Utility of Large Regional Databases for Understanding Abundance and Diversity Characteristics of Natural Marine Soft Substrate Fauna

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UTILITY OF LARGE REGIONAL DATABASES FOR UNDERSTANDING ABUNDANCE AND DIVERSITY CHARACTERISTICS OF NATURAL MARINE SOFT SUBSTRATE FAUNA

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ABSTRACT

Burd, B.J., McGreer, E., Taekema, B., and Macdonald, T.A. 2009. Utility of large regional databases for understanding abundance and diversity characteristics of natural marine soft substrate fauna. Can. Tech. Rep. Fish. Aquat. Sci. 2859: vi + 121 p.

Large, regional databases can be useful for the identification of common biotic and sediment trends and ranges that provide context for assessing impacts from anthropogenic inputs. As part of a collaborative Fisheries and Oceans/ Metro Vancouver research study on biogeochemical cycling in the Strait of Georgia, an extensive regional database from the west coast of Canada was used to examine abundance and diversity factors as well as abiotic factors and to define their 95th percentile thresholds in subtidal soft substrates distant from zones of anthropogenic impact (background). Biotic factors included species number, number of major taxonomic groups, total abundance, abundance of each major taxonomic group, and diversity indices. Habitat factors included depth, sediment %fines, %TOC, %TN, %TVS, AVS, free sulphides and redox. Results indicate that species richness and overall abundance decline, and certain faunal groups (particularly bivalves) become rare or disappear, with increasing depth. The 95th percentile thresholds indicate that bivalves, polychaetes (sedentariate and errantiate), and crustaceans are expected to be found consistently at depths <100 m. From 100-200 m, only the 2 polychaete groups are ubiquitous. Below 200 m, fauna were impoverished and consistently included only sedentariate polychaetes.

In the regional database for the west coast of Canada, species richness and overall abundance declined, and some faunal groups became rare or disappeared with increasing depth. As sediment organic content increased in background sediments, total abundance and species richness, as well as some faunal groups declined. This relationship was particularly clear for number of species (r^2=0.68). This may be a result of the relatively non-labile, marine-derived organic material that is associated with high organic content in natural sediments. Correlations of %TN and C/N with depth suggest that these factors are not independent, which is discussed in the context of the source and lability of organic input and potential habitat stability.

The value of large regional databases for ground-truthing models of trophic structure, regional organic carbon budgets and contaminant budgets is discussed. In addition, geographically relevant portions of the database could be useful to augment local reference data in impact assessments.

RESUMÉ

Burd, B.J., McGreer, E., Taekema, B., et Macdonald, T.A 2009. Utility of large regional databases for understanding abundance and diversity characteristics of natural marine soft substrate fauna. (titre non traduit). Rapports techniques canadiens des sciences halieutiques et aquatiques 2859 : vi + 121p.

Des grandes bases de données régionales peuvent s'avérer utiles pour l'identification des tendances et d'étendue communes au biote et aux sédiments qui fournissent le contexte pour évaluer les effets anthropiques. Dans le cadre d'un projet de recherche collaboratif entrepris par

Pêches et Océans Canada et Métro Vancouver portant sur le cycle biogéochimique dans le détroit de Géorgie, une importante base régionale de données pour la côte ouest du Canada a permis d'étudier les facteurs d'abondance et de diversité ainsi que les facteurs abiotiques et de déterminer leur seuil correspondant au 95^{e} centile dans les substrats mous de la zone sublittoral loin des zones d'impact anthropiques (base). Les facteurs biotiques comprennent le nombre d'espèces et de taxons importants, l'abondance totale, l'abondance de chaque taxon important et les indices de diversité. Les facteurs liés à l'habitat comprennent la profondeur, % sédiment fin, % COT, % AT, % SVT, % AVS, sulfures libres et redox.

Selon les résultats, l'abondance totale et la diversité des espèces sont en déclin et certains groupes de faunes (les bivalves en particulier) deviennent rares ou disparaissent à mesure que s'accroît la profondeur. Les seuils correspondant au 95^{e} centile indiquent que les bivalves, les polychètes (sédentaires et errants) et les crustacés se trouvent habituellement à des profondeurs < 100 m. Entre 100 et 200 m, seulement deux groupes de polychètes sont omniprésents. À des profondeurs supérieures à 200 m, on a constaté un appauvrissement de la faune, ce qui était composée surtout de polychètes sédentaires.

INTRODUCTION

In this report, we investigated the potential for a large and diverse dataset from the west coast of Canada to contribute to our understanding of the relative abundance and diversity of different types of organisms found in natural soft substrate assemblages, and of how these assemblages might be affected by habitat factors commonly measured in benthic studies. Hence, this dataset may provide context for understanding anthropogenic influences on benthic fauna by highlighting trends and features which are common to background (non-impacted) areas of the coast. This work originally evolved from 2 sources; 1) as background context for a coast-wide examination of relative trends in benthic infaunal changes related to waste discharges from fish farms (Burd, 2006), and 2) to provide ground-truth data for the biogeochemical cycling research conducted in the Strait of Georgia by the Canadian Department of Fisheries and Oceans in collaboration with Metro Vancouver. A special volume of the journal Marine Environmental Research was compiled describing results of the first 5 years of the collaborative project (Johannessen *et al.* 2008), with original data included in Wright *et al.* (2008).

Large benthic biological datasets now exist world-wide, enabling the revisiting of a generalist approach to understanding benthic ecosystems (Burd 1992; Smith *et al.* 1997; Burd 2002; Rooney *et al.* 2004; Cusson and Bourget 2005; Etter *et al.* 2005; Hyland *et al.* 2005; Rex *et al.* 2005, 2006; Howard-Williams *et al.* 2006; NOAAs Pacific Northwest Coast Ecoregional Assessment, URL: https://ir.library.oregonstate.edu/dspace/handle/1957/4638; CSIRO Marine and Atmospheric Research (CMAR) Laboratories Information Network: MarLIN – Australia, http://www.marine.csiro.au/marlin/). These databases are from numerous sources of monitoring and research data collected over time, with all the inherent problems associated with such mixed data.

Despite the potential problems, however, extensive regional databases can be extremely valuable if they can be used to identify common trends in biotic factors (minimum species number, abundance, diversity, presence or absence of certain types of fauna) for soft substrates. Such common trends could be used for interpreting the regional significance of anthropogenic discharges into the ocean.

Over the past 27 years, data from benthic soft substrates has been obtained from a wide geographic range of subtidal areas on the west coast of Canada, British Columbia (BC) without known current anthropogenic impacts (hereafter referred to as the BC coastal background data). In this report, we examine the limits or minimum thresholds in biotic and sediment geochemical factors related to background assemblages in subtidal areas of BC, and assess general biotic responses to habitat substrate characteristics. Specifically, the report addresses the questions: 1) can a large and diverse dataset be used to help understand natural abundance and diversity characteristics of soft substrate assemblages? and 2) how do these assemblages respond to habitat factors (sediment percent fines, depth, organic content, sulphides and AVS?

There is a cogent reason for understanding abundance and diversity characteristics of natural benthic assemblages. Karr and Dudley (1981) define biological integrity of habitats and assemblages as "the ability to support and maintain a balanced, integrated, and adaptive community of organisms having a species composition, diversity and functional organization comparable to those of natural habitats within a region." Clearly, in order to understand what is required for biological integrity in a given habitat, it is necessary to determine what types and

relative abundance of organisms are likely to be present under natural conditions. Otherwise, there is no basis for understanding the ecological importance of anthropogenic effects.

To address the first question, statistically-derived thresholds (95th percentile of the cumulative frequency distribution) were determined for a suite of biotic factors (species number, number of major taxonomic groups, total abundance, abundance of each major taxonomic group, diversity indices). The biotic factors and thresholds used herein are ubiquitous to all habitats, and general enough to be persistent over the time scale of the data examined. Some of the biotic factors examined herein have also been found to be useful as indicators of environmental impact in marine habitats for jurisdictions in the Pacific Northwest (Striplin 1996; Striplin and Westin 1999; Washington State Sediment Management Standards (http://www.ecy.wa.gov/biblio/wac173204. html; Capital Regional District 2000; Greater Vancouver Regional District 2004).

To assess biotic responses to habitat conditions, biotic factors were correlated with depth and sediment factors. Patterns resulting from this exploratory approach are discussed within the context of potential application of these patterns to studies of impact assessment.

METHODS

The BC coastal background database consists of data from the reports listed in Table 1, and includes depth, biotic and sediment data collected from BC coastal sites. In these reports, the samples were collected as background for comparison with samples from nearby areas recognized as impacted or, in some studies, were used to represent ambient conditions unrelated to any discharge. These samples span coastal soft-sediment, subtidal habitats from the southern inland sea (Strait of Georgia), to the continental shelf habitats off southern Vancouver Island and to the far northern mainland fjords and the inland sea of Hecate Strait (Figure 1). The full database is maintained at the Institute of Ocean Sciences, Sidney, BC Canada (contact B. Burd; Brenda.Burd@dfo-mpo.gc.ca). A summarized listing of all sample locations, depths, sediment characters, total faunal abundance, species richness, diversity, and abundance of major taxonomic groups is included in Appendices 1-3.

A total of 1266 biotic samples spanning a depth range of 9 m to 678 m have been included in the BC coastal background database. All samples were collected using 0.1 m^2 grabs and processed using a 1 mm sieve. Only samples which included at least 2/3 of the grab volume were included in the database. Benthic organisms were identified to species (or to the lowest taxonomic level possible). When added to the database, all species names were updated for taxonomic consistency using a coding system developed by Biologica Environmental Services Inc. (Victoria, B.C.). Sediment depth data was available for all samples. Concurrently measured sediment factors available for subsets of the biotic samples included percent silt/clay (%fines), percent total organic carbon (%TOC), percent total nitrogen (%TN), carbon to nitrogen ratio (C/N), percent total volatile solids (%TVS), acid volatile sulphides (AVS), sediment near-surface (within 2 cm) free sulphides (S^{2-}) and sediment redox (Eh). Sampling and analytical methods for these sediment parameters are included in each report or paper (Table 1), and were found to be relatively consistent.

Extra sediment measurements of %TVS, free sulphides, and redox (Eh), were available from a large set of sediment samples generated during fish farm monitoring (Wright *et al.* 2007a-e).

Although not collected concurrently with biotic data, these extra data points were included to increase confidence in determination of background limits for sulphide, redox and %TVS. All of the free sulphide and redox measurements used herein were from fish farm monitoring samples taken from background locations, defined as being >500 m from existing net cages.

BIOTIC FACTORS AND BACKGROUND THRESHOLDS

For each sample, biotic factors examined included the Shannon-Weiner (H'), Simpson's (1-D), species number, total abundance, number of major taxonomic groups and abundance of each of the major taxonomic groups. All values are expressed on a per grab basis (equivalent to 0.1 m^2). Major faunal taxonomic groups included 7 crustacean groups (amphipods, cumaceans, ostracods, tanaids, decapods, isopods, leptostracans), 2 echinoderm groups (holothurians, ophiuroids), 3 mollusc groups (bivalves, gastropods, scaphopods), 2 polychaete functional groups (errantiate, sedentariate) and nemerteans. Rare taxonomic groups (Pogonophora, Echiura, Hirudea, Oligochaeta, Anthozoa, Hemichordata, Aplacophora, Polyplacophora, Sipuncula, Phoronida, Platyhelmenthes, Ascidiacea, Asteroidea, etc.) were combined into one category called "miscellaneous", simply because they are typically only infrequently present in benthic samples, and their background thesholds cannot be estimated. Meiofauna were excluded because, typically, they are not captured in representative numbers with a 1 mm screen (e.g. nematodes, copepods). Because the focus of this study is soft-substrate infauna, hard-substrate organisms (e.g. bryozoans, hydrozoans) were excluded from the database.

Exploratory statistical comparisons of biotic factors and sediment factors were made using Pearson correlations (Zar 1974). These correlations were not used for hypothesis testing, but in conjunction with bi-plots, were used to identify and examine trends in the data. Where appropriate, trends were further examined using linear or exponential regression analyses, or ANOVA where applicable (Zar 1974).

Biotic and sediment factor thresholds were defined by the 95th percentile of the cumulative frequency distribution for each factor (see Burd 2002). As a hypothetical example, if 95% of the samples had $\geq$12 taxa, then the 95th percentile for species number = 12 (Figure 2). In this example, 5% of the samples in the background database would be outside this threshold (<12 taxa). Biotic factors with 95th percentile values >0 were considered reliable as thresholds. For example, if only 70% of background samples had 1 or more bivalves (i.e. bivalves were absent from 30% of the samples), the threshold for bivalves would be 0; that is, 95% of the samples had $\geq$ 0 bivalves. Obviously, in this example, the number of bivalves does not provide a useable threshold. For the large regional database utilized in this paper, the use of a 95th percentile is preferable to confidence intervals calculated from a Gaussian distribution, since it ignores any skewing of data towards either the high or low end of the frequency distribution, and thereby bypasses some of the potential weighting problems in such a database, as well as assumptions of normality (Burd *et al.* 1990; Burd 2002).

RESULTS

CORRELATIONS OF BIOTIC AND SEDIMENT FACTORS

The exploratory linear correlations of biotic and sediment factors, along with the total number of samples available for each comparison, are presented in Table 2. No hypotheses are being tested, but correlations ≥0.3 (positive or negative) were explored further (see highlighted r values in Table 2). Total abundance, species number, number of major taxonomic groups, and the Shannon-Weiner H' all had negative correlations with depth that were ≥0.3 (Table 2). Examples of depth distributions for 3 of these biotic factors are illustrated in Figure 3. Declines in total abundance, species number and bivalve abundance were particularly evident at depths >100 m, with further notable declines at >200 m. Even though a number of the major taxonomic groups did not show a linear relationship with depth (i.e. correlations <0.3), depth limitations were observed (data not shown). For example, tanaids, ostracods and isopods virtually disappeared below 200-250 m depth. Leptostracans were limited to <100 m depth and gastropods were rare below ~120 m depth.

Total abundance, number of major taxonomic groups and bivalve abundance were negatively correlated with %TVS (r = -0.30 to -0.35) while these same biotic factors, as well as species number and the abundance of holothuroids, ophiuroids and errantiate polychaetes were negatively correlated with %TN (r = -0.30 to -0.67) (Table 2). The species number, number of major taxonomic groups and Shannon-Weiner H' were negatively correlated with %TOC (r = -0.34 to -0.44). Total abundance and bivalve and errantiate polychaete abundance demonstrated a positive correlation with sediment redox (r = 0.31 to 0.40) (Table 2).

The highest correlation values in Table 2 occurred between %TN and species number, and between %TN and number of major taxonomic groups. An exponential regression of sediment %TN versus $\log_{10}$ species number explained 63% (r^2=0.63) of the variance in species number (p<0.001) (Figure 4). Similar exponential regressions (not shown) demonstrated that %TN explained 57% (p<0.001) of the variance in total abundance, 40% of the variance (p <0.001) in number of major taxonomic groups and 45% of the variance (p <0.001) in bivalve abundance. All of the aforementioned exponential relationships were negative, illustrating that the biotic factors decreased significantly with increasing %TN.

