picta		0	0	0	0	0	1	6	1	0	0	0	0	0	0	0
38	Goniada annulata		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
39	Gyptis brevipalpa		0	0	3	0	2	0	5	4	8	0	0	0	0	0	0
40	Harmothoe imbricata		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
41	Harmothoe lunulata		0	0	0	0	1	0	1	2	1	0	0	1	0	0	1
42	Harmothoe sp. indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Hessionidae sp.		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
44	Heteromastus filobranchus		0	0	0	0	0	0	0	0	0	1	0	0	1	0	1

1989 BURRARD INLET BENTHOS DATA

Stations EP-01, EP-02, EP-03, EP-04, EP-05 Continued

REF.	TAXON	STATION:	EP-01			EP-02			EP-03			EP-04			EP-05		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
45	Idanthyrsus ornamentatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Lanassa venusta venusta		0	0	0	0	0	1	1	1	0	0	1	2	0	0	0
47	Laonice cirrata		0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
48	Leitoscoloplos pugettensis		0	0	0	0	0	1	1	0	0	3	0	1	0	0	0
49	Lepidonotus squamatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Lumbrineris bicirrata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Lumbrineris luti		0	0	0	1	4	0	45	55	32	0	0	0	8	6	0
52	Lumbrineris sp. Indet.		0	0	0	1	2	0	0	1	2	2	1	3	9	3	15
53	Maldanidae sp. Indet.		0	0	0	0	0	1	2	0	3	1	0	0	3	0	4
54	Mediomastus californiensis		0	0	0	4	3	5	0	0	2	0	1	0	4	2	3
55	Micropodarke dubia		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Naineris quadricuspida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Nephtys cornuta franciscanum		0	1	0	20	30	47	8	7	9	83	47	64	42	42	32
58	Nephtys ferruginea		0	0	0	0	0	1	1	3	0	0	0	0	0	0	0
59	Nereis brandti		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Nereis zonata		1	0	1	0	1	0	5	5	2	2	0	0	0	0	1
61	Nicolea zostericola		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	Ophelina acuminata		0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
63	Ophiodromus pugettensis		0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
64	Paleonotus bellis		0	0	0	1	1	0	1	0	0	0	0	0	0	0	1
65	Parandalia fauveli		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Paraprionospio pinnata		0	0	0	0	0	0	0	0	0	1	0	1	1	0	0
67	Pectinaria californiensis		0	1	0	4	4	3	0	0	2	0	1	2	3	5	0
68	Pectinaria granulata		0	0	1	0	1	0	1	0	0	2	0	0	0	0	0
69	Pettibonia sp. A		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Pholoe minuta		1	0	0	0	3	2	1	0	5	2	0	1	3	4	1
71	Pholoides aspera		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
72	Phyllodoce groenlandica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Phyllodoce hartmanae		0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
74	Phyllodoce papillosa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Phyllodoce sp.		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
76	Pionosyllis uraga		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
77	Pista moori		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Platynereis bicanaliculata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Polycirrus sp. complex		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
80	Polydora brachycephala		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Polydora cardalia		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
82	Polydora giardia		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Polydora socialis		0	0	1	1	3	1	0	1	2	1	0	4	0	0	0
84	Polynoidae sp. Indet.		0	0	0	1	2	0	6	3	3	1	0	0	0	0	2
85	Prionospio lighti		0	0	0	5	7	2	2	1	3	5	2	2	5	12	3
86	Prionospio steenstrupi		0	0	0	5	7	7	0	3	1	5	3	4	6	3	6
87	Protodorvillea gracilis		0	0	0	1	0	0	0	3	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-01, EP-02, EP-03, EP-04, EP-05 Continued

	STATION:	EP-01			EP-02			EP-03			EP-04			EP-05		
	REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
REF.	TAXON															
88	Pseudochitinopoma occidentalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Pygospio elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Sabellaria cementarium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Sabellidae sp. indet.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Scionella estevanica	0	0	0	0	3	0	6	11	12	0	0	1	0	0	0
93	Scoloplos acmeceps	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Serpulidae sp. indet.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Sphaerodoropsis sphaerulifer	0	0	0	0	1	0	0	0	1	0	2	1	3	1	4
96	Sphaerosyllis brandhorsti	0	0	0	19	84	56	0	1	0	9	10	16	14	9	10
97	Spio cirrifera	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0
98	Spionidae sp. Juv.	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
99	Spiophanes berkeleyorum	0	0	0	1	1	0	2	0	0	0	0	0	0	1	0
100	Sternaspis scutata	0	0	0	0	0	0	0	0	0	7	0	2	0	0	0
101	Syllidae sp. Indet.	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1
102	Syllis elongata	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
103	Syllis heterochaeta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Tenonia priops	0	0	0	0	1	0	10	7	5	0	0	1	1	2	1
105	Terebellides stroemi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Terebellidae sp. indet.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Tharyx multifilis	0	0	1	4	2	4	0	0	1	28	9	14	14	16	12
108	Tharyx secundus	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0
109	Trochochaeta multisetosa	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
110	NEMERTEA	0	0	0	1	1	1	2	0	0	0	0	1	0	0	2
111	OLOGOCHAETA	0	0	1	5	5	11	10	1	4	34	3	13	3	12	3
112	HIRUDINEA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Acila castrensis	0	0	0	41	53	63	0	0	3	3	0	0	0	0	0
114	Nucula tenuis	0	0	0	7	1	0	11	11	6	5	5	0	13	13	8
115	Nuculana fossa	0	0	0	0	0	1	0	2	1	2	0	1	1	1	0
116	Yoldia martyria	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
117	Yoldia scissurata	0	0	0	0	0	0	2	0	2	3	0	1	4	1	4
118	Lucinoma annulata	0	0	0	0	0	0	2	0	0	0	0	0	1	2	2
119	Parvilucina tenuisculpta	0	0	0	3	1	2	2	1	2	1	0	1	10	7	3
120	Axinopsida serricata	0	0	0	0	0	0	0	0	0	24	56	94	92	145	103
121	Thyasira gouldi	0	0	1	6	18	12	52	95	77	0	0	0	1	0	0
122	Modiolus rectus	0	0	1	0	0	0	0	0	0	0	2	0	1	1	1
123	Mytilus edulis	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0
124	Chlamys hastata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pododesmus macrochisma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Mysella tumida	0	0	0	1	0	0	0	0	0	1	1	0	0	1	0
127	Clinocardium ciliatum	1	1	1	0	0	0	0	1	0	0	0	0	0	2	0
128	Clinocardium nuttallii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Macoma brota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-01, EP-02, EP-03, EP-04, EP-05 Continued

REF.	TAXON	STATION:	EP-01			EP-02			EP-03			EP-04			EP-05		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
130	Macoma calcarea		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	Macoma carlottensis		0	0	6	1	0	0	24	12	8	13	8	3	10	9	6
132	Macoma elimata		0	0	0	1	2	0	0	5	1	0	0	0	5	5	3
133	Tellina carpenteri		0	0	0	0	0	1	6	0	0	0	0	0	0	0	0
134	Tellina nuculoides		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Compsomyax subdiaphana		0	0	0	0	0	0	3	3	3	0	0	0	7	5	5
136	Psephidia lordi		0	0	0	66	98	49	41	27	29	8	14	52	52	114	63
137	Protothaca staminea		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	Mya arenaria		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139	Hiatella arctica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Pandora filosa		0	0	0	0	0	1	1	1	0	0	0	0	2	0	0
141	Lyonsia californica		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
142	Crepidula adunca		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Solariella obsura		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Alvania compacta		1	1	1	130	45	8	10	51	27	1	0	1	0	0	2
145	Mitrella gausapata		0	0	0	0	0	0	0	7	0	2	0	1	0	0	0
146	Mitrella tuberosa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Lacuna carinata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Bittium munitum		0	0	0	0	0	0	0	1	1	0	0	0	5	8	5
149	Nassarius mendicus		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
150	Trophonopsis orpheus		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
151	Amphissa versicolor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Odostomia columbiana		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
153	Odostomia quadrae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Odostomia vancouverensis		0	0	0	0	0	1	3	4	0	0	0	0	3	5	2
155	Turbonilla lyalli		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Turbonilla vancouverensis		0	0	0	0	0	1	3	4	0	0	0	0	3	5	2
157	Rictaxis punctocaelatus		6	1	15	0	0	1	0	0	0	0	0	0	1	0	0
158	Philine polaris		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Accedomoera vagor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Ampelisca brevisimulata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Aoroides ?inermis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Aoroides columbiae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Aoroides sp. indet./juvenile		0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
164	Byblis millsi		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
165	Cheirimedeia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Cheirimedeia zotea		0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
167	Cheirimedeia/Protomedeia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Corophium acherusicum		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
169	Corophium sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
170	Dyopedos ?monacanthus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	Dyopedos sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Eudorella pacifica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-01, EP-02, EP-03, EP-04, EP-05 Continued

REF.	TAXON	STATION:	EP-01			EP-02			EP-03			EP-04			EP-05		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
173	Foraminiferan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	Harpacticoid copepod		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Heterophoxus oculatus		0	0	0	0	0	0	0	0	0	1	4	1	5	3	1
176	Hyperia spinigera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177	Hyperia? sp. (juv)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Ischyrocerus anguipes		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
179	Leptochelia? savignyi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Mayerella banksia		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
181	Melita desdichada		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
182	Microjassa sp.		0	0	0	3	0	1	0	0	0	0	0	0	0	0	0
183	Oedicerotidae		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
184	Orchomene pinguis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185	Pachynus cf. barnardi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186	Parathemisto? pacifica		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
187	Photis ?californica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188	Photis sp. (juv)		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
189	Pleustidae juv		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190	Protomedeia prudens		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191	Protomedeia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192	Rhepoxynius variatus		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
193	Stenothoidae (?Metopella)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194	Synchelidium rectipalmum		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195	Tritella pilimana		0	0	0	4	0	0	0	0	0	0	0	0	0	0	1
196	indet. amphipoda		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197	Westwoodilla caecula		0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
198	Eudorella pacifica		0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
199	Euphilomedes carcharodonta		0	0	0	0	15	9	5	0	2	10	9	35	5	29	4
200	Philomedidae juveniles		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
201	Philomedes producta		0	0	0	8	21	14	0	3	7	4	56	28	10	24	10
202	Amphipholis squamata		0	0	0	0	0	0	0	1	0	1	0	0	1	0	0
203	Pinnixa schmitti		0	0	0	0	0	0	0	0	0	1	0	0	1	2	1
204	Polycladida indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
205	Piscicolidae indet.		0	0	0	0	2	0	0	0	0	0	0	0	0	1	1
206	Amphiodia urtica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207	Crangon alaskensis		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
208	Pentamera sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
209	Diastylus alaskensis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
210	Balanus crenatus		0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
211	Campylaspis sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
212	Amphiuridae juvenile		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
213	Nebalia sp.		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
214	Diasterope pilosa		0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
215	Barentsia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1989 BURRARD INLET BENTHOS DATA

Stations EP-01, EP-02, EP-03, EP-04, EP-05 Continued

	STATION:	EP-01			EP-02			EP-03			EP-04			EP-05		
	REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
REF.	TAXON															
216	Neomysis kadiaskensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
217	Pleurogonium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
218	Halicaridae indet.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219	Cerebratulus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
220	Nephosoma sp.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
221	Leucon sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1989 BURRARD INLET BENTHOS DATA