Table 2 also illustrates that while %fines (r=0.36) and %TN (r=0.49) increased with increasing depth, C/N (-0.35) and sediment free sulphide (-0.34) decreased with increasing depth.

RELIABLE BIOTIC FACTORS AND THRESHOLDS

Because of the declines in fauna with increasing depth noted above, the 95th percentile thresholds for all background biotic and sediment factors were examined separately for samples taken from the following depth ranges: <100 m, 100-200 m, and >200 m (Table 3a). The 95th percentile implies that for any given biotic factor, 5% of the background samples in the BC coastal database were below the threshold. However, a natural question arises; how many of the background samples had values greater than the 95th percentile thresholds for <u>all</u> of the biotic factors combined? In fact, 90-92% of samples in the BC background coastal database had values for all biotic factors greater than the 95th percentile threshold, regardless of depth range.

Biotic factors which can be reliably used to assess background threshold limits are those factors for which the 95th percentile is greater than 0. Biotic factors with 95th percentile thresholds >0 in all depth ranges were number of species, total abundance, number of major taxonomic groups, abundance of sedentariate polychaetes, Shannon-Weiner H' and Simpson's 1-D. Errantiate polychaete abundance had thresholds >0 at depths <100 m and 100-200 m, but not at depths >200 m. Total crustacean abundance (all crustacean groups combined) and bivalve abundance had thresholds >0 for depths <100 m only. For relevant biotic factors with thresholds >0, the value of the thresholds typically decreased with increasing depth range. However, the thresholds for the two diversity indices were highest in the middle depth range (100-200 m). Results of a simple ANOVA (Zar 1974) (Table 3) showed that for all of the biotic factors with thresholds >0 in any depth range, there were significant differences in mean values of that factor between the three depth ranges.

Background 95th percentile thresholds for the sediment factors measured are shown in Table 3b. For most sediment factors, only a few samples were available from >200 m depth. Results suggest that natural %TN is unlikely to be higher than 0.55, %TOC is unlikely to be higher than 5.5, and %TVS is likely to be less than 19. Acid volatile sulphide levels > 4 µmol/g are unlikely to occur in most background sediments <200 m deep. Results suggest that both %TN and %TOC 95th percentile thresholds are slightly higher at 100-200 m than at either <100 m or >200 m depths (Table 3b). In contrast, the 95th percentile thresholds for %TVS, C/N and S^{2-} were virtually identical at depths <100 m and at 100-200 m, but there was a notable change at depths >200 m. However, sediment S^{2-} was an unusual factor in that the few (5%) background samples with values higher than the 95th percentile, were dramatically high (up to 1600 µmol/g; data not shown). Redox thresholds, unlike those for %TN and %TOC, were higher in the <100 m depth range (-65 mV) than the >200 m depth range (-143 mV), and lowest in the 100-200 m depth ranges (-201 mV). ANOVA results (Table 3) illustrated that background values for all sediment factors except AVS and S^{2-} were significantly different for the three depth ranges.

DISCUSSION

GENERAL TRENDS

Clearly, trends in the database for the west coast of Canada suggest that depth is a critical consideration in the design of monitoring programs and in understanding natural versus anthropogenic effects on benthic biota. Species richness, total abundance and abundance of bivalves declined significantly with depth. Bernard (1978) suggested from extensive studies of megafauna and sediments in the Strait of Georgia (an inland sea of the Canadian west coast), that substrate complexity and heterogeneity decrease with depth, and that %fines get higher, resulting in declining numbers of taxa.

As depth increases in coastal marine areas, substrates tend to have more stable temperature and salinity regimes, and potentially lower oxygen levels (c.f. Llansó *et al.* 1998; Rosenberg 2001). In addition, substrates tend to get finer, and organic flux from coastal sources usually decreases with increasing depth (Vinogradov and Tseitlin 1983; Shirayama 1984; Vanaverbeke *et al.* 1997). However, generalizations such as these can be confounded by strong topographic and seasonal hydrographic drivers (Aller *et al.* 2002; Burd *et al.* 2008). For example, in the Strait of Georgia, high levels of suspended sediment and productivity within the particulate plume of the Fraser River result in unusually high organic flux to sediments and therefore high abundance and benthic biomass to depths well below 200 m (Burd *et al.* op. cit.; data included herein). This

illustrates how the specific hydrographic features of a basin can complicate the typical pattern of declines in biota with increasing depth in coastal areas.

Measures of sediment organic content (%TVS, %TN, %TOC) in the regional database had negative correlations >0.3 with a number of biotic factors. Even the lower correlation values for these factors were typically negative, suggesting that biota decline with increasing organic content in sediments. The data examined herein suggests that natural sediment organic carbon levels greater than 3.5-5% are likely to be associated with impoverished fauna. Hyland *et al.* (2005) also suggested based on data from a variety of coastal areas globally, that infauna were reduced in abundance and species richness at higher sediment organic contents, with a suggested threshold (%TOC~ 3.5%) beyond which infauna decline rapidly. This threshold was similar to the 95th percentile for %TOC values indicated in the depth zones below 100 m herein, where biotic factors showed the steepest declines. The assumption in Hyland *et al.* (op. cit.) was that high sediment organic content and concurrent biotic declines were related to increased organic loading from anthropogenic sources in coastal areas (as per the Pearson and Rosenberg 1978 model). We suggest a different paradigm; in background habitats where anthropogenic loading is not expected, increasing sediment organic content (particularly if it is persistent with depth in sediment cores – Macdonald *et al.* 2008) is suggestive of relatively non-labile organic material (Burd *et al.* 2008). In addition, Rice (1982) has suggested that high %TN in aged sediment detritus can be more indicative of non-labile humic material than living microbial protein. This highlights the importance of understanding the detrital stage of sediment organic material in concert with measures of sediment organic content.

BIOTIC FACTORS AND 95TH PERCENTILE THRESHOLDS

Ninety-fifth percentiles show that four major taxonomic groups are typically found at depths <100 m; these groups are bivalves, sedentariate polychaetes, errantiate polychaetes and crustaceans. Therefore, the lack of any of these 4 ubiquitous taxa types could serve as a warning of an unusual imbalance in the faunal assemblage. The ubiquitous nature of these taxonomic groups in sediments <100 m was also evident in Puget Sound reference data for monitoring programs described by Llansó *et al.* (1998). The remaining taxonomic groups are patchy in distribution along the BC coastline.

From 100-200 m depth, only the 2 polychaete groups were found consistently, with bivalves and crustaceans either much less abundant than at <100 m, or absent. The increased patchiness in crustaceans is evident in the loss of groups such as Leptostracans at depths greater than 100 m. Like the bivalves, gastropods were very rare below 100 m. However, the diversity indices (Shannon-Weiner H' and Simpson's 1-D) were significantly higher in the intermediate depth range than for depths <100 m and >200 m, respectively, suggesting a trend for more even distribution of benthic fauna amongst the various species in this depth range. There are many possible explanations for this, including Sander's (1968) hypothesis that physical instability (which is more likely at shallower depths) leads to assemblages which are dominated by a few tolerant species, whereas more stable physical habitats (more common at depth) tend to provide greater niche separation, leading to more even distribution of individuals amongst species. Rowe *et al.* (1991) also suggested that diversity usually increases with increasing depth in marine benthos. However, the diversity theories proposed by Sanders (1968) have since been disputed by various authors (c.f. Abele and Walters 1979; Long and Lewis 1987) and continue to be controversial (Burd *et al.* 1990; Gray 2002). Although the spatial scale of measurement seems to

have a great deal to do with findings related to diversity/depth gradients, it is clear that total abundance per species declines with depth in marine coastal areas and the deep-sea, so that the really high abundance dominants are rarer at depth (Gray 2002). This evening out of abundance amongst species would tend to affect diversity indices which are dependent on both species number and the distribution of numbers amongst the species (like H' and 1-D). However, below a certain depth, lack of organic input or quality of food would tend to reduce species number due simply to the paucity of fauna. This may be why the mid-depth range (100-200 m) shows the highest diversity values in the current study.

Biota from deeper than 200 m were typically impoverished, with only sedentariate polychaetes present in 95% of samples. Additional crustacean groups seem to disappear below 200 m, including Tanaidacea, Ostracoda and Isopoda. Therefore, it seems that there is a progression of disappearing faunal groups with increasing depth in the BC coastal data. The ANOVA results support this observation, and show that mean values of all the reliable biotic factors in the three depth ranges were significantly different (Table 3).

The 95th percentile thresholds provide estimates of background ranges for sediment organic content and some geochemical factors (AVS, S^{2-}, Eh) for the west coast of Canada. This may help to explain the presence/absence of biota, and the nature of observed biotic responses, in areas of anthropogenic input. However, as described for organic content (above), interpretation of these sediment factors is not always straightforward. Mean %TN and %TOC were significantly higher (and C/N significantly lower) in the deeper depth ranges; potential reasons for these trends are discussed above. Conversely, mean %TVS was significantly lower in the >200 m depth range, suggesting that %TVS is not measuring the same sediment conditions as either %TN or %TOC. A number of volatile elements and compounds are included in measurements of %TVS, so it is difficult to suggest why this may occur. Since the deeper sediment areas tend to have more recalcitrant organic material (Macdonald *et al.* 2008), it may be that the burning temperature typically used for measuring %TVS is not sufficiently high to burn off all the organic material.

Whereas most of the sediment factors had 95th percentile thresholds close to their maximum measured values for the BC coastal background data, sediment S^{2-} did not. Sediment free sulphide levels in 5% of background samples can be considerably higher than the 95th percentiles noted in this study, particularly in areas where there is heavy wood fibre debris from erosion or unusual patches of heavy algal debris (Barnes 2007; Wright *et al.* 2007a-e). The maximum S^{2-} measured for background areas from one unusual bay was 2000-5000 µM, but if this unusual location is ignored, values up to 1600 µM can occasionally be found where biotic factors are within thresholds calculated herein (Burd 2006; Wright *et al.* 2007a-e). Similarly, naturally anoxic fjord basins in BC result in azoic sediments which may potentially have very low redox values (Stucchi and Giovardo 1984) (no such areas were sampled in this study). In background sediments, redox thresholds typically reflect the degree of hydrographic isolation of a basin and, therefore, low redox values can occur at any depth. Since data from known anoxic basins were not included in the regional database, it is unlikely that the significant difference in mean sediment redox thresholds found for the three depth ranges used in this study represents the full range of natural conditions possible on the west coast of Canada.

UTILITY OF REGIONAL TRENDS AND THRESHOLDS IN IMPACT ASSESSMENT

In this report, a first attempt was made to assess abundance and diversity factors and background thresholds which are assumed to reflect the required components for biological integrity in subtidal soft substrates of BC. For the biotic factors used herein, there is a broad range in possible background values and, as a result, subtle to moderate biotic impoverishments could still fall within the 95th percentile for most of the biotic factors. This is particularly likely where biota are naturally rich and diverse (e.g. the Iona outfall region; McPherson *et al.* 2007a). Therefore, a regional database cannot replace local reference data (if such data are available) for impact assessment. However, a sub-set of the regional database could augment sparse, or inadequate, local reference data.

Karr and Dudley (1981) define "extreme biotic impairment" as the point at which the sediment biota are beyond any capability to function. The challenge for regulators and ecologists involved in impact assessment is to determine what constitutes extreme biotic impairment. Without an understanding of background conditions in the greater region, projecting the long-term risk of anthropogenic inputs to naturally impoverished benthic fauna is difficult. For example, Burd *et al.* (2008) showed that soft substrate faunal abundance, biomass and species richness were low in the central and northern main basins of the Strait of Georgia (see Figure 1c) compared with the southern basin. Biotic factor values in the central and northern basin approach the 95th percentile limits calculated herein. Clearly, any anthropogenic discharge with an organic component would have the potential to dramatically increase productivity in the benthic habitat in these areas over the short term, but also would have the potential to cause the reverse over time. Diaz and Rosenberg (1995) and Gray *et al.* (2002) review and describe benthic faunal responses in many coastal regions worldwide, to increasing eutrophication due to organic inputs of, and the resulting wide-scale loss of biomass and productivity related to declining bottom oxygen levels. The regional database described herein provides a long-term context for monitoring such changes on the west coast of Canada. As new data are available, they will be added to the database.

The regional database also has considerable potential as a tool for ground-truthing trophic models and models of regional organic carbon, or contaminant budgets. Habitat data and abundance data from the BC coastal database converted to biomass, can be used to estimate benthic production/biomass, which is a key component of the biotic sink for organic carbon or contaminants in regional budgets (c.f. Gobas *et al.* 1998; Gobas 2001; Johannessen *et al.* 2003; Burd *et al.*, 2008).

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Table 1. General locations, purpose of study, sampling years, depth range and references for data used in the BC background coastal database.

Region	Study Acronym	Purpose of Study	Year	Depth (m)	References
Alice Arm	Alice Arm	Recovery 15 years after mining	1995	220-330	Burd *et al.* 2000b
Ecological Reserve 67, Southern Gulf Islands	ER67	Background for pipeline	1999	60-70	Burd *et al.* 2000a
Mainland fjords	Fjords	Ambient for deep fjords	1988-1990	221-634	Burd and Brinkhurst 1992
Hecate Strait/Queen Charlotte Sound	Hecate Strait	Fish habitat surveys	1985, 1986	29-148	Burd and Brinkhurst 1987
Southeast Strait of Georgia	Iona	Ambient for outfall	2000-2006	80	Bailey *et al.* 2003; McPherson *et al.* 2003; 2004a; 2005a; 2006a; 2007a
Continental shelf - Vancouver Island	Shelf	Shelf productivity studies	1980	109-197	Brinkhurst 1987
Southeast Vancouver Island	Manley Landing	Background for pipeline landing	2001	1-25	Burd and Glaholt 2000; Glaholt *et al.* 2002
West coast Vancouver Island, Alberni Inlet	Alberni Inlet	EEM Ambient for pulp mill	2000	20	Pulp and Paper Environmental Monitoring Program: ec.gc.ca/eem/english/PulpPaper/default.cfm
Strait of Georgia	EEM	EEM Ambient for pulp mills	2002-2006	30-135	http://www.cofi.org/library_and_resources/publications/environmental_energy/pdf/cofi2000.pdf
Howe Sound	Brittania	Brittania Beach AMD	2000	5-20	G3 Consulting Ltd. 2003
Gorge Harbour, Village Bay, Saltspring Island	Gorge Harbour Village Bay	Oyster farm biodeposition	2005	13-37m	Barnes 2007
Outer Burrard Inlet	Lions Gate	Ambient for Lions Gate outfall	2002-2006	55-75	McPherson *et al.* 2004b ; 2005b; 2006b; 2007b
Northern Strait of Georgia; Johnstone St	Fish farms	BCMOE Fish farm monitoring	2000-2007	30-100	Wright *et al.* 2007a-e; BC Ministry of Environment, unpublished data
Main basin Strait of Georgia	Ambient SoG	Ambient monitoring program: Strait of Georgia	2003, 2004, 2006, 2007	80-340	Wright et al,. 2008, McPherson *et al.* 2004c
Southern Strait of Georgia	PSAMP	Puget Sound Ambient Monitoring Program	1989-2008	20-233	http://www.ecy.wa.gov/programs/eap/psamp/TemporalMonitoring/Temporal.htm
Parry Bay, Juan de Fuca Strait	Macaulay	CRD Macaulay Point outfall monitoring	2000-2007	60-70	Capital Regional District 2003, 2004, 2005, 2006, 2007; Paine *et al.* 2004 http://www.crd.bc.ca/wastewater/marine/macaulay/index.html

Table 1. Continued

Region	Study Acronym	Purpose of Study	Year	Depth (m)	References
Southern Gulf Islands	Sannich Peninsula	CRD Saanich Peninsula outfall monitoring	2004, 2008	30-32	http://www.crd.bc.ca/wastewater/marine/saanich_peninsula/index.html
East side Saanich Peninsula	Bazan Bay	Pipeline study for GSX crossing	2001	10-12	Glaholt *et al.* 2002
West coast Vancouver Island	Effingham	Hydrographic studies of Effingham Inlet	2003	84	Burd, unpublished data, Institute of Ocean Sciences, Sidney, BC
Nanaimo	Nanaimo Harbour	Background for outfall	2007	60-70	Associated Engineering and Lorax Environmental 2005

Table 2. Correlation of sediment factors with biotic factors for BC coastal background data. Values for major taxonomic groups are abundances per 0.1 m^2 grab. Correlation values with magnitudes ≥0.3 (±) have been highlighted.