Stations EP-06, EP-07, EP-08, EP-09, EP-10

REF.	TAXON	STATION:	EP-06			EP-07			EP-08			EP-09			EP-10		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
1	Amage anops		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ampharete acutifrons		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
3	Ampharete labrops		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Ampharete finmarchica		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
5	Ampharetidae sp. indet./juv		0	0	0	1	0	0	1	0	1	0	0	0	0	0	0
6	Amphicteis glabra		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Amphicteis scaphobranchiata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Amphictene moori		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Arcteobea spnelytris		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Aricidea lopezi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Aricidea sp. indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Armandia brevis		97	53	87	39	41	27	107	111	108	30	6	18	7	6	17
13	Autolytus sp. Indet.		0	0	0	1	0	0	2	0	1	0	0	0	0	0	0
14	Barantolla americana		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Capitella capitata complex		156	171	267	4	5	1	23	14	22	1	0	0	1	0	0
16	Chaetozone spinosa		2	0	0	6	5	4	1	1	1	1	3	6	1	2	4
17	Chone dunneri		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Cirratulidae sp. Indet.		11	0	7	2	2	4	5	23	11	0	0	0	1	0	0
19	Cirratulus cirratus		0	0	0	0	0	0	0	3	0	1	0	0	0	0	1
20	Cossura longocirrata		7	0	0	15	9	5	13	13	7	17	10	10	9	5	6
21	Dorvillea rudolphi		0	0	0	1	2	2	10	5	3	0	1	0	0	0	0
22	Dorvilleidae sp. Indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Eteone longa		0	0	0	0	0	0	3	2	2	1	0	0	2	0	2
24	Eteone sp. Indet./juv		2	1	1	0	1	1	2	1	0	1	0	0	0	1	0
25	Euclymeninae sp. Indet.		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
26	Euchone incolor		2	0	0	8	11	8	5	5	6	0	0	0	0	0	1
27	Euclymene zonalis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Eulalia bilineata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Eulalia viridis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Eumida sanguinea		0	0	0	0	1	0	3	13	0	0	1	0	0	0	0
31	Exogone sp. Indet.		0	1	0	10	13	11	22	5	3	0	0	0	0	0	0
32	Flabelligeridae sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Galathowenia oculata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Gattyana treadwelli		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	Glycera capitata		0	0	0	7	9	4	1	0	0	0	1	0	0	0	0
36	Glycinde armigera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Glycinde picta		1	0	0	1	1	0	5	8	1	1	0	0	0	0	0
38	Goniada annulata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Gyptis brevipalpa		3	0	0	0	0	0	6	0	1	0	1	0	0	0	1
40	Harmothoe imbricata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Harmothoe lunulata		0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
42	Harmothoe sp. indet.		0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
43	Hessionidae sp.		0	1	0	0	0	0	1	10	0	0	0	0	0	0	0
44	Heteromastus filobranchus		0	0	0	0	0	0	0	2	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-06, EP-07, EP-08, EP-09, EP-10 Continued

REF.	TAXON	STATION:	EP-06			EP-07			EP-08			EP-09			EP-10		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
45	Idanthyrsus ornamentatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Lanassa venusta venusta		0	0	0	1	0	0	5	0	1	0	0	0	0	0	0
47	Laonice cirrata		0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
48	Leitoscoloplos pugettensis		2	0	1	2	0	0	8	0	2	0	0	0	0	0	0
49	Lepidonotus squamatus		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
50	Lumbrineris bicirrata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Lumbrineris luti		0	0	0	7	23	0	0	1	0	1	1	2	0	0	0
52	Lumbrineris sp. Indet.		2	0	0	10	8	4	5	7	4	0	2	1	2	0	0
53	Maldanidae sp. Indet.		0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
54	Mediomastus californiensis		1	0	0	1	2	2	1	7	0	1	1	0	1	1	5
55	Micropodarke dubia		0	0	0	0	0	0	1	0	2	0	0	0	0	0	0
56	Naineris quadricuspida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Nephtys cornuta franciscanum		62	0	1	107	139	58	6	3	1	49	39	52	25	36	64
58	Nephtys ferruginea		1	0	0	0	1	1	0	0	0	0	1	0	1	0	0
59	Nereis brandti		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Nereis zonata		0	0	0	0	1	0	0	3	0	0	0	0	0	0	0
61	Nicolea zostericola		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	Ophelina acuminata		0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
63	Ophiodromus pugettensis		0	0	0	0	1	0	1	0	1	0	0	1	0	0	0
64	Paleonotus bellis		0	0	0	0	0	0	5	1	0	0	0	0	0	0	0
65	Parandalia fauveli		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
66	Paraprionospio pinnata		1	0	0	1	1	0	0	0	0	0	0	0	0	0	0
67	Pectinaria californiensis		11	1	0	14	17	8	0	0	0	0	1	4	0	0	0
68	Pectinaria granulata		0	0	0	1	1	0	6	5	4	0	0	0	0	0	3
69	Pettibonia sp. A		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Pholoe minuta		0	0	0	2	4	1	1	1	1	0	0	0	0	0	1
71	Pholoides aspera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Phyllodoce groenlandica		0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
73	Phyllodoce hartmanae		0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
74	Phyllodoce papillosa		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
75	Phyllodoce sp.		1	0	1	0	0	0	0	2	0	0	2	0	0	0	0
76	Pionosyllis uraga		0	0	0	0	0	0	15	1	1	0	0	0	0	0	0
77	Pista moori		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Platynereis bicanaliculata		0	0	0	0	0	0	6	4	1	0	0	0	0	0	0
79	Polycirrus sp. complex		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Polydora brachycephala		0	0	0	0	0	0	2	1	0	0	0	0	0	0	0
81	Polydora cardalia		0	0	0	0	0	0	3	4	0	0	0	0	0	0	0
82	Polydora giardia		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
83	Polydora socialis		1	0	0	0	0	0	3	1	5	4	2	1	1	11	6
84	Polynoidae sp. Indet.		0	0	0	2	0	0	0	0	0	0	2	0	0	0	0
85	Prionospio lighti		25	1	2	9	14	8	11	12	2	12	5	2	9	7	17
86	Prionospio steenstrupi		1	0	3	10	12	3	26	18	5	0	1	3	1	5	1
87	Protodorvillea gracilis		0	1	0	0	4	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-06, EP-07, EP-08, EP-09, EP-10 Continued