	Depth	%fines	%TVS	%TN	%TOC	C/N	redox	AVS	S^{2-}
Total Abundance	-0.34	0.08	-0.32	-0.44	-0.25	0.18	0.40	-0.14	-0.20
Number of Species	-0.46	-0.14	-0.28	-0.67	-0.44	0.16	0.28	-0.25	-0.30
Number of Major Taxonomic Groups	-0.41	0.04	-0.30	-0.58	-0.40	0.19	0.22	-0.14	-0.35
Amphipoda	-0.22	-0.14	-0.13	-0.28	-0.12	0.11	0.09	0.09	-0.10
Cumacea	-0.07	0.00	-0.09	-0.01	-0.02	0.16	0.18	-0.02	-0.11
Decapoda	-0.16	-0.14	-0.03	-0.13	-0.15	0.06	0.02	0.01	-0.09
Isopoda	-0.12	-0.18	0.09	-0.08	-0.17	-0.01	0.15	-0.04	0.10
Ostracoda	-0.19	-0.10	-0.13	-0.22	-0.28	0.08	0.14	-0.11	-0.10
Tanaidacea	-0.06	-0.06	-0.01	-0.12	-0.10	-0.19	0.08	-0.06	-0.08
Holothuroidea	0.02	0.21	-0.08	0.09	0.09	-0.05	-0.04	0.02	-0.11
Ophiuroidea	-0.17	0.13	-0.22	-0.30	-0.01	0.13	0.01	0.29	0.01
Bivalvia	-0.29	0.16	-0.35	-0.46	-0.24	0.23	0.38	-0.21	-0.10
Gastropoda	-0.24	0.10	-0.21	-0.27	-0.16	0.10	0.18	-0.08	-0.12
Scaphopoda	-0.18	0.14	-0.12	-0.24	-0.10	0.15	0.18	-0.09	-0.03
Nemertea	-0.16	-0.11	-0.14	-0.17	0.15	0.03	0.10	-0.03	-0.14
Errantiate polychaeta	-0.27	-0.13	-0.11	-0.42	-0.16	0.05	0.31	-0.04	-0.21
Sedentariate polychaeta	-0.20	-0.04	-0.21	-0.27	-0.13	0.05	0.25	-0.13	-0.16
"miscellaneous" taxa	-0.04	-0.01	-0.04	-0.23	-0.04	0.00	0.08	-0.06	-0.09
Crustacea	-0.24	-0.11	-0.16	-0.16	-0.17	-0.08	0.06	0.08	-0.12
H'	-0.34	-0.22	0.17	-0.25	-0.34	0.02	0.04	0.04	-0.29
1-D	-0.10	-0.05	0.21	-0.01	-0.16	-0.01	0.05	0.02	-0.23
Depth		0.36	-0.02	0.49	0.05	-0.35	0.06	-0.02	-0.34
Total Sample Size	1114	1073	434	302	549	296	156	399	139

Table 3. 95th Percentile thresholds for three depth ranges for the coastal database for a) biotic Factors (N=1266); and b) Sediment factors and depth (variable sample sizes as shown). Note that for sediment sulphides and redox, two thresholds are shown for samples concurrent with biotic data, and for all samples available from the coast. ANOVA results for comparison of means for the three depth ranges are included (F, *p*).

a) Biotic Factors	**95th percentile <100 m; N=880**	**95th percentile 100-200 m; N =190**	**95th percentile Depth >200 m; N=196**	**F**	***p***
Hydrozoan abundance	0	0	0		
Bryozoan abundance	0	0	0		
Species number	17	12	4	208.3	<0.001
Total abundance	60	20	8	120.5	<0.001
Number of major taxonomic groups	5	4	2	140.8	<0.001
Echinoderm abundance	0	0	0		
Shannon-Weiner H'	>1.64	>1.96	0.95	85.6	<0.001
Simpson's 1-D	>0.64	<0.76	0.49	31.5	<0.001
Bivalve abundance	7	0	0	133.8	<0.001
Gastropod abundance	0	0	0		
Scaphopod abundance	0	0	0		
Nemertean abundance	0	0	0		
Miscellaneous taxa abundance	0	0	0		
Errantiate polychaete abundance	5	3	0	64.2	<0.001
Sedentariate polychaete abundance	12	5	1	43.9	<0.001
Crustacean abundance	1	0	0	24.1	<0.001
Amphipod abundance	0	0	0		
Isopod abundance	0	0	0		
Leptostracan abundance	0	0	0		
Ostracod abundance	0	0	0		
Tanaid abundance	0	0	0		
Cumacean abundance	0	0	0		
Decapod abundance	0	0	0		

Table 3. Continued.

b) Sediment Factors	95th percentile <100 m	95th percentile 100-200 m	95th percentile >200 m	F	*p*
%TN (n=492; 15; 3)	0.14	0.55	0.5	69.2	<0.001
%TOC (n=706; 16; 3)	1.77	5.5	3.6	15.5	<0.001
%TVS (n=507; 53; 49)	18.8	19.0	11.5	6.02	<0.001
C/N (n=489; 15; 3)	18.5	18.75	8.7	8.9	<0.001
AVS (n=488, 30; 3)	4	4	0.1	0.28	0.75
S^{2-} (n=502; 119; 16) all data	291	216	190	2.52	0.08
S^{2-} (n=154) concurrent with biotic data	315	n/a	n/a		
Eh (n=485; 117; 16) all data	-65	-201	-143	13.34	<0.001
Eh (n=143)) concurrent with biotic data	-110	n/a	n/a		

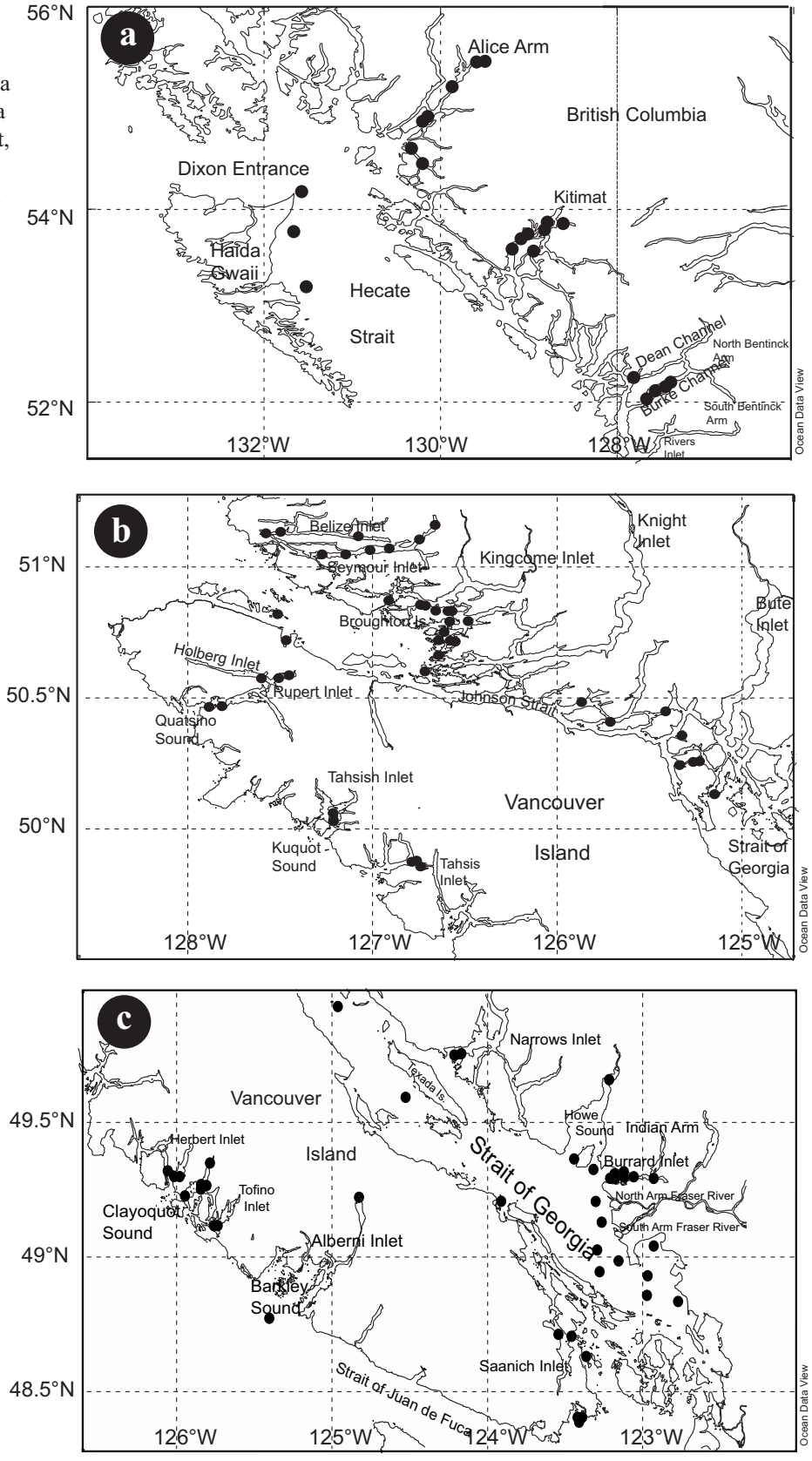

Figure 1. General sampling locations of background data for coastal British Columbia (see Table 1), a) North coast, b) Central coast (north Vancouver Island), c) South coast.

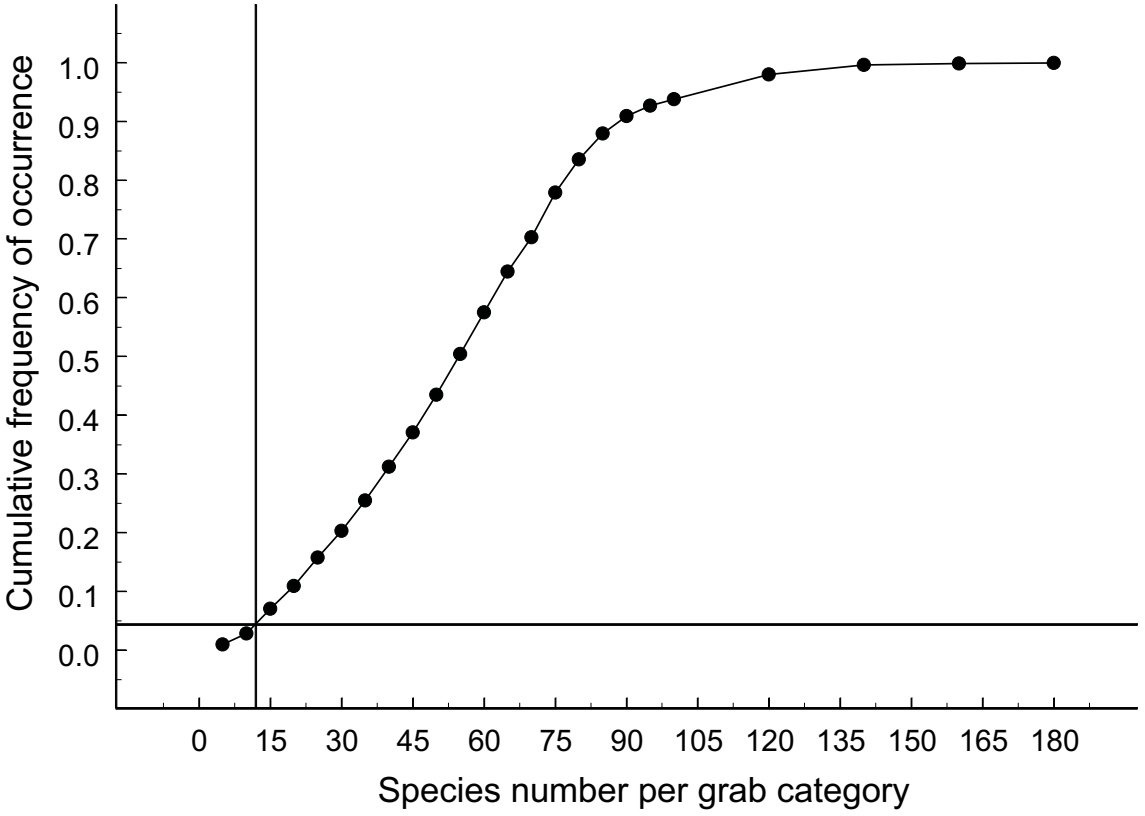

Figure 2. Example of a 95th percentile of the cumulative frequency distribution used to determine background thresholds for biotic factors (species number is used as an illustration).