REF.	TAXON	STATION:	EP-06			EP-07			EP-08			EP-09			EP-10		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
88	Pseudochitinopoma occidentalis		0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
89	Pygospio elegans		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Sabellaria cementarium		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Sabellidae sp. indet.		0	0	0	0	2	0	0	2	0	0	0	0	0	0	0
92	Scionella estevanica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Scoloplos acmeceps		0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
94	Serpulidae sp. indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Sphaerodoropsis sphaerulifer		0	0	0	2	3	1	2	2	1	2	0	0	0	1	2
96	Sphaerosyllis brandhorsti		2	1	2	45	68	8	22	6	13	0	0	0	0	0	0
97	Spio cirrifera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Spionidae sp. Juv.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Spiophanes berkeleyorum		3	0	0	1	4	0	0	0	0	1	1	0	2	3	4
100	Sternaspis scutata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Syllidae sp. Indet.		0	0	0	0	0	1	0	3	0	0	0	0	0	0	0
102	Syllis elongata		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
103	Syllis heterochaeta		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Tenonia priops		1	0	0	0	1	0	0	1	0	0	2	0	0	0	0
105	Terebellides stroemi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Terebellidae sp. indet.		0	0	0	0	0	0	6	1	0	0	0	0	0	0	0
107	Tharyx multifilis		50	6	10	36	38	6	18	27	5	52	17	30	20	25	20
108	Tharyx secundus		0	0	0	0	1	0	0	1	1	1	8	0	0	0	0
109	Trochochaeta multisetosa		0	0	0	12	4	0	0	0	0	2	0	0	0	1	0
110	NEMERTEA		0	0	0	0	0	0	1	2	0	2	1	2	0	0	0
111	OLOGOCHAETA		2	1	5	8	6	10	101	108	80	1	5	5	0	0	0
112	HIRUDINEA		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
113	Acila castrensis		0	0	0	3	1	0	0	0	0	3	0	4	1	1	1
114	Nucula tenuis		0	0	1	13	7	9	1	0	1	2	3	0	3	2	4
115	Nuculana fossa		0	0	0	3	2	2	0	0	0	0	0	0	0	0	0
116	Yoldia martyria		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Yoldia scissurata		0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
118	Lucinoma annulata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Parvilucina tenuisculpta		1	0	0	10	10	10	0	0	0	1	1	0	0	0	0
120	Axinopsida serricata		2	2	2	245	111	87	4	13	8	39	16	32	44	35	53
121	Thyasira gouldi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Modiolus rectus		1	0	0	0	0	0	7	2	0	0	0	0	0	0	0
123	Mytilus edulis		0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
124	Chlamys hastata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pododesmus macrochisma		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Mysella tumida		0	0	0	0	0	0	8	1	0	0	0	0	0	0	0
127	Clinocardium ciliatum		0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
128	Clinocardium nuttallii		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
129	Macoma brota		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Macoma calcarea		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-06, EP-07, EP-08, EP-09, EP-10 Continued

REF.	TAXON	STATION:	EP-06			EP-07			EP-08			EP-09			EP-10		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
131	Macoma carlottensis		3	1	0	40	21	23	2	1	0	2	0	1	0	0	1
132	Macoma elimata		0	0	0	2	1	1	0	3	0	0	0	0	0	0	0
133	Tellina carpenteri		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134	Tellina nuculoides		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Compsomyax subdiaphana		0	0	0	8	5	7	0	0	0	0	0	0	0	0	1
136	Psephidia lordi		0	0	1	142	83	107	24	5	13	16	7	16	15	20	9
137	Protothaca staminea		0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
138	Mya arenaria		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139	Hiatella arctica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Pandora filosa		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
141	Lyonsia californica		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
142	Crepidula adunca		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
143	Solariella obsura		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Alvania compacta		0	0	2	1	0	0	5	26	4	1	0	0	0	0	0
145	Mitrella gausapata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Mitrella tuberosa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
147	Lacuna carinata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Bittium munitum		0	0	0	0	1	4	0	0	0	0	0	0	0	0	0
149	Nassarius mendicus		0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
150	Trophonopsis orpheus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Amphissa versicolor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Odostomia columbiana		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Odostomia quadrae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Odostomia vancouverensis		0	0	0	1	0	0	4	0	1	0	0	0	0	0	0
155	Turbonilla lyalli		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Turbonilla vancouverensis		0	0	0	1	0	0	4	0	1	0	0	0	0	0	0
157	Rictaxis punctocaelatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	Philine polaris		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Accedomoera vagor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Ampelisca brevisimulata		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
161	Aoroides ?inermis		0	0	0	0	0	0	16	6	0	0	0	0	0	0	0
162	Aoroides columbiae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Aoroides sp. indet./juvenile		0	0	0	1	0	0	0	0	6	0	0	0	0	0	0
164	Byblis millsi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	Cheirimedeia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Cheirimedeia zotea		0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
167	Cheirimedeia/Protomedeia sp.		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
168	Corophium acherusicum		0	0	0	0	0	0	0	0	0	0	0	0	0	11	0
169	Corophium sp.		0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
170	Dyopedos ?monacanthus		0	0	0	1	0	0	1	0	3	0	0	0	0	1	1
171	Dyopedos sp.		0	0	0	0	0	0	0	0	0	0	0	0	4	0	0
172	Eudorella pacifica		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
173	Foraminiferan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-06, EP-07, EP-08, EP-09, EP-10 Continued

REF.	TAXON	STATION:	EP-06			EP-07			EP-08			EP-09			EP-10		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
174	Harpacticoid copepod		0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
175	Heterophoxus oculatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Hyperia spinigera		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
177	Hyperia? sp. (juv)		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
178	Ischyrocerus anguipes		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Leptochelia? savignyi		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
180	Mayerella banksia		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
181	Melita desdichada		0	0	0	1	0	0	3	2	0	0	0	0	0	0	0
182	Microjassa sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183	Oedicerotidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184	Orchomene pinguis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185	Pachynus cf. barnardi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186	Parathemisto? pacifica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Photis ?californica		0	0	0	0	0	0	11	6	3	2	0	2	0	0	0
188	Photis sp. (juv)		0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
189	Pleustidae juv		0	0	0	0	0	0	0	0	0	35	37	51	0	0	0
190	Protomedeia prudens		0	0	0	0	0	0	0	0	0	62	49	51	29	49	72
191	Protomedeia sp.		0	0	0	0	0	0	0	0	1	0	0	0	33	43	91
192	Rhepoxynius variatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193	Stenothoidae (?Metopella)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194	Synchelidium rectipalmum		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
195	Tritella pilimana		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196	indet. amphipoda		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197	Westwoodilla caecula		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
198	Eudorella pacifica		0	0	0	0	0	0	0	0	0	122	85	103	98	106	126
199	Euphilomedes carcharodonta		0	1	0	4	2	0	5	4	2	234	133	157	133	112	160
200	Philomedidae juveniles		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
201	Philomedes producta		0	0	0	7	0	18	1	0	0	30	25	37	10	14	0
202	Amphipholis squamata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203	Pinnixa schmitti		0	0	0	0	0	0	1	1	0	2	3	0	6	2	0
204	Polycladida indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
205	Piscicolidae indet.		0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
206	Amphiodia urtica		0	0	0	0	0	0	0	0	0	1	0	1	1	0	0
207	Crangon alaskensis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
208	Pentamera sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
209	Diastylus alaskensis		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
210	Balanus crenatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
211	Campylaspis sp.		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
212	Amphiuridae juvenile		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
213	Nebalia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
214	Diasterope pilosa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
215	Barentsia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
216	Neomysis kadiaskensis		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-06, EP-07, EP-08, EP-09, EP-10 Continued

	STATION:	EP-06			EP-07			EP-08			EP-09			EP-10		
	REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
REF.	TAXON															
217	Pleurogonium sp.	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
218	Halicaridae indet.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219	Cerebratulus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
220	Nephosoma sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
221	Leucon sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-11, EP-12, EP-13, EP-14, EP-15

	STATION:	EP-11			EP-12			EP-13			EP-14			EP-15		
	REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
REF.	TAXON															
1	Amage anops	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2	Ampharete acutifrons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Ampharete labrops	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Ampharete finmarchica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Ampharetidae sp. indet./juv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6	Amphicteis glabra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Amphicteis scaphobranchiata	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
8	Amphictene moori	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Arcteobea spnelytris	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
10	Aricidea lopezi	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0
11	Aricidea sp. indet.	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
12	Armandia brevis	1	1	2	0	1	2	0	0	1	1	0	2	0	0	2
13	Autolytus sp. Indet.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Barantolla americana	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
15	Capitella capitata complex	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
16	Chaetozone spinosa	4	5	7	1	0	1	3	11	12	6	1	3	0	0	0
17	Chone dunneri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Cirratulidae sp. Indet.	0	0	0	0	0	1	1	0	0	0	0	1	2	1	0
19	Cirratulus cirratus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cossura longocirrata	20	20	20	5	2	3	13	15	7	8	11	11	3	0	2
21	Dorvillea rudolphi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Dorvilleidae sp. Indet.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Eteone longa	2	2	2	0	0	0	0	0	1	1	1	0	0	0	0
24	Eteone sp. Indet./juv	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
25	Euclymeninae sp. Indet.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Euchone incolor	0	0	0	0	0	0	2	0	3	0	0	0	0	0	0
27	Euclymene zonalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Eulalia bilineata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Eulalia viridis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Eumida sanguinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Exogone sp. Indet.	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
32	Flabelligeridae sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Galathowenia oculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Gattyana treadwelli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	Glycera capitata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Glycinde armigera	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
37	Glycinde picta	1	2	1	1	0	0	7	1	4	2	2	2	4	0	9
38	Goniada annulata	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0
39	Gyptis brevipalpa	1	1	1	3	1	0	0	1	0	0	0	0	0	1	1
40	Harmothoe imbricata	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
41	Harmothoe lunulata	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Harmothoe sp. indet.	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Hessionidae sp.	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
44	Heteromastus filobranchus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-11, EP-12, EP-13, EP-14, EP-15 Continued

REF.	TAXON	STATION:	EP-11			EP-12			EP-13			EP-14			EP-15		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
45	Idanthyrsus ornamentatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Lanassa venusta venusta		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	Laonice cirrata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	Leitoscoloplos pugettensis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	Lepidonotus squamatus		1	0	4	0	0	0	0	0	0	0	0	0	0	0	0
50	Lumbrineris bicirrata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Lumbrineris luti		2	2	3	0	0	0	1	0	1	0	0	0	0	0	0
52	Lumbrineris sp. Indet.		0	0	0	0	0	0	1	2	0	1	1	0	0	0	0
53	Maldanidae sp. Indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Mediomastus californiensis		0	0	0	0	0	0	1	0	0	1	1	0	0	0	0
55	Micropodarke dubia		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
56	Naineris quadricuspida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Nephtys cornuta franciscanum		25	36	39	47	49	45	130	115	48	90	34	40	87	53	223
58	Nephtys ferruginea		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
59	Nereis brandti		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Nereis zonata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Nicolea zostericola		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	Ophelina acuminata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Ophiodromus pugettensis		1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
64	Paleonotus bellis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Parandalia fauveli		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Paraprionospio pinnata		1	3	1	0	0	3	1	1	1	0	1	2	1	1	0
67	Pectinaria californiensis		7	8	13	1	4	10	31	12	33	5	4	8	5	4	6
68	Pectinaria granulata		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
69	Pettibonia sp. A		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Pholoe minuta		1	2	1	0	0	2	3	4	7	3	1	1	0	0	0
71	Pholoides aspera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Phyllodoce groenlandica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Phyllodoce hartmanae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Phyllodoce papillosa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Phyllodoce sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Pionosyllis uraga		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Pista moori		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
78	Platynereis bicanaliculata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Polycirrus sp. complex		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Polydora brachycephala		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Polydora cardalia		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
82	Polydora giardia		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Polydora socialis		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
84	Polynoidae sp. Indet.		1	1	1	0	0	0	0	0	0	1	1	0	0	0	0
85	Prionospio lighti		9	5	21	5	2	2	14	21	6	11	5	13	0	0	0
86	Prionospio steenstrupi		1	4	0	0	2	3	10	7	22	2	3	1	9	1	18
87	Protodorvillea gracilis		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-11, EP-12, EP-13, EP-14, EP-15 Continued