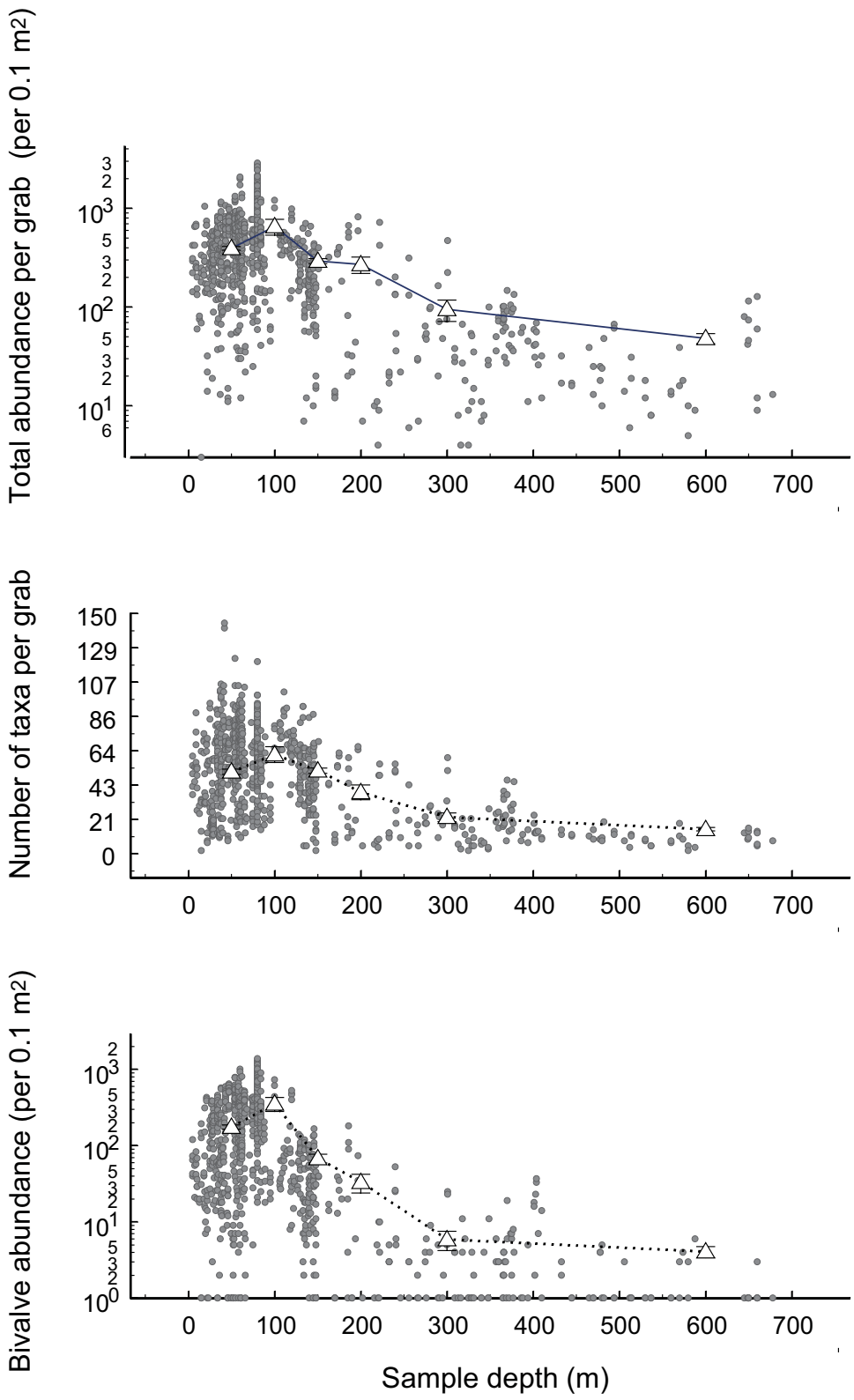

Figure 3. Distribution of selected biotic factors relative to depth for the BC coastal database. Means ± SE for each factor are included for all samples grouped for depth ranges <50 m, 50-100 m, 100-150 m, 150-200 m, 200-300 m, and >300 m.

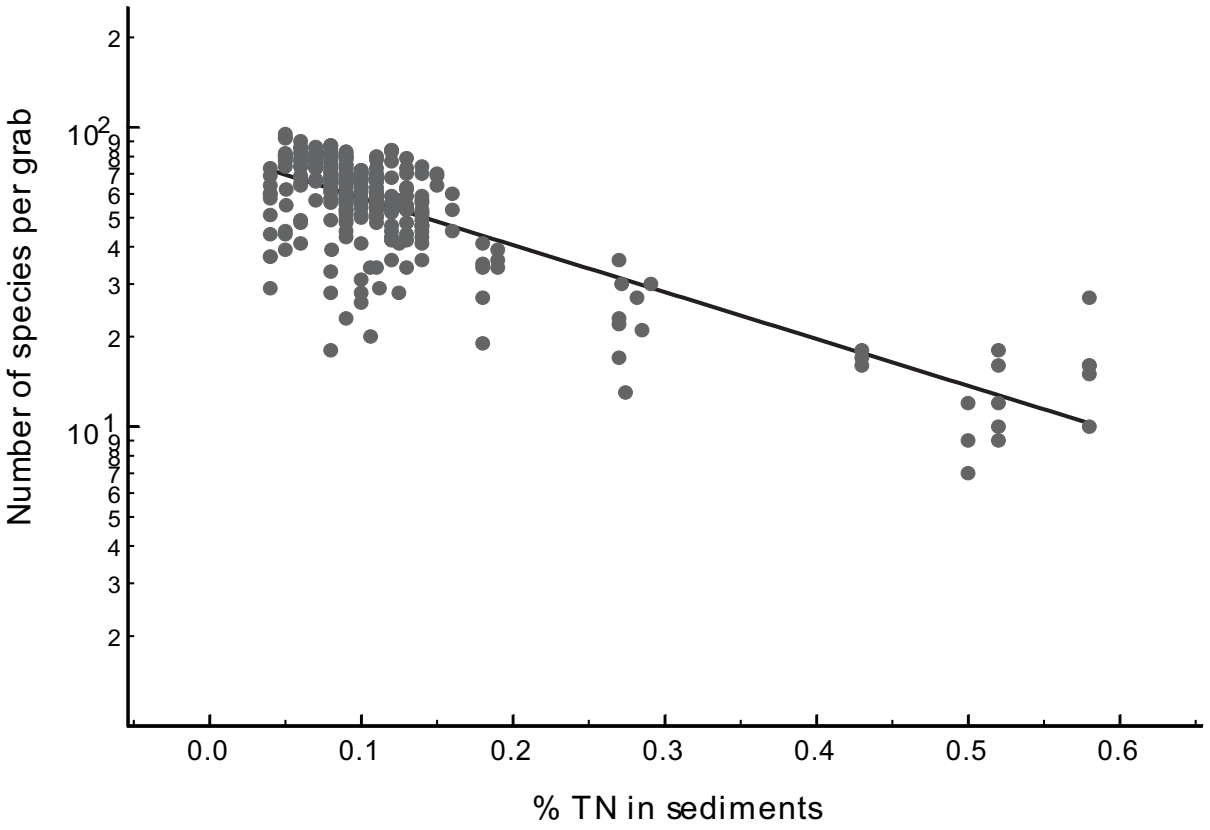

Figure 4. Exponential regression of %TN in sediments versus log10 species number for the BC coastal background data. R^2=0.68, p<0.0001, n = 302.

APPENDICES 1, 2, 3

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Appendix 1. Study locations, dates, station names, and sediment physical (depth, percent fines = silt + clay) and geochemical (%TOC, %TN, Eh or redox potential in mV, AVS in µMol/g dry wt., free sulphides in µM).

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Alice Arm	Alice Arm	1995	CM	1	300	55 26.50	129 31.88	95.40						4.55	
Alice Arm	Alice Arm	1995	CM	2	295	55 26.50	129 31.88	87.90					1.00	4.29	
Alice Arm	Alice Arm	1995	CM	3	291	55 26.50	129 31.88	89.70						4.77	
Alice Arm	Alice Arm	1995	CN	1	276	55 26.67	129 31.70	96.40					1.00	5.14	
Alice Arm	Alice Arm	1995	CN	2	275	55 26.67	129 31.70	97.70						4.40	
Alice Arm	Alice Arm	1995	CN	3	275	55 26.67	129 31.70	95.80						4.16	
Alice Arm	Alice Arm	1995	CS	1	281	55 26.50	129 31.74	89.20						3.69	
Alice Arm	Alice Arm	1995	CS	2	276	55 26.50	129 31.74	75.30						3.23	
Alice Arm	Alice Arm	1995	CS	3	280	55 26.50	129 31.74	88.50						3.55	
Alice Arm	Alice Arm	1995	DM	1	377	55 26.74	129 33.59	93.20						4.64	
Alice Arm	Alice Arm	1995	DM	2	375	55 26.74	129 33.59	92.10						4.88	
Alice Arm	Alice Arm	1995	DM	3	374	55 26.74	129 33.59	93.80					1.00	5.30	
Alice Arm	Alice Arm	1995	DN	1	375	55 26.80	129 33.60	94.10						4.21	
Alice Arm	Alice Arm	1995	DN	2	375	55 26.80	129 33.60	92.50						4.51	
Alice Arm	Alice Arm	1995	DN	3	377	55 26.80	129 33.60	96.60						4.65	
Alice Arm	Alice Arm	1995	DS	1	368	55 26.70	129 33.50	91.70						4.65	
Alice Arm	Alice Arm	1995	DS	2	366	55 26.70	129 33.50	86.20						3.03	
Alice Arm	Alice Arm	1995	DS	3	367	55 26.70	129 33.50	92.70						4.08	
Alice Arm	Alice Arm	1995	EM	1	403	55 27.10	129 37.00	98.00						4.78	
Alice Arm	Alice Arm	1995	EM	2	404	55 27.10	129 37.00	98.60						5.12	
Alice Arm	Alice Arm	1995	EM	3	404	55 27.10	129 37.00	98.20						4.78	
Alice Arm	Alice Arm	1995	EN	1	410	55 27.20	129 37.00	98.10						4.55	
Alice Arm	Alice Arm	1995	EN	2	410	55 27.20	129 37.00	97.50						4.37	
Alice Arm	Alice Arm	1995	EN	3	406	55 27.20	129 37.00	96.90						4.80	
Alice Arm	Alice Arm	1995	ES	1	401	55 27.00	129 37.20	97.80						3.27	
Alice Arm	Alice Arm	1995	ES	2	401	55 27.00	129 37.20	96.30						4.48	
Alice Arm	Alice Arm	1995	ES	3	402	55 27.00	129 37.20	97.50						5.06	
Bazan Bay	Eastern Saanich Peninsula	2002	1A15N1m	1	10	48 37.522	123 24.112	38.10							
Bazan Bay	Eastern Saanich Peninsula	2002	1A15S1m	1	10	48 37.5218	123 24.112	39.70							
Bazan Bay	Eastern Saanich Peninsula	2002	1A1N1mm	1	10	48 37.522	123 24.112	39.50							
Bazan Bay	Eastern Saanich Peninsula	2002	1A1S1mm	1	10	48 37.5219	123 24.112	39.00							
Bazan Bay	Eastern Saanich Peninsula	2002	1A3N1mm	1	10	48 37.522	123 24.112	37.20							
Bazan Bay	Eastern Saanich Peninsula	2002	1A3S1mm	1	10	48 37.5219	123 24.112	40.40							
Bazan Bay	Eastern Saanich Peninsula	2002	1A5N1mm	1	10	48 37.522	123 24.112	37.20							
Bazan Bay	Eastern Saanich Peninsula	2002	1A5S1mm	1	10	48 37.5219	123 24.112	36.90							
Bazan Bay	Eastern Saanich Peninsula	2002	1B15N1m	1	10	48 37.527	123 24.096	34.80							
Bazan Bay	Eastern Saanich Peninsula	2002	1B15S1m	1	10	48 37.5268	123 24.096	43.80							
Bazan Bay	Eastern Saanich Peninsula	2002	1B1N1mm	1	10	48 37.527	123 24.096	43.40							
Bazan Bay	Eastern Saanich Peninsula	2002	1B1S1mm	1	10	48 37.5269	123 24.096	39.10							
Bazan Bay	Eastern Saanich Peninsula	2002	1B3N1mm	1	10	48 37.527	123 24.096	38.60							
Bazan Bay	Eastern Saanich Peninsula	2002	1B3S1mm	1	10	48 37.5269	123 24.096	42.80							
Bazan Bay	Eastern Saanich Peninsula	2002	1B5N1mm	1	10	48 37.527	123 24.096	40.60							
Bazan Bay	Eastern Saanich Peninsula	2002	1B5S1mm	1	10	48 37.5269	123 24.096	46.80							
Bazan Bay	Eastern Saanich Peninsula	2002	2A15N1m	1	10	48 37.522	123 24.112	38.10							
Bazan Bay	Eastern Saanich Peninsula	2002	2A15S1m	1	10	48 37.52186	123 24.112	39.70							
Bazan Bay	Eastern Saanich Peninsula	2002	2A1N1mm	1	10	48 37.522	123 24.112	39.50							
Bazan Bay	Eastern Saanich Peninsula	2002	2A1S1mm	1	10	48 37.52199	123 24.112	39.00							
Bazan Bay	Eastern Saanich Peninsula	2002	2A3N1mm	1	10	48 37.522	123 24.112	37.20							
Bazan Bay	Eastern Saanich Peninsula	2002	2A3S1mm	1	10	48 37.5219	123 24.112	40.40							
Bazan Bay	Eastern Saanich Peninsula	2002	2A5N1mm	1	10	48 37.5220	123 24.112	37.20							
Bazan Bay	Eastern Saanich Peninsula	2002	2A5S1mm	1	10	48 37.5219	123 24.112	36.90							
Bazan Bay	Eastern Saanich Peninsula	2002	2B15N1m	1	10	48 37.527	123 24.096	34.80							