REF.	TAXON	STATION:	EP-11			EP-12			EP-13			EP-14			EP-15		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
88	Pseudochitinopoma occidentalis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Pygospio elegans		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Sabellaria cementarium		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Sabellidae sp. indet.		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
92	Scionella estevanica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Scoloplos acmeceps		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Serpulidae sp. indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Sphaerodoropsis sphaerulifer		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Sphaerosyllis brandhorsti		0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
97	Spio cirrifera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Spionidae sp. Juv.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Spiophanes berkeleyorum		2	2	5	5	2	4	2	5	0	4	3	3	0	0	0
100	Sternaspis scutata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Syllidae sp. Indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Syllis elongata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Syllis heterochaeta		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Tenonia priops		0	0	0	1	1	0	5	2	2	0	2	2	0	1	0
105	Terebellides stroemi		0	0	0	0	0	0	0	1	3	0	0	0	0	0	0
106	Terebellidae sp. indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Tharyx multifilis		0	0	0	45	11	64	28	55	36	45	49	35	25	5	27
108	Tharyx secundus		0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
109	Trochochaeta multisetosa		32	50	45	0	0	0	0	0	0	0	1	0	0	0	0
110	NEMERTEA		0	0	1	0	0	0	3	0	0	0	0	0	0	0	1
111	OLOGOCHAETA		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
112	HIRUDINEA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Acila castrensis		2	1	0	0	0	0	0	1	0	1	2	0	0	0	1
114	Nucula tenuis		4	1	2	3	1	10	3	2	3	8	6	3	0	0	1
115	Nuculana fossa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	Yoldia martyria		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Yoldia scissurata		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
118	Lucinoma annulata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Parvilucina tenuisculpta		3	1	0	1	1	2	3	0	2	1	1	4	0	0	1
120	Axinopsida serricata		87	54	31	49	20	46	18	50	30	39	39	108	4	60	4
121	Thyasira gouldi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Modiolus rectus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Mytilus edulis		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
124	Chlamys hastata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pododesmus macrochisma		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Mysella tumida		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
127	Clinocardium ciliatum		0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
128	Clinocardium nuttallii		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Macoma brota		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
130	Macoma calcarea		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-11, EP-12, EP-13, EP-14, EP-15 Continued

REF.	TAXON	STATION:	EP-11			EP-12			EP-13			EP-14			EP-15		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
131	Macoma carlottensis		0	1	0	7	3	6	3	1	3	0	0	1	5	2	5
132	Macoma elimata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	Tellina carpenteri		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134	Tellina nuculoides		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Compsomyax subdiaphana		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Psephidia lordi		0	0	0	0	0	1	54	39	44	20	9	21	25	5	178
137	Protothaca staminea		0	0	0	13	16	24	0	0	0	0	0	0	0	0	0
138	Mya arenaria		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139	Hiatella arctica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Pandora filosa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Lyonsia californica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Crepidula adunca		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Solariella obsura		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Alvania compacta		1	0	0	1	2	1	1	2	0	0	0	0	2	3	37
145	Mitrella gausapata		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
146	Mitrella tuberosa		1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
147	Lacuna carinata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Bittium munitum		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	Nassarius mendicus		1	1	1	1	1	1	2	1	1	0	0	2	14	0	7
150	Trophonopsis orpheus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Amphissa versicolor		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Odostomia columbiana		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Odostomia quadrae		0	0	1	0	0	0	0	3	0	0	0	0	0	0	0
154	Odostomia vancouverensis		0	0	0	3	5	3	4	2	2	0	0	1	3	0	0
155	Turbonilla lyalli		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
156	Turbonilla vancouverensis		0	0	0	3	5	3	4	2	2	0	0	1	3	0	0
157	Rictaxis punctocaelatus		0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
158	Philine polaris		1	0	0	1	8	5	0	0	0	0	0	0	0	0	0
159	Accedomoera vagor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Ampelisca brevisimulata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Aoroides ?inermis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Aoroides columbiae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Aoroides sp. indet./juvenile		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
164	Byblis millsi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	Cheirimedeia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Cheirimedeia zotea		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Cheirimedeia/Protomedeia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Corophium acherusicum		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	Corophium sp.		0	0	1	0	2	0	1	0	0	0	0	0	0	0	0
170	Dyopedos ?monacanthus		0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
171	Dyopedos sp.		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
172	Eudorella pacifica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Foraminiferan		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-11, EP-12, EP-13, EP-14, EP-15 Continued