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Bazan Bay	Eastern Saanich Peninsula	2002	2B15S1m	1	10	48 37.5268	123 24.096	43.80							
Bazan Bay	Eastern Saanich Peninsula	2002	2B1N1mm	1	10	48 37.527	123 24.096	43.40							
Bazan Bay	Eastern Saanich Peninsula	2002	2B1S1mm	1	10	48 37.5269	123 24.096	39.10							
Bazan Bay	Eastern Saanich Peninsula	2002	2B3N1mm	1	10	48 37.527	123 24.096	38.60							
Bazan Bay	Eastern Saanich Peninsula	2002	2B3S1mm	1	10	48 37.5269	123 24.096	42.80							
Bazan Bay	Eastern Saanich Peninsula	2002	2B5N1mm	1	10	48 37.527	123 24.096	40.60							
Bazan Bay	Eastern Saanich Peninsula	2002	2B5S1mm	1	10	48 37.5269	123 24.096	46.80							
Bazan Bay	Eastern Saanich Peninsula	2002	a315S1m	1	10	48 37.5248	123 24.105	37.10							
Bazan Bay	Eastern Saanich Peninsula	2002	a35S1mm	1	10	48 37.5249	123 24.105	41.61							
Brittania	Howe Sound	2001	2s	1	19	49 36.84	123 12.82	6.59	0.9				1.74		
Brittania	Howe Sound	2001	2s	2	19	49 36.84	123 12.82	6.59	0.9				1.74		
Brittania	Howe Sound	2001	2s	3	19	49 36.84	123 12.82	6.59	0.9				1.74		
Brittania	Howe Sound	2001	2i	1	7.5	49 36.82	123 12.82	7.60	1				1.64		
Brittania	Howe Sound	2001	2i	2	7.5	49 36.82	123 12.82	7.60	1				1.64		
Brittania	Howe Sound	2001	16i	1	9	49 38.49	123 13.2	1.64	1.9				7.60		
Brittania	Howe Sound	2001	16i	2	9	49 38.49	123 13.2	1.64	1.9				7.60		
Brittania	Howe Sound	2001	16s	1	19	49 38.49	123 13.22	1.74	6.3				6.60		
Brittania	Howe Sound	2001	16s	2	19	49 38.49	123 13.22	1.74	6.3				6.59		
Macaulay	Parry Bay/Juan de Fuca Strait	1994	8W	1	54	48 24.18	123 25.26	33.37					0.58		
Macaulay	Parry Bay/Juan de Fuca Strait	1994	8W	2	54	48 24.18	123 25.26	33.37					0.58		
Macaulay	Parry Bay/Juan de Fuca Strait	1994	8W	3	54	48 24.18	123 25.26	33.37					0.58		
Macaulay	Parry Bay/Juan de Fuca Strait	1994	R1	1	60	48 21.24	123 30.66	22.72	0.21				0.45		
Macaulay	Parry Bay/Juan de Fuca Strait	1994	R1	2	60	48 21.24	123 30.66	22.72	0.21				0.45		
Macaulay	Parry Bay/Juan de Fuca Strait	1994	R1	3	60	48 21.24	123 30.66	22.72	0.21				0.45		
Macaulay	Parry Bay/Juan de Fuca Strait	1997	8W	1	54	48 24.18	123 25.26	31.97	2.1				0.61		
Macaulay	Parry Bay/Juan de Fuca Strait	1997	8W	2	54	48 24.18	123 25.26	31.97	2.1				0.61		
Macaulay	Parry Bay/Juan de Fuca Strait	1997	8W	3	54	48 24.18	123 25.26	31.97	2.1				0.61		
Macaulay	Parry Bay/Juan de Fuca Strait	1997	R1	1	60	48 21.24	123 30.66	22.47	0				0.63		
Macaulay	Parry Bay/Juan de Fuca Strait	1997	R1	2	60	48 21.24	123 30.66	22.47	0				0.63		
Macaulay	Parry Bay/Juan de Fuca Strait	1997	R1	3	60	48 21.24	123 30.66	22.47	0				0.63		
Macaulay	Parry Bay/Juan de Fuca Strait	1999	R1	1	60	48 21.24	123 30.66	31.50	0				0.68		
Macaulay	Parry Bay/Juan de Fuca Strait	1999	R1	2	60	48 21.24	123 30.66	31.50	0				0.68		
Macaulay	Parry Bay/Juan de Fuca Strait	1999	R1	3	60	48 21.24	123 30.66	31.50	0				0.68		
Macaulay	Parry Bay/Juan de Fuca Strait	1999	R1	4	60	48 21.24	123 30.66	31.50	0				0.68		
Macaulay	Parry Bay/Juan de Fuca Strait	1999	R2	1	62	48 21.24	123 30.66	23.70	0				0.66		
Macaulay	Parry Bay/Juan de Fuca Strait	1999	R2	2	62	48 21.24	123 30.66	23.70	0				0.66		
Macaulay	Parry Bay/Juan de Fuca Strait	1999	R2	3	62	48 21.24	123 30.66	23.70	0				0.66		
Macaulay	Parry Bay/Juan de Fuca Strait	1999	R2	4	62	48 21.24	123 30.66	23.70	0				0.66		
Macaulay	Parry Bay/Juan de Fuca Strait	1999	R3	1	58	48 21.24	123 30.66	30.90	1				0.69		
Macaulay	Parry Bay/Juan de Fuca Strait	1999	R3	2	58	48 21.24	123 30.66	30.90	1				0.69		
Macaulay	Parry Bay/Juan de Fuca Strait	1999	R3	3	62	48 21.24	123 30.66	30.90	1				0.69		
Macaulay	Parry Bay/Juan de Fuca Strait	1999	R3	4	58	48 21.24	123 30.66	30.90	1				0.69		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	8W	1	54	48 24.18	123 25.26	40.70	1				0.78		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	8W	2	54	48 24.18	123 25.26	40.70	1				0.78		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	8W	3	54	48 24.18	123 25.26	40.70	1				0.78		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	8W	4	54	48 24.18	123 25.26	40.70	1				0.78		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	R1	1	60	48 21.24	123 30.66	26.30	0.4				0.54		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	R1	2	60	48 21.24	123 30.66	26.30	0.4				0.54		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	R1	3	60	48 21.24	123 30.66	26.30	0.4				0.54		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	R1	4	60	48 21.24	123 30.66	26.30	0.4				0.54		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	R2	1	62	48 21.24	123 30.66	28.60	0				0.61		

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Macaulay	Parry Bay/Juan de Fuca Strait	2000	R2	2	62	48 21.24	123 30.66	28.60	0				0.61		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	R2	3	62	48 21.24	123 30.66	28.60	0				0.61		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	R2	4	62	48 21.24	123 30.66	28.60	0				0.61		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	R3	1	58	48 21.24	123 30.66	30.50	0				0.58		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	R3	2	58	48 21.24	123 30.66	30.50	0				0.58		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	R3	3	58	48 21.24	123 30.66	30.50	0				0.58		
Macaulay	Parry Bay/Juan de Fuca Strait	2000	R3	4	58	48 21.24	123 30.66	30.50	0				0.58		
Macaulay	Parry Bay/Juan de Fuca Strait	2001	8W	1	54	48 24.18	123 25.26	41.30	1				0.76		
Macaulay	Parry Bay/Juan de Fuca Strait	2001	8W	2	54	48 24.18	123 25.26	41.30	1				0.76		
Macaulay	Parry Bay/Juan de Fuca Strait	2001	8W	3	54	48 24.18	123 25.26	41.30	1				0.76		
Macaulay	Parry Bay/Juan de Fuca Strait	2001	R1	1	60	48 21.24	123 30.66	20.00	0.2				0.61		
Macaulay	Parry Bay/Juan de Fuca Strait	2001	R1	2	60	48 21.24	123 30.66	20.00	0.2				0.61		
Macaulay	Parry Bay/Juan de Fuca Strait	2001	R1	3	60	48 21.24	123 30.66	20.00	0.2				0.61		
Macaulay	Parry Bay/Juan de Fuca Strait	2001	R2	1	62	48 21.24	123 30.66	24.20	0				0.62		
Macaulay	Parry Bay/Juan de Fuca Strait	2001	R2	2	62	48 21.24	123 30.66	24.20	0				0.62		
Macaulay	Parry Bay/Juan de Fuca Strait	2001	R2	3	62	48 21.24	123 30.66	24.20	0				0.62		
Macaulay	Parry Bay/Juan de Fuca Strait	2001	R3	1	58	48 21.24	123 30.66	29.30	0				0.76		
Macaulay	Parry Bay/Juan de Fuca Strait	2001	R3	2	58	48 21.24	123 30.66	29.30	0				0.76		
Macaulay	Parry Bay/Juan de Fuca Strait	2001	R3	3	58	48 21.24	123 30.66	29.30	0				0.76		
Macaulay	Parry Bay/Juan de Fuca Strait	2002	8W	1	54	48 24.18	123 25.26	40.50	2.6				0.87		
Macaulay	Parry Bay/Juan de Fuca Strait	2002	8W	2	54	48 24.18	123 25.26	40.50	2.6				0.87		
Macaulay	Parry Bay/Juan de Fuca Strait	2002	8W	4	54	48 24.18	123 25.26	40.50	2.6				0.87		
Macaulay	Parry Bay/Juan de Fuca Strait	2002	R1	1	60	48 21.24	123 30.66	27.20	1.7				0.65		
Macaulay	Parry Bay/Juan de Fuca Strait	2002	R1	3	60	48 21.24	123 30.66	27.20	1.7				0.65		
Macaulay	Parry Bay/Juan de Fuca Strait	2002	R1	4	60	48 21.24	123 30.66	27.20	1.7				0.65		
Macaulay	Parry Bay/Juan de Fuca Strait	2002	R2	1	62	48 21.24	123 30.66	26.80	0.8				0.70		
Macaulay	Parry Bay/Juan de Fuca Strait	2002	R2	3	62	48 21.24	123 30.66	26.80	0.8				0.70		
Macaulay	Parry Bay/Juan de Fuca Strait	2002	R2	4	62	48 21.24	123 30.66	26.80	0.8				0.70		
Macaulay	Parry Bay/Juan de Fuca Strait	2002	R3	1	58	48 21.24	123 30.66	38.30	1.1				0.86		
Macaulay	Parry Bay/Juan de Fuca Strait	2002	R3	2	58	48 21.24	123 30.66	38.30	1.1				0.86		
Macaulay	Parry Bay/Juan de Fuca Strait	2002	R3	3	58	48 21.24	123 30.66	38.30	1.1				0.86		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	8W	1	54	48 24.18	123 25.26	37.57	0.86				0.91		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	8W	2	54	48 24.18	123 25.26	37.57	0.86				0.91		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	8W	3	54	48 24.18	123 25.26	37.57	0.86				0.91		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	PB1	1	60	48 21.24	123 30.66	29.80	0.2				0.69		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	PB1	2	60	48 21.24	123 30.66	29.80	0.2				0.69		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	PB1	3	60	48 21.24	123 30.66	29.80	0.2				0.69		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	PB1	4	60	48 21.24	123 30.66	29.80	0.2				0.69		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	PB2	1	62	48 21.24	123 30.66	33.90	0.4				0.63		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	PB2	2	62	48 21.24	123 30.66	33.90	0.4				0.63		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	PB2	3	62	48 21.24	123 30.66	33.90	0.4				0.63		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	PB3	1	62	48 21.24	123 30.66	48.50	0.4				1.01		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	PB3	2	62	48 21.24	123 30.66	48.50	0.4				1.01		
Macaulay	Parry Bay/Juan de Fuca Strait	2003	PB3	3	62	48 21.24	123 30.66	48.50	0.4				1.01		
Macaulay	Parry Bay/Juan de Fuca Strait	2004	8W	1	54	48 24.18	123 25.26	38.00	1.44				0.79		
Macaulay	Parry Bay/Juan de Fuca Strait	2004	8W	2	54	48 24.18	123 25.26	38.00	1.44				0.79		
Macaulay	Parry Bay/Juan de Fuca Strait	2004	8W	3	54	48 24.18	123 25.26	38.00	1.44				0.79		
Macaulay	Parry Bay/Juan de Fuca Strait	2004	PB1	1	60	48 21.24	123 30.66	29.80	1.18				0.60		
Macaulay	Parry Bay/Juan de Fuca Strait	2004	PB1	2	60	48 21.24	123 30.66	29.80	1.18				0.60		
Macaulay	Parry Bay/Juan de Fuca Strait	2004	PB1	3	60	48 21.24	123 30.66	29.80	1.18				0.60		
Macaulay	Parry Bay/Juan de Fuca Strait	2004	PB2	1	62	48 21.24	123 30.66	27.70	0.64				0.53		
Macaulay	Parry Bay/Juan de Fuca Strait	2004	PB2	2	62	48 21.24	123 30.66	27.70	0.64				0.53		
Macaulay	Parry Bay/Juan de Fuca Strait	2004	PB2	4	62	48 21.24	123 30.66	27.70	0.64				0.53		

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Macaulay	Parry Bay/Juan de Fuca Strait	2004	PB3	1	62	48 21.24	123 30.66	41.90	30.3				0.76		
Macaulay	Parry Bay/Juan de Fuca Strait	2004	PB3	2	62	48 21.24	123 30.66	41.90	30.3				0.76		
Macaulay	Parry Bay/Juan de Fuca Strait	2004	PB3	3	62	48 21.24	123 30.66	41.90	30.3				0.76		
Macaulay	Parry Bay/Juan de Fuca Strait	2004	PB3	4	62	48 21.24	123 30.66	41.90	30.3				0.76		
Saanich Peninsula	Southern Gulf Island	2004	SPR2	1	32	48 38.916	123 19.1904		4.91				0.47		
Saanich Peninsula	Southern Gulf Island	2004	SPR2	2	32	48 38.916	123 19.1904		4.91				0.47		
Saanich Peninsula	Southern Gulf Island	2004	SPR2	4	32	48 38.916	123 19.1904		4.91				0.47		
Saanich Peninsula	Southern Gulf Island	2008	SPR2	2	32	48 38.916	123 19.1904	21.90							
Saanich Peninsula	Southern Gulf Island	2008	SPR2	3	32	48 38.916	123 19.1904	21.90							
Saanich Peninsula	Southern Gulf Island	2008		4	32	48 38.916	123 19.1904	21.90							
Alberni Inlet	West Coast VI, Alberni Inlet	1998	ag20	1	20			68.00				0.36	11.20		31.11
Alberni Inlet	West Coast VI, Alberni Inlet	1998	ag20	2	20			68.00				0.36	11.20		31.11
Alberni Inlet	West Coast VI, Alberni Inlet	1998	ag20	3	20			68.00				0.36	11.20		31.11
EEM	Straight of Georgia (Crofton)	2003	B6	2	55	48 51.85	123 38.633	0.85				0.08	1.52		18.90
EEM	Straight of Georgia (Crofton)	2003	B6	3	55	48 51.85	123 38.633	0.85				0.08	1.52		18.90
EEM	Straight of Georgia (Crofton)	2003	B6	1	55	48 51.85	123 38.633	0.85				0.08	1.52		18.90
EEM	Straight of Georgia (Crofton)	2003	B5C	2	55	48 54.533	123 39.649	2.61				0.12	1.14		9.13
EEM	Straight of Georgia (Crofton)	2003	B5C	3	55	48 54.533	123 39.649	2.61				0.12	1.14		9.13
EEM	Straight of Georgia (Crofton)	2003	B5C	1	55	48 54.533	123 39.649	2.61				0.12	1.14		9.13
EEM	Straight of Georgia (Harmac)	2002	N14	1	115	49 09.15	123 52.866	56.80	3.03			0.54	8.90		16.60
EEM	Straight of Georgia (Harmac)	2002	N14	2	115	49 09.15	123 52.866	56.80	3.03			0.54	8.90		16.60
EEM	Straight of Georgia (Harmac)	2002	N14	3	115	49 09.15	123 52.866	56.80	3.03			0.54	8.90		16.60
EEM	Straight of Georgia (Harmac)	2002	N14	4	115	49 09.15	123 52.866	56.80	3.03			0.54	8.90		16.60
EEM	Straight of Georgia (Harmac)	2002	N14	5	115	49 09.15	123 52.866	56.80	3.03			0.54	8.90		16.60
EEM	Straight of Georgia (Harmac)	2002	N15	1	135	49 10.167	123 52.866	52.75	3.87			0.61	8.90		14.60
EEM	Straight of Georgia (Harmac)	2002	N15	2	135	49 10.167	123 52.866	52.75	3.87			0.61	8.90		14.60
EEM	Straight of Georgia (Harmac)	2002	N15	3	135	49 10.167	123 52.866	52.75	3.87			0.61	8.90		14.60
EEM	Straight of Georgia (Harmac)	2002	N15	4	135	49 10.167	123 52.866	52.75	3.87			0.61	8.90		14.60
EEM	Straight of Georgia (Harmac)	2002	N15	5	135	49 10.167	123 52.866	52.75	3.87			0.61	8.90		14.60
EEM	Straight of Georgia (Harmac)	2006	N15	1	135	49 10.167	123 52.866	81.00				0.27	5.39		19.84
EEM	Straight of Georgia (Harmac)	2006	N15	2	135	49 10.167	123 52.866	87.20				0.29	5.58		19.57
EEM	Straight of Georgia (Harmac)	2006	N15	3	135	49 10.167	123 52.866	79.30				0.29	5.57		19.15
EEM	Straight of Georgia (Harmac)	2006	N15	4	135	49 10.167	123 52.866	74.00				0.28	5.10		18.10
EEM	Straight of Georgia (Harmac)	2006	N15	5	135	49 10.167	123 52.866	89.60				0.04	5.39		134.75
EEM	Straight of Georgia (Harmac)	2006	N2	1	46	49 08.4	123 50.875	4.20				0.04	1.12		28.00
EEM	Straight of Georgia (Harmac)	2006	N2	2	46	49 08.4	123 50.875	3.80					2.31		
EEM	Straight of Georgia (Harmac)	2006	N2	3	46	49 08.4	123 50.875	3.30				0.04	1.28		32.00
EEM	Straight of Georgia (Harmac)	2006	N2	4	46	49 08.4	123 50.875	3.50				0.04	1.01		25.25
EEM	Straight of Georgia (Harmac)	2006	N2	5	46	49 08.4	123 50.875	2.40				0.04	0.75		18.75
EEM	Strait of Georgia (Powell River)	2001	PRB10	1	32	49 56.676	124 43.08	1.20				0.05	0.48		9.60
EEM	Strait of Georgia (Powell River)	2001	PRB10	2	32	49 56.676	124 43.08					0.05	0.48		9.60
EEM	Strait of Georgia (Powell River)	2001	PRB10	2	32	49 56.676	124 43.08	1.20				0.05	0.48		9.60
EEM	Strait of Georgia (Powell River)	2001	PRB7	1	30	49 46.7667	124 22.367	4.70				0.04	0.31		8.86
EEM	Strait of Georgia (Powell River)	2001	PRB7	2	30	49 46.7667	124 22.367					0.04	0.31		8.86
EEM	Strait of Georgia (Powell River)	2001	PRB7	2	30	49 46.7667	124 22.367	4.70				0.04	0.31		8.86
EEM	Strait of Georgia (Powell River)	2001	PRB9	1	34	49 58.967	124 45.75	5.30				0.05	0.36		7.14
EEM	Strait of Georgia (Powell River)	2001	PRB9	2	34	49 58.967	124 45.75					0.05	0.36		7.14
EEM	Strait of Georgia (Powell River)	2001	PRB9	2	34	49 58.967	124 45.75	5.30				0.05	0.36		7.14
EEM	Strait of Georgia (Howe Sound)	2003	B14	1	71	49 35.583	124 46.783	91.10				0.11	2.40		21.42