	STATION:	EP-11			EP-12			EP-13			EP-14			EP-15		
	REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
REF.	TAXON															
174	Harpacticoid copepod	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Heterophoxus oculatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Hyperia spinigera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177	Hyperia? sp. (juv)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Ischyrocerus anguipes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Leptochelia? savignyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Mayerella banksia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Melita desdichada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Microjassa sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183	Oedicerotidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184	Orchomene pinguis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185	Pachynus cf. barnardi	1	1	0	0	0	0	1	0	0	0	1	1	0	0	0
186	Parathemisto? pacifica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Photis ?californica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188	Photis sp. (juv)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	Pleustidae juv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190	Protomedeia prudens	9	6	10	0	6	5	2	0	1	2	14	3	0	0	0
191	Protomedeia sp.	20	11	28	15	13	4	5	0	0	3	7	11	1	0	0
192	Rhepoxynius variatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193	Stenothoidae (?Metopella)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194	Synchelidium rectipalmum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195	Tritella pilimana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196	indet. amphipoda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197	Westwoodilla caecula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198	Eudorella pacifica	44	1	166	0	0	48	84	139	122	101	116	68	0	1	0
199	Euphilomedes carcharodonta	89	88	167	16	22	42	54	31	34	138	133	0	0	0	0
200	Philomedidae juveniles	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0
201	Philomedes producta	4	15	8	0	1	0	0	0	0	0	0	2	0	0	0
202	Amphipholis squamata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203	Pinnixa schmitti	0	4	3	0	1	0	8	6	11	9	1	1	0	0	0
204	Polycladida indet.	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0
205	Piscicolidae indet.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
206	Amphiodia urtica	0	0	2	0	0	0	0	0	0	0	2	1	0	0	0
207	Crangon alaskensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
208	Pentamera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
209	Diastylus alaskensis	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
210	Balanus crenatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
211	Campylaspis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
212	Amphiuridae juvenile	0	1	0	1	0	3	0	0	0	1	0	0	0	0	0
213	Nebalia sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
214	Diasterope pilosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
215	Barentsia sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
216	Neomysis kadiaskensis	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-11, EP-12, EP-13, EP-14, EP-15 Continued

	STATION:	EP-11			EP-12			EP-13			EP-14			EP-15		
	REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
REF.	TAXON															
217	Pleurogonium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
218	Halicaridae indet.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219	Cerebratulus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
220	Nephosoma sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
221	Leucon sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-16, EP-17, EP-18, EP-19, EP-20

REF.	TAXON	STATION:	EP-16			EP-17			EP-18			EP-19			EP-20		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
1	Amage anops		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ampharete acutifrons		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3	Ampharete labrops		4	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	Ampharete finmarchica		0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
5	Ampharetidae sp. indet./juv		1	0	0	0	3	0	0	1	0	0	0	0	0	0	0
6	Amphicteis glabra		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Amphicteis scaphobranchiata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Amphictene moori		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Arcteobea spnelytris		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Aricidea lopezi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Aricidea sp. indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Armandia brevis		2	2	2	0	0	0	10	1	2	3	1	7	0	1	0
13	Autolytus sp. Indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Barantolla americana		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Capitella capitata complex		0	0	0	0	0	0	759	3	509	31	0	0	5	0	0
16	Chaetozone spinosa		0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
17	Chone dunneri		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Cirratulidae sp. Indet.		0	0	6	0	0	0	5	15	0	0	0	0	2	4	0
19	Cirratulus cirratus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Cossura longocirrata		0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
21	Dorvillea rudolphi		0	0	1	0	0	0	0	0	9	0	0	0	0	0	0
22	Dorvilleidae sp. Indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Eteone longa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Eteone sp. Indet./juv		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Euclymeninae sp. Indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Euchone incolor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Euclymene zonalis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Eulalia bilineata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Eulalia viridis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Eumida sanguinea		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Exogone sp. Indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Flabelligeridae sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Galathowenia oculata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Gattyana treadwelli		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	Glycera capitata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Glycinde armigera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Glycinde picta		3	11	6	1	0	0	3	6	8	10	9	8	7	1	2
38	Goniada annulata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Gyptis brevipalpa		0	1	0	0	0	3	0	0	0	0	0	0	0	0	0
40	Harmothoe imbricata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Harmothoe lunulata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Harmothoe sp. indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Hessionidae sp.		0	0	0	0	0	1	2	0	0	0	0	1	0	0	0
44	Heteromastus filobranchus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-16, EP-17, EP-18, EP-19, EP-20 Continued

REF.	TAXON	STATION:	EP-16			EP-17			EP-18			EP-19			EP-20		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
45	Idanthyrsus ornamentatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Lanassa venusta venusta		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	Laonice cirrata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	Leitoscoloplos pugettensis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	Lepidonotus squamatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Lumbrineris bicirrata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Lumbrineris luti		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Lumbrineris sp. Indet.		1	0	2	0	1	0	1	0	0	0	0	0	2	1	0
53	Maldanidae sp. Indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Mediomastus californiensis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Micropodarke dubia		0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Naineris quadricuspida		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Nephtys cornuta franciscanum		37	91	97	8	29	51	30	89	9	40	13	63	117	51	45
58	Nephtys ferruginea		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
59	Nereis brandti		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
60	Nereis zonata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Nicolea zostericola		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	Ophelina acuminata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Ophiodromus pugettensis		19	16	14	25	4	8	2	4	15	5	5	12	0	0	0
64	Paleonotus bellis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Parandalia fauveli		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Paraprionospio pinnata		1	0	5	0	0	0	3	1	0	2	3	1	6	1	0
67	Pectinaria californiensis		7	2	5	0	2	2	2	0	2	4	9	40	11	4	11
68	Pectinaria granulata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Pettibonia sp. A		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	Pholoe minuta		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Pholoides aspera		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
72	Phyllodoce groenlandica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Phyllodoce hartmanae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Phyllodoce papillosa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Phyllodoce sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Pionosyllis uraga		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Pista moori		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	Platynereis bicanaliculata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	Polycirrus sp. complex		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Polydora brachycephala		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Polydora cardalia		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Polydora giardia		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Polydora socialis		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
84	Polynoidae sp. Indet.		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
85	Prionospio lighti		0	0	0	0	2	0	2	0	11	1	1	7	6	0	1
86	Prionospio steenstrupi		1	2	2	0	1	0	0	1	0	0	0	0	0	1	0
87	Protodorvillea gracilis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-16, EP-17, EP-18, EP-19, EP-20 Continued