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
EEM	Strait of Georgia (Howe Sound)	2003	HSB14	3	71	49 35.583	124 46.783	91.10				0.11	2.40		21.42
EEM	Strait of Georgia (Howe Sound)	2003	B15	1	62	49 33.550	124 44.749	63.00				0.13	1.30		10.23
EEM	Strait of Georgia (Howe Sound)	2003	B18	1	55	49 30.49 999	124 41.7	73.80				0.13	1.50		12.00
EEM	Strait of Georgia (Howe Sound)	2003	B19	1	62	49 34.567	124 40.683	74.00					1.60		
EEM	Strait of Georgia (Howe Sound)	2003	HSB14	2	71	49 35.583	124 46.783	91.10				0.11	2.40		21.42
EEM	Strait of Georgia (Howe Sound)	2003	HSB14	3	71	49 35.583	124 46.783	91.10				0.11	2.40		21.42
EEM	Strait of Georgia (Howe Sound)	2003	HSB15	2	62	49 33.550	124 44.749	63.00				0.13	1.30		10.23
EEM	Strait of Georgia (Howe Sound)	2003	HSB15	3	62	49 33.550	124 44.749	63.00				0.13	1.30		10.23
EEM	Strait of Georgia (Howe Sound)	2003	HSB18	2	55	49 30.49 999	124 41.7	73.80				0.13	1.50		12.00
EEM	Strait of Georgia (Howe Sound)	2003	HSB18	3	55	49 30.49 999	124 41.7	73.80				0.13	1.50		12.00
EEM	Strait of Georgia (Howe Sound)	2003	HSB19	2	62	49 34.567	124 40.683	74.00					1.60		
EEM	Strait of Georgia (Howe Sound)	2003	HSB19	3	62	49 34.567	124 40.683	74.00					1.60		
Effingham	West Coast Vancouver Island	2002	EFF11	1	84	48 59.10	125 11.04								
Effingham	West Coast Vancouver Island	2002	EFF11	2	84	48 59.10	125 11.04								
ER67	Ecological Reserve 67 (Satellite Channel)	2000	ER67-1	1	73	48 42.102	123 28.53	40.70							
ER67	Ecological Reserve 67 (Satellite Channel)	2000	KP63R-2	1	75	48 42.386	123 28.989	43.10							
ER67	Ecological Reserve 67 (Satellite Channel)	2000	KP62R-1	1	75	48 42.426	123 27.936	34.30					6.06		
ER67	Ecological Reserve 67 (Satellite Channel)	2000	KP61.3-1	1	73	48 42.404	123 28.244	46.60					3.08		
ER67	Ecological Reserve 67 (Satellite Channel)	2000	KP61R-2	1	77	48 42.909	123 27.841	37.70							
ER67	Ecological Reserve 67 (Satellite Channel)	2000	KP62.5R-	1	80	48 42.783	123 28.597	40.20							
ER67	Ecological Reserve 67 (Satellite Channel)	2000	KP61.5-2	1	81	48 42.805	123 28.159	46.10							
Fish farms	Arrow Pass	2000	R1	1	37	50 42.722	126 39.097	28.00			100.00			7.39	
Fish farms	Arrow Pass	2001	R1	1	47	50 42.708	126 39.309	31.00		528.00	216.00		2.00	4.50	
Fish farms	Arrow Pass	2001	R1	2	47	50 42.708	126 39.309	31.00		12.00	225.00		1.90	4.30	
Fish farms	Arrow Pass	2001	R1	3	47	50 42.708	126 39.309	31.00		169.00	217.00		1.80	3.50	
Fish farms	Bare Bay	2000	R1	1	66	49 18.796	125 47.665	97.00		61.00				15.00	
Fish farms	Bare Bay	2000	R1	2	66	49 18.796	125 47.665	97.00		68.00				15.00	
Fish farms	Bare Bay	2000	R1	3	66	49 18.796	125 47.665	97.00		47.00				14.60	
Fish farms	Bawden Point	2000	R1	1	38	49 18.241	125 59.137	33.00		32.00	228.00	0.14	1.40	4.80	
Fish farms	Bawden Point	2000	R1	2	38	49 18.241	125 59.137	33.00		15.00	208.00	0.14	1.50	4.58	
Fish farms	Bawden Point	2000	R1	3	38	49 18.241	125 59.137	33.00		12.00	214.00	1.40	1.50	4.82	
Fish farms	Bawden Point	2002	R1	1	68	49 18.337	125 59.159			54.00	376.00			6.00	
Fish farms	Bawden Point	2002	R1	2	66	49 18.337	125 59.159			58.00	264.00			5.00	
Fish farms	Bawden Point	2002	R1	3	88	49 18.337	125 59.159			92.00	130.00			8.00	
Fish farms	Bawden Point	2002	R2	1	88	49 18.433	126 01.467	63.00		86.00	164.00			8.00	
Fish farms	Bawden Point	2002	R2	2	88	49 18.433	126 01.467	63.00		53.00	230.00			8.00	
Fish farms	Bawden Point	2002	R2	3	88	49 18.433	126 01.467	63.00		77.00	282.00			5.00	
Fish farms	Bawden Point	2002	R2	3	88	49 18.433	126 01.467	63.00		92.00	130.00			8.00	
Fish farms	Bedwell	2001	R1	1	58	49 15.457	125 48.064			130.00	-157.00		2.90	8.10	
Fish farms	Bedwell	2001	R1	2	58	49 15.457	125 48.064			108.00	-11.00		2.80	7.70	
Fish farms	Bedwell	2001	R1	3	58	49 15.457	125 48.064			124.00	105.00		3.00	8.00	
Fish farms	Bedwell	2001	R2	1	56	49 16.67	125 48.635	84.00		314.00	8.00		3.20	8.50	
Fish farms	Bedwell	2001	R2	2	56	49 16.67	125 48.635	84.00		107.00	22.00		3.00	8.60	
Fish farms	Bedwell	2001	R2	3	56	49 16.67	125 48.635	84.00		193.00	137.00		3.20	8.40	
Fish farms	Bedwell	2007	Ref 1	1	60	49 15.587	125 48.935	74.90		91.00	77.00			9.00	
Fish farms	Bedwell	2007	Ref 1	2	60	49 15.590	125 48.939	74.90		76.00	70.00			11.00	
Fish farms	Bedwell	2007	Ref 1	3	60	49 15.589	125 48.929	74.90		98.00	111.00			10.00	
Fish farms	Bedwell	2007	Ref 2	1	56.9	49 16.674	125 48.638	84.50		86.00	41.00			9.00	
Fish farms	Bedwell	2007	Ref 2	2	57.3	49 16.674	125 48.639	84.50		175.00	-41.00			11.00	
Fish farms	Bedwell	2007	Ref 2	3	57.4	49 16.671	125 48.638	84.50		291.00	-98.00			10.00	

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Fish farms	Bell Island	2000	R1	1	34	50 49.768	127 31.159	10.00		187.00	29.00			14.30	
Fish farms	Bell Island	2000	R1	2	34	50 49.768	127 31.159	10.00		43.00	138.00			12.60	
Fish farms	Bell Island	2003	R2	1	23.2	50 49.989	127 32.277	25.00		173.00	-84.00			7.50	
Fish farms	Bell Island	2003	R2	2	31.7	50 49.989	127 32.277	25.00		204.00	224.00			10.30	
Fish farms	Bell Island	2003	R2	3	30.8	50 49.989	127 32.277	25.00		57.00	75.00			7.00	
Fish farms	Blunden Pass	2000	R1	1	40	50 44.233	126 37.069	13.00			-44.00			8.39	
Fish farms	Burdwood	2000	R1	1	61	50 47.203	126 29.175	29.00		9.00	225.00			12.60	
Fish farms	Cecil Island	2000	R1	1	28	50 50.557	126 42.956	51.00			40.00			14.30	
Fish farms	Cecil Island	2001	R1	1	52	50 50.674	126 42.782	21.00		4.00	212.00			5.80	
Fish farms	Cecil Island	2001	R1	2	52	50 50.674	126 42.782	21.00		14.00	244.00			9.00	
Fish farms	Cecil Island	2001	R1	3	52	50 50.674	126 42.782	21.00		9.00	214.00			12.00	
Fish farms	Cecil Island	2001	R2	1	55	50 50.688	126 42.762	23.00		7.00	244.00			5.50	
Fish farms	Cecil Island	2001	R2	2	55	50 50.688	126 42.762	23.00		25.00	207.00			7.70	
Fish farms	Cecil Island	2001	R2	3	55	50 50.688	126 42.762	23.00		7.00	241.00			6.00	
Fish farms	Centre Cove	2001	R1	1	36	50 01.98	127 11.133	48.00		93.00	-128.00		3.50	13.40	
Fish farms	Centre Cove	2001	R1	2	36	50 01.98	127 11.133	48.00		5.00	72.00		1.40	6.00	
Fish farms	Centre Cove	2001	R1	3	36	50 01.98	127 11.133	48.00		1.00	220.00		1.00	2.10	
Fish farms	Centre Cove	2001	R2	1	41	50 00.08	127 09.468	14.00		7.00	217.00		1.30	6.00	
Fish farms	Centre Cove	2001	R2	2	41	50 00.08	127 09.468	14.00		30.00	102.00		1.30	5.00	
Fish farms	Centre Cove	2001	R2	3	41	50 00.08	127 09.468	14.00		45.00	106.00		2.00	5.50	
Fish farms	Coal Harbour	2000	R1	1	40	50 34.202	127 35.194	34.00		2.00	5.00			2.60	
Fish farms	Coal Harbour	2000	R1	2	40	50 34.202	127 35.194	34.00		49.00	-36.00			4.50	
Fish farms	Coal Harbour	2000	R1	3	40	50 34.202	127 35.194	34.00		46.00	-61.00			1.90	
Fish farms	Cypress Harbour	2000	R1	2	13	50 50.202	126 40.144	10.00		671.00	109.00			2.44	
Fish farms	Cypress Harbour	2000	R1	1	13	50 50.202	126 40.144	10.00		686.00	105.00			2.22	
Fish farms	Cyrus Rocks	2000	R1	1	38	50 15.566	125 12.888	24.00		112.00	244.00	0.12	1.20	2.84	
Fish farms	Cyrus Rocks	2000	R1	2	38	50 15.566	125 12.888	24.00		71.00	201.00	0.15	1.70	3.38	
Fish farms	Cyrus Rocks	2000	R1	3	38	50 15.566	125 12.888	24.00		44.00	200.00	0.12	1.40	3.11	
Fish farms	Cyrus Rocks	2001	R1	1	34	50 14.106	125 10.908	29.00		25.00	27.00			3.00	
Fish farms	Cyrus Rocks	2001	R1	2	34	50 14.106	125 10.908	29.00		37.00	117.00			2.30	
Fish farms	Cyrus Rocks	2001	R1	3	34	50 14.106	125 10.908	29.00		11.00	91.00			2.60	
Fish farms	Cyrus Rocks	2001	R2	1	38	50 15.762	125 12.96	22.00		114.00	206.00			2.60	
Fish farms	Cyrus Rocks	2001	R2	2	38	50 15.762	125 12.96	22.00		115.00	218.00			2.30	
Fish farms	Cyrus Rocks	2001	R2	3	38	50 15.762	125 12.96	22.00		36.00	218.00			2.00	
Fish farms	Dunsterville Bay	2000	R1	1	46	50 10.115	125 08.23	8.00		30.00	206.00	0.13	1.40	2.98	
Fish farms	Ho Hoe Island	2000	R1	2	61	50 02.987	127 11.218	28.00		138.00	198.00			8.43	
Fish farms	Ho Hoe Island	2000	R1	1	61	50 02.987	127 11.218	28.00		106.00	198.00	0.11		8.90	
Fish farms	Indian Bay	2000	R1	1	38	49 7.544	125 46.131	8.00		891.00				1.67	
Fish farms	Indian Bay	2001	R2	1	45	49 07.35	125 45.29			8.00	164.00		0.9	2.60	
Fish farms	Indian Bay	2001	R2	2	45	49 07.35	125 45.29			9.00	147.00		0.8	1.70	
Fish farms	Indian Bay	2001	R2	3	45	49 07.35	125 45.29			16.00	122.00		1.3	2.50	
Fish farms	Indian Bay	2001	R1	1	46	49 06.879	125 44.394	76.00		62.00	88.00		3.4	6.80	
Fish farms	Indian Bay	2001	R1	2	46	49 06.879	125 44.394	76.00		28.00	46.00		3.3	8.30	
Fish farms	Indian Bay	2001	R1	3	46	49 06.879	125 44.394	76.00		54.00	17.00		3.30	8.20	
Fish farms	Jervis Cove	2003	R1	1	54.9	49 45.2	124 05.08	16.00		87.00	254.00			16.90	
Fish farms	Jervis Cove	2003	R1	2	51.8	49 45.2	124 05.08	16.00		247.00	253.00			32.50	
Fish farms	Jervis Cove	2003	R1	3	49.7	49 45.2	124 05.08	16.00		700.00	-110.00			45.10	
Fish farms	Koskimo Bay	2000	R1	1	22	50 27.563	127 53.954	15.00		6.00	-30.00			7.00	
Fish farms	Koskimo Bay	2000	R1	2	22	50 27.563	127 53.954	15.00		12.00	-22.00			6.38	
Fish farms	Koskimo Bay	2000	R1	3	22	50 27.563	127 53.954	15.00		3.00	49.00			5.41	
Fish farms	Larsen Island	2002	R1	1	41	50 35.855	126 37.974			230.00	536.00			2.00	
Fish farms	Larsen Island	2002	R1	2	42	50 35.855	126 37.974			255.00	357.00			2.00	
Fish farms	Larsen Island	2002	R1	3	42	50 35.855	126 37.974			229.00				2.00	
Fish farms	Larsen Island	2002	R2	1	34	50 35.734	126 37.488				367.00			3.00	