REF.	TAXON	STATION:	EP-16			EP-17			EP-18			EP-19			EP-20		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
88	Pseudochitinopoma occidentalis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	Pygospio elegans		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	Sabellaria cementarium		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	Sabellidae sp. indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Scionella estevanica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Scoloplos acmeceps		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	Serpulidae sp. indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	Sphaerodoropsis sphaerulifer		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Sphaerosyllis brandhorsti		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Spio cirrifera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Spionidae sp. Juv.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Spiophanes berkeleyorum		0	1	0	0	0	0	1	0	0	0	0	0	1	0	1
100	Sternaspis scutata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	Syllidae sp. Indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Syllis elongata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Syllis heterochaeta		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Tenonia priops		0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
105	Terebellides stroemi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Terebellidae sp. indet.		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
107	Tharyx multifilis		4	8	1	76	26	3	9	63	2	0	1	1	1	1	2
108	Tharyx secundus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Trochochaeta multisetosa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	NEMERTEA		0	0	0	0	0	0	0	2	0	0	0	1	0	0	0
111	OLOGOCHAETA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	HIRUDINEA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Acila castrensis		14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	Nucula tenuis		29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Nuculana fossa		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	Yoldia martyria		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Yoldia scissurata		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Lucinoma annulata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	Parvilucina tenuisculpta		21	3	0	11	3	8	4	2	2	0	0	0	7	5	2
120	Axinopsida serricata		199	15	2	11	3	8	4	2	2	0	0	0	7	5	2
121	Thyasira gouldi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Modiolus rectus		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Mytilus edulis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Chlamys hastata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Pododesmus macrochisma		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	Mysella tumida		0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
127	Clinocardium ciliatum		0	5	5	0	0	0	0	0	0	0	0	0	0	0	0
128	Clinocardium nuttallii		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	Macoma brota		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Macoma calcarea		0	0	0	1	1	0	0	0	0	0	0	0	0	0	0

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Stations EP-16, EP-17, EP-18, EP-19, EP-20 Continued

	STATION:	EP-16			EP-17			EP-18			EP-19			EP-20		
	REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
REF.	TAXON															
131	Macoma carlottensis	33	6	12	2	4	13	37	12	6	10	9	45	13	7	11
132	Macoma elimata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	Tellina carpenteri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134	Tellina nuculoides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	Compsomyax subdiaphana	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	Psephidia lordi	224	58	73	6	10	10	56	14	3	1	0	0	0	16	31
137	Protothaca staminea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	Mya arenaria	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
139	Hiatella arctica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	Pandora filosa	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Lyonsia californica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	Crepidula adunca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Solariella obsura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	Alvania compacta	92	8	0	0	0	0	1	2	0	0	0	0	0	0	0
145	Mitrella gausapata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	Mitrella tuberosa	0	0	0	2	0	0	4	0	0	0	0	0	0	0	0
147	Lacuna carinata	0	0	0	1	3	0	0	0	1	0	0	0	0	0	0
148	Bittium munitum	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
149	Nassarius mendicus	3	0	1	6	24	1	9	0	0	0	0	0	1	0	4
150	Trophonopsis orpheus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	Amphissa versicolor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Odostomia columbiana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Odostomia quadrae	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
154	Odostomia vancouverensis	1	1	0	6	24	1	9	0	0	0	0	0	1	0	4
155	Turbonilla lyalli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	Turbonilla vancouverensis	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Rictaxis punctocaelatus	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0
158	Philine polaris	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Accedomoera vagor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Ampelisca brevisimulata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Aoroides ?inermis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Aoroides columbiae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	Aoroides sp. indet./juvenile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
164	Byblis millsi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	Cheirimedeia sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	Cheirimedeia zotea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Cheirimedeia/Protomedeia sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	Corophium acherusicum	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
169	Corophium sp.	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0
170	Dyopedos ?monacanthus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	Dyopedos sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Eudorella pacifica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Foraminiferan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Stations EP-16, EP-17, EP-18, EP-19, EP-20 Continued

REF.	TAXON	STATION:	EP-16			EP-17			EP-18			EP-19			EP-20		
		REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
174	Harpacticoid copepod		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Heterophoxus oculatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Hyperia spinigera		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177	Hyperia? sp. (juv)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Ischyrocerus anguipes		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	Leptochelia? savignyi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Mayerella banksia		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Melita desdichada		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Microjassa sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183	Oedicerotidae		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184	Orchomene pinguis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185	Pachynus cf. barnardi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186	Parathemisto? pacifica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	Photis ?californica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188	Photis sp. (juv)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	Pleustidae juv		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190	Protomedeia prudens		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191	Protomedeia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192	Rhepoxynius variatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193	Stenothoidae (?Metopella)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194	Synchelidium rectipalmum		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195	Tritella pilimana		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196	indet. amphipoda		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197	Westwoodilla caecula		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198	Eudorella pacifica		1	2	0	0	0	0	0	0	0	0	0	0	0	1	0
199	Euphilomedes carcharodonta		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
200	Philomedidae juveniles		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
201	Philomedes producta		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
202	Amphipholis squamata		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203	Pinnixa schmitti		0	0	0	0	0	0	0	1	0	0	0	0	0	10	1
204	Polycladida indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205	Piscicolidae indet.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
206	Amphiodia urtica		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207	Crangon alaskensis		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
208	Pentamera sp.		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
209	Diastylus alaskensis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
210	Balanus crenatus		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
211	Campylaspis sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
212	Amphiuridae juvenile		0	0	1	0	0	0	0	0	1	0	0	0	0	1	0
213	Nebalia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
214	Diasterope pilosa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
215	Barentsia sp.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
216	Neomysis kadiaskensis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 BURRARD INLET BENTHOS DATA

Stations EP-16, EP-17, EP-18, EP-19, EP-20 Continued

	STATION:	EP-16			EP-17			EP-18			EP-19			EP-20		
	REPLICATE:	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
REF.	TAXON															
217	Pleurogonium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
218	Halicaridae indet.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
219	Cerebratulus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
220	Nephosoma sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
221	Leucon sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0