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Fish farms	Larsen Island	2002	R2	2	38	50 35.734	126 37.488				311.00			2.00	
Fish farms	Larsen Island	2002	R2	3	30	50 35.734	126 37.488				243.00			2.00	
Fish farms	Lees Bay	2000	R1	1	89	50 24.88	125 41.214	26.00		13.00	97.00	0.13		4.70	
Fish farms	Lees Bay	2000	R1	2	89	50 24.88	125 41.214	26.00		17.00	17.00			7.24	
Fish farms	Lees Bay	2000	R1	3	89	50 24.88	125 41.214	26.00		7.00	51.00			5.13	
Fish farms	Mahatta West	2000	R1	1	42	50 28.331	127 50.63	8.00		68.00	172.00			4.51	
Fish farms	Mahatta West	2000	R1	2	42	50 28.331	127 50.63			28.00	45.00			7.10	
Fish farms	Mahatta West	2000	R1	3	42	50 28.331	127 50.63			43.00	-39.00			7.53	
Fish farms	Midsummer Island	2005	R1	1	53	Approx. 57 m from pen				225.00	529.00			5.00	
Fish farms	Midsummer Island	2005	R1	3	54	Approx. 57 m from pen				75.00	285.00			4.00	
Fish farms	Midsummer Island	2005	R1	2	54	Approx. 57 m from pen				210.00	260.00			6.00	
Fish farms	Midsummer Island	2001	R1	1	38	50 39.401	126 39.21	21.00		73.00	218.00			3.00	
Fish farms	Midsummer Island	2001	R1	2	38	50 39.401	126 39.21	21.00		40.00	220.00			5.70	
Fish farms	Midsummer Island	2001	R1	3	38	50 39.401	126 39.21	21.00		19.00	181.00			5.10	
Fish farms	Midsummer Island	2001	R2	1	40	50 39.361	126 38.341	24.00		12.00	215.00			10.60	
Fish farms	Midsummer Island	2001	R2	2	40	50 39.361	126 38.341	24.00		74.00	221.00			10.40	
Fish farms	Midsummer Island	2001	R2	3	40	50 39.361	126 38.341	24.00		27.00	216.00			9.70	
Fish farms	Midsummer Island	2005	R1	1	50	50 39.422	126 39.497	25.72		36.00	-50.00			5.20	
Fish farms	Midsummer Island	2005	R1	2	53	50 39.422	126 39.497	18.31		26.00	-39.00			4.87	
Fish farms	Midsummer Island	2005	R1	3	53	50 39.422	126 39.497	18.31		26.00	-16.00			5.19	
Fish farms	Midsummer Island	2005	R1	4	52	50 39.422	126 39.497	26.17		36.00	-50.00			5.20	
Fish farms	Midsummer Island	2005	R1	5	52	50 39.422	126 39.497	26.17		26.00	-39.00			4.87	
Fish farms	Midsummer Island	2005	R1	6	50	50 39.422	126 39.497	25.72		26.00	-16.00			5.19	
Fish farms	Midsummer Island	2005	R2	1	63	50 .39.539	126 39.125	17.52		37.00	10.00			4.49	
Fish farms	Midsummer Island	2005	R2	2	63	50 .39.539	126 39.125	17.67		30.00	40.00			3.42	
Fish farms	Midsummer Island	2005	R2	3	64	50 .39.539	126 39.125	21.59		19.00	63.00			3.85	
Fish farms	Orchard Bay	2000	R1	1	43	50 15.225	125 20.948	31.00		131.00	188.00	0.135	1.4	3.68	
Fish farms	Orchard Bay	2000	R1	2	43	50 15.225	125 20.948	31.00		289.00	200.00	0.135	1.4	3.05	
Fish farms	Orchard Bay	2000	R1	3	43	50 15.225	125 20.948	31		291.00	200.00	0.135	1.4	3.20	
Fish farms	Power Bay	2000	R1	1	52	49 45.189	124 11.223	63.00		2.00	357.00	0.247	2	7.51	
Fish farms	Power Bay	2000	R1	2	52	49 45.189	124 11.223	63.00		2.00	306.00	0.4	2.6	10.40	
Fish farms	Power Bay	2000	R1	3	52	49 45.189	124 11.223	63.00		0.00	376.00	0.258	1.9	6.74	
Fish farms	Saranac	2003	R1	1	37	49 14.275	125 54.591	3.00		43.00	161.00			2.30	
Fish farms	Saranac	2003	R1	2	37	49 14.275	125 54.591	3.00		96.00	-54.00			2.80	
Fish farms	Saranac	2003	R1	3	38	49 14.275	125 54.591	3.00		42.00	181.00			2.20	
Fish farms	Saranac	2003	R2	1	33	49 14.875	125 55.503	14.00		10.00	255.00			1.30	
Fish farms	Saranac	2003	R2	2	32	49 14.875	125 55.503	14.00		13.00	260.00			1.20	
Fish farms	Saranac	2003	R2	3	33	49 14.875	125 55.503	14.00		14.00	252.00			1.20	
Fish farms	Shaw Point	2001	R1	1	38	50 28.913	125 53.965	95.00		146.00	-178.00		5.4	13.70	
Fish farms	Shaw Point	2001	R1	2	38	50 28.913	125 53.965	95.00		140.00	-169.00		4.3	13.40	
Fish farms	Shaw Point	2001	R1	3	38	50 28.913	125 53.965	95.00		315.00	-132.00		4.3	13.70	
Fish farms	Shaw Point	2001	R2	1	35	50 29.207	125 52.342	90.00		233.00	55.00		4.4	2.80	
Fish farms	Shaw Point	2001	R2	2	35	50 29.207	125 52.342	90.00		89.00	31.00		4.4	11.30	
Fish farms	Shaw Point	2001	R2	3	35	50 29.207	125 52.342	90.00		187.00	57.00		4.2	11.20	
Fish farms	Sir Edmund Bay	2000	R1	1	34	50 49.959	126 36.61	7.00		12	197.00			1.88	
Fish farms	Sir Edmund Bay	2002	R1	1	62	50 49.965	126 36.316			5.00	469.00			7.00	
Fish farms	Sir Edmund Bay	2002	R1	2	62	50 49.965	126 36.316			0.00	465.00			4.00	
Fish farms	Sir Edmund Bay	2002	R1	3	62	50 49.965	126 36.316			2.00	363.00			5.00	
Fish farms	Sir Edmund Bay	2003	R1	1	59.4	50 49.959	126 36.327	31.00		12.00	47.00			4.00	
Fish farms	Sir Edmund Bay	2003	R1	2	60.7	50 49.959	126 36.327	31.00		11.00	282.00			4.90	
Fish farms	Sir Edmund Bay	2003	R1	3	61.9	50 49.959	126 36.327	31.00		15.00	-36.00			7.20	
Fish farms	Sir Edmund Bay	2004	R1	1	58.1	50 49.971	126 36.309	21.00		28.00	230.00			3.90	
Fish farms	Sir Edmund Bay	2004	R1	2	59.9	50 49.971	126 36.309	21.00		24.00	134.00			6.30	

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Fish farms	Sir Edmund Bay	2004	R1	3	60	50 49.971	126 36.309	21.00		12.00	214.00			3.30	
Fish farms	Upper Retreat	2000	R1	1	38	50 43.208	126 34.295	28.00		49.00	217.00		3.2	4.30	
Fish farms	Upper Retreat	2000	R1	2	38	50 43.208	126 34.295	29.00		70.00	227.00		1.9	3.50	
Fish farms	Upper Retreat	2000	R1	3	38	50 43.208	126 34.295	29.00		40.00	220.00		3	4.00	
Fish farms	Upper Retreat	2001	R1	1	34	50 43.067	126 34.649	48.00		44.00	213.00		2.8	6.40	
Fish farms	Upper Retreat	2001	R1	2	34	50 43.067	126 34.649	48.00		88.00	211.00		2.8	8.30	
Fish farms	Upper Retreat	2001	R1	3	34	50 43.067	126 34.649	48.00		54.00	202.00			6.20	
Fish farms	Upper Retreat	2001	R2	1	38	50 44.117	126 33.646	40.00		593.00	205.00			5.60	
Fish farms	Upper Retreat	2001	R2	2	38	50 44.117	126 33.646	40.00		1610.00	124.00			4.90	
Fish farms	Upper Retreat	2001	R2	3	38	50 44.117	126 33.646	40.00		919.00	210.00			4.80	
Fish farms	Young Pass	2000	R1	1	39	50 20.813	125 19.583	13.00		83.00	178.00			6.44	
Fish farms	Young Pass	2000	R1	3	39	50 20.813	125 19.583	13.00		80.00	169.00			4.36	
Fish farms	Young Pass	2000	R1	2	39	50 20.813	125 19.583	13.00		87.00	126.00			6.16	
Fjords	Mainland fjords	1987	10	1	445	52 15.799	127 46.2	97.00							
Fjords	Mainland fjords	1987	10	2	445	52 15.799	127 46.2	97.00							
Fjords	Mainland fjords	1987	13	1	570	53 10.5	129 07.900	70.00							
Fjords	Mainland fjords	1987	13	2	570	53 10.5	129 07.900	70.00							
Fjords	Mainland fjords	1987	14A	1	301	53 34.00	129 12.00	26.00							
Fjords	Mainland fjords	1987	14A	2	301	53 34.00	129 12.00	26.00							
Fjords	Mainland fjords	1987	14B	1	370	53 34.00	129 12.00	26.00							
Fjords	Mainland fjords	1987	14B	2	370	53 34.00	129 12.00	26.00							
Fjords	Mainland fjords	1987	14C	1	360	53 39.00	129 09.00	93.00							
Fjords	Mainland fjords	1987	14C	2	360	53 39.00	129 09.00	93.00							
Fjords	Mainland fjords	1987	15	1	357	53 48.49 99	128 49.99	99.00							
Fjords	Mainland fjords	1987	15	2	357	53 48.49 99	128 49.99	99.00							
Fjords	Mainland fjords	1987	18	1	222	55 04.399	130 10.699	98.00							
Fjords	Mainland fjords	1987	18	2	222	55 04.399	130 10.699	98.00							
Fjords	Mainland fjords	1987	20A	1	233	55 25.00	130 01.999	97.00							
Fjords	Mainland fjords	1987	20A	2	233	55 25.00	130 01.999	97.00							
Fjords	Mainland fjords	1987	20B	1	233	55 25.00	130 01.999	98.00							
Fjords	Mainland fjords	1987	20B	2	233	55 25.00	130 01.999	98.00							
Fjords	Mainland fjords	1987	20C	1	256	55 19.00	129 59.50	96.00							
Fjords	Mainland fjords	1987	20C	2	256	55 19.00	129 59.50	96.00							
Fjords	Mainland fjords	1987	5A	1	241	52 4.99	127 38.50	46.00							
Fjords	Mainland fjords	1987	5A	2	241	52 4.99	127 38.50	46.00							
Fjords	Mainland fjords	1987	5B	1	343	52 4.99	127 38.50	92.00							
Fjords	Mainland fjords	1987	5C	1	433	52 09.00	127 33.00	80.00							
Fjords	Mainland fjords	1987	5C	2	433	52 09.00	127 33.00	80.00							
Fjords	Mainland fjords	1987	9	1	494	52 38.10	127 01.80	97.90							
Fjords	Mainland fjords	1987	9	2	494	52 38.10	127 01.80	97.90							
Fjords	Mainland fjords	1989	15	1	318	53 52 .00	128 46.50	88.00							
Fjords	Mainland fjords	1989	15	2	318	53 52 .00	128 46.50	99.00							
Fjords	Mainland fjords	1989	16	1	378	54 33.199	130 18.10	36.00							
Fjords	Mainland fjords	1989	16	2	349	54 33.199	130 18.10	65.00							
Fjords	Mainland fjords	1989	17	1	325	54 33.199	130 18.70	99.00							
Fjords	Mainland fjords	1989	17	2	313	54 33.199	130 10.70	99.00							
Fjords	Mainland fjords	1989	22	1	221	53 51.00	128 37.80	98.00							
Fjords	Mainland fjords	1989	22	2	216	53 51.00	128 37.80	97.00							
Fjords	Mainland fjords	1989	40	1	221	51 07.699	127 34.20	62.00							
Fjords	Mainland fjords	1989	41	1	219	51 07.80	127 27.799	98.00							
Fjords	Mainland fjords	1989	41	2	220	51 07.80	127 27.799	98.00							
Fjords	Mainland fjords	1989	44	1	348	51 06.60	127 02.899	91.00							
Fjords	Mainland fjords	1989	44	2	348	51 06.60	127 02.899	91.00							

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Fjords	Mainland fjords	1989	50	1	465	51 02.89	127 14.89	98.00							
Fjords	Mainland fjords	1989	50	2	482	51 02.89	127 14.89	95.00							
Fjords	Mainland fjords	1989	51	1	580	51 03.10	127 08.10	99.00							
Fjords	Mainland fjords	1989	51	2	574	51 03.10	127 08.10	99.00							
Fjords	Mainland fjords	1989	53	1	588	51 04.39	126 55.099	99.00							
Fjords	Mainland fjords	1989	53	2	580	51 04.39	126 55.099								
Fjords	Mainland fjords	1989	54	1	321	51 05.80	126 45.30	95.00							
Fjords	Mainland fjords	1989	54	2	328	51 05.80	126 45.30	90.00							
Fjords	Mainland fjords	1989	55	1	388	51 08.29	126 41.299	90.00							
Fjords	Mainland fjords	1989	55	2	386	51 08.29	126 41.299	90.00							
Fjords	Mainland fjords	1990	3B01	1	137	50 50.50	126 10.90	99.00							
Fjords	Mainland fjords	1990	3B01	2	134	50 50.50	126 10.90	99.00							
Fjords	Mainland fjords	1990	3BU1	1	660	50 24.30	125 05.20	98.00							
Fjords	Mainland fjords	1990	3BU1	2	660	50 24.30	125 05.20	99.00							
Fjords	Mainland fjords	1990	3BU2	1	650	50 29.70	125 03.70	99.00							
Fjords	Mainland fjords	1990	3BU2	2	650	50 29.70	125 03.70	99.00							
Fjords	Mainland fjords	1990	3BU3	1	645	50 34.099	124 54.499	95.00							
Fjords	Mainland fjords	1990	3BU3	2	649	50 34.099	124 54.499	71.00							
Fjords	Mainland fjords	1990	3BU5	A	470	50 45.402	124 54.60	96.00							
Fjords	Mainland fjords	1990	3BU5	B	470	50 45.402	124 54.60	91.00							
Fjords	Mainland fjords	1990	3BU6	1	340	50 50.00	124 52.99	100.00							
Fjords	Mainland fjords	1990	3BU6	2	340	50 50.00	124 52.99	100.00							
Fjords	Mainland fjords	1990	3JE1	1	678	49 51.30	123 54.10	97.00							
Fjords	Mainland fjords	1990	3JE1	2	650	49 51.30	123 54.10	64.00							
Fjords	Mainland fjords	1990	3JE2	1	660	49 54.60	123 56.40	97.00							
Fjords	Mainland fjords	1990	3JE2	2	660	49 54.60	123 56.40	97.00							
Fjords	Mainland fjords	1990	3JE3	1	560	50 00.60	123 56.40	94.00							
Fjords	Mainland fjords	1990	3JE3	2	560	50 00.60	123 56.40	95.00							
Fjords	Mainland fjords	1990	3JE4	1	537	50 03.70	123 48.70	97.00							
Fjords	Mainland fjords	1990	3JE4	2	537	50 03.70	123 48.70	97.00							
Fjords	Mainland fjords	1990	3JE5	1	366	50 07.69	123 49.30	98.00							
Fjords	Mainland fjords	1990	3JE6	1	329	50 10.099	123 54.30	98.00							
Fjords	Mainland fjords	1990	3JE6	2	329	50 10.099	123 54.30	97.00							
Fjords	Mainland fjords	1990	3KI1	1	480	50 55 .02	126 32.502	99.00							
Fjords	Mainland fjords	1990	3KI1	2	480	50 55 .02	126 32.502	98.00							
Fjords	Mainland fjords	1990	3KI2	1	394	50 55 .5	126 16.98	99.00							
Fjords	Mainland fjords	1990	3KI2	2	394	50 55 .5	126 16.98	99.00							
Fjords	Mainland fjords	1990	3KI3	1	266	50 55 .2	126 16.99	96.00							
Fjords	Mainland fjords	1990	3KI3	2	266	50 55 .2	126 16.99	89.00							
Fjords	Mainland fjords	1990	3KI4	1	325	51 00.30	126 31.30	96.00							
Fjords	Mainland fjords	1990	3KI4	2	316	51 00.30	126 31.30	97.00							
Fjords	Mainland fjords	1990	3KN2	1	331	50 41.70	125 47.20	99.00							
Fjords	Mainland fjords	1990	3KN2	2	331	50 41.70	125 47.20	99.00							
Fjords	Mainland fjords	1990	3KN3	1	530	50 45.700	125 39.60	99.00							
Fjords	Mainland fjords	1990	3KN3	2	530	50 45.700	125 39.60	99.00							
Fjords	Mainland fjords	1990	3KN4	1	514	50 51.199	125 39.79	71.00							
Fjords	Mainland fjords	1990	3KN4	2	514	50 51.199	125 39.79	71.00							
Fjords	Mainland fjords	1990	3KN5	1	369	50 57.40	125 32.10	36.00							
Fjords	Mainland fjords	1990	3KN5	2	372	50 57.40	125 32.10	83.00							
Fjords	Mainland fjords	1990	3KN6	1	190	51 02.50	125 34.00	99.00							
Fjords	Mainland fjords	1990	3KN6	2	190	51 02.50	125 34.00	99.00							
Fjords	Mainland fjords	1990	3LO1	1	202	50 31.2	125 33.60	99.00							
Fjords	Mainland fjords	1990	3LO1	2	194	50 31.2	125 33.60	99.00							
Fjords	Mainland fjords	1990	3LO2	1	290	50 33.40	125 32.59	99.00							

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Fjords	Mainland fjords	1990	3LO2	2	246	50 33.40	125 32.59	99.00							
Fjords	Mainland fjords	1990	3LO3	1	267	50 36.30	125 32.50	99.00							
Fjords	Mainland fjords	1990	3LO3	2	256	50 36.30	125 32.50	99.00							
Fjords	Mainland fjords	1990	3LO4	1	185	50 41.20	125 27.60	93.00							
Fjords	Mainland fjords	1990	3LO4	2	185	50 41.20	125 27.60	90.00							
Fjords	Mainland fjords	1990	3TH2	1	185	50 46.39	126 05.599	99.00							
Fjords	Mainland fjords	1990	3TH2	2	178	50 46.39	126 05.599	63.00							
Fjords	Mainland fjords	1990	3TO1	1	506	50 20.29	124 43.50	99.00							
Fjords	Mainland fjords	1990	3TO1	2	512	50 20.29	124 43.50	99.00							
Fjords	Mainland fjords	1990	3TO2	1	478	50 24.499	124 37.00	99.00							
Fjords	Mainland fjords	1990	3TO2	2	478	50 24.499	124 37.00	99.00							
Fjords	Mainland fjords	1990	3TO3	1	290	50 26.80	124 26.70	98.00							
Fjords	Mainland fjords	1990	3TO3	2	296	50 26.80	124 26.70	99.00							
Gorge Harbour	Gorge Harbour (Salt Spring Island)	2003	R1	1	15	50 58.74	125 06.00	81.22		961.00			3.45	2.77	
Gorge Harbour	Gorge Harbour (Salt Spring Island)	2003	R1	2	15	50 58.74	125 15.00	81.22		1370.00			3.45	1.68	
Gorge Harbour	Gorge Harbour (Salt Spring Island)	2003	R1	3	15	50 58.74	125 15.00	81.22		1490.00			3.45	4.09	
Gorge Harbour	Gorge Harbour (Salt Spring Island)	2003	R2	1	22	50 05.556	125 06.00	40.35		2300.00			2.62	3.95	
Gorge Harbour	Gorge Harbour (Salt Spring Island)	2003	R2	2	22	50 05.556	125 15.00	41.24		1275.00			2.62	3.15	
Gorge Harbour	Gorge Harbour (Salt Spring Island)	2003	R2	2	22	50 05.556	125 06.00	81.00		488.00		0.27	2.62	1.85	9.56
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B1	1	28	53 32.80	131 19.50	4.02							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B1	2	28	53 32.80	131 19.50	4.02							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B1	3	28	53 32.80	131 19.50	4.02							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B1	4	28	53 32.80	131 19.50	4.02							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B1	5	28	53 32.80	131 19.50	4.02							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B2	1	29	53 32.00	131 18.00	1.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B3	1	29	53 32.00	131 18.00	1.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B4	1	29	53 32.00	131 18.00	1.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B5	1	29	53 32.00	131 18.00	1.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B6	1	29	53 32.00	131 18.00	1.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B7	1	29	53 11.50	130 48.40	1.90							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B7	2	29	53 11.50	130 48.40	1.90							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B7	3	29	53 11.50	130 48.40	1.90							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B7	4	29	53 11.50	130 48.40	1.90							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	B7	5	29	53 11.50	130 48.40	1.90							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C1	1	128	53 12.70	130 50.20	12.04							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C1	2	128	53 12.70	130 50.20	12.04							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C1	3	128	53 12.70	130 50.20	12.04							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C1	4	128	53 12.70	130 50.20	12.04							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C1	5	128	53 12.70	130 50.20	12.04							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A1	1	130	54 19.30	131 20.00	28.44							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A1	2	130	54 19.30	131 20.00	28.44							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A1	3	130	54 19.30	131 20.00	28.44							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A1	4	130	54 19.30	131 20.00	28.44							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A1	5	130	54 19.30	131 20.00	28.44							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A2	1	140	54 18.20	131 27.80	37.86							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A3	1	140	54 18.20	131 27.80	37.86							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A4	1	140	54 18.20	131 27.80	37.86							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A5	1	140	54 18.20	131 27.80	37.86							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A6	1	140	54 18.20	131 27.80	37.86							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A7	1	140	53 32.50	131 17.20	22.06							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A7	2	140	53 32.50	131 17.20	22.06							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A7	3	140	53 32.50	131 17.20	22.06							

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A7	4	140	53 32.50	131 17.20	22.06							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	A7	5	140	53 32.50	131 17.20	22.06							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C2	1	140	53 11.40	130 45.60	19.00							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C3	1	140	53 11.40	130 45.60	19.00							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C4	1	140	53 11.40	130 45.60	19.00							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C5	1	140	53 11.40	130 45.60	19.00							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C6	1	140	53 11.40	130 45.60	19.00							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C7	1	148	54 18.60	131 24.60	25.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C7	2	148	54 18.60	131 24.60	25.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C7	3	148	54 18.60	131 24.60	25.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C7	4	148	54 18.60	131 24.60	25.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (1)	1984	C7	5	148	54 18.60	131 24.60	25.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B7	1	25	53 11.50	130 48.40	1.24							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B7	2	25	53 11.50	130 48.40	1.24							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B7	3	25	53 11.50	130 48.40	1.24							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B7	5	25	53 11.50	130 48.40	1.24							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B2	1	28	53 32.00	131 18.00	2.94							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B3	1	28	53 32.00	131 18.00	2.94							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B4	1	28	53 32.00	131 18.00	2.94							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B5	1	28	53 32.00	131 18.00	2.94							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B1	1	29	53 32.80	131 19.50	1.46							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B1	2	29	53 32.80	131 19.50	1.46							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B1	3	29	53 32.80	131 19.50	1.46							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B1	4	29	53 32.80	131 19.50	1.46							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	B1	5	29	53 32.80	131 19.50	1.46							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A1	1	130	54 19.30	131 20.00	15.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A1	2	130	54 19.30	131 20.00	15.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A1	3	130	54 19.30	131 20.00	15.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A1	4	130	54 19.30	131 20.00	15.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A1	5	130	54 19.30	131 20.00	15.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C1	1	135	53 12.70	130 50.20	11.72							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C1	2	135	53 12.70	130 50.20	11.72							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C1	3	135	53 12.70	130 50.20	11.72							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C1	4	135	53 12.70	130 50.20	11.72							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C1	5	135	53 12.70	130 50.20	11.72							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C2	1	140	53 11.40	130 45.60	17.64							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C3	1	140	53 11.40	130 45.60	17.64							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C4	1	140	53 11.40	130 45.60	17.64							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C5	1	140	53 11.40	130 45.60	17.64							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C6	1	140	53 11.40	130 45.60	17.64							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A2	1	145	54 18.20	131 27.80	27.40							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A3	1	145	54 18.20	131 27.80	27.40							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A4	1	145	54 18.20	131 27.80	27.40							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A5	1	145	54 18.20	131 27.80	27.40							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A6	1	145	54 18.20	131 27.80	27.40							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A7	1	146	53 32.50	131 17.20	17.72							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A7	2	146	53 32.50	131 17.20	17.72							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A7	3	146	53 32.50	131 17.20	17.72							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A7	4	146	53 32.50	131 17.20	17.72							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	A7	5	146	53 32.50	131 17.20	17.72							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C7	1	146	54 18.60	131 24.60	21.56							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C7	2	146	54 18.60	131 24.60	21.56							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C7	3	146	54 18.60	131 24.60	21.56							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C7	4	146	54 18.60	131 24.60	21.56							

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Hecate Strait	Hecate Strait/Queen Charlotte Sound (2)	1984	C7	5	146	54 18.60	131 24.60	21.56							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B2	1	27	53 32.00	131 18.00	1.44							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B3	1	27	53 32.00	131 18.00	1.44							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B4	1	27	53 32.00	131 18.00	1.44							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B5	1	27	53 32.00	131 18.00	1.44							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B6	1	27	53 32.00	131 18.00	1.44							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B7	1	27	53 11.50	130 48.40	9.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B7	2	27	53 11.50	130 48.40	9.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B7	3	27	53 11.50	130 48.40	9.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B7	4	27	53 11.50	130 48.40	9.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B7	5	27	53 11.50	130 48.40	9.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B1	1	36	53 32.80	131 19.50	1.78							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B1	2	36	53 32.80	131 19.50	1.78							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B1	3	36	53 32.80	131 19.50	1.78							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B1	4	36	53 32.80	131 19.50	1.78							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	B1	5	36	53 32.80	131 19.50	1.78							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D2	1	65	53 08.0	130 57.00	3.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D3	1	65	53 07.8	130 51.80	3.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D4	1	65	53 04.8	130 51.80	3.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D5	1	65	53 04.8	130 56.6	3.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D6	1	65	53 06.4	130 54.8	3.12							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D7	1	75	53 06.30	130 55.50	2.38							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D7	2	75	53 06.30	130 55.50	2.38							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D7	3	75	53 06.30	130 55.50	2.38							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D7	4	75	53 06.30	130 55.50	2.38							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D7	5	75	53 06.30	130 55.50	2.38							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D1	1	95	53 06.30	130 53.00	4.00							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D1	2	95	53 06.30	130 53.00	4.00							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D1	3	95	53 06.30	130 53.00	4.00							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D1	4	95	53 06.30	130 53.00	4.00							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	D1	5	95	53 06.30	130 53.00	4.00							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C1	1	130	53 12.70	130 50.20	11.02							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C1	2	130	53 12.70	130 50.20	11.02							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C1	3	130	53 12.70	130 50.20	11.02							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C1	4	130	53 12.70	130 50.20	11.02							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C1	5	130	53 12.70	130 50.20	11.02							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A1	1	139	54 19.30	131 20.00	19.10							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A1	2	139	54 19.30	131 20.00	19.10							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A1	3	139	54 19.30	131 20.00	19.10							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A1	4	139	54 19.30	131 20.00	19.10							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A1	5	139	54 19.30	131 20.00	19.10							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A7	1	142	53 32.50	131 17.20	14.08							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A7	2	142	53 32.50	131 17.20	14.08							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A7	3	142	53 32.50	131 17.20	14.08							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A7	4	142	53 32.50	131 17.20	14.08							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A7	5	142	53 32.50	131 17.20	14.08							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A2	1	145	54 18.20	131 27.80	34.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A3	1	145	54 18.20	131 27.80	34.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A4	1	145	54 18.20	131 27.80	34.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A5	1	145	54 18.20	131 27.80	34.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	A6	1	145	54 18.20	131 27.80	34.36							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C2	1	145	53 11.40	130 45.60	12.92							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C3	1	145	53 11.40	130 45.60	12.92							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C4	1	145	53 11.40	130 45.60	12.92							

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C5	1	145	53 11.40	130 45.60	12.92							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C6	1	145	53 11.40	130 45.60	12.92							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C7	1	148	54 18.60	131 24.60	28.32							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C7	2	148	54 18.60	131 24.60	28.32							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C7	3	148	54 18.60	131 24.60	28.32							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C7	4	148	54 18.60	131 24.60	28.32							
Hecate Strait	Hecate Strait/Queen Charlotte Sound (3)	1984	C7	5	148	54 18.60	131 24.60	28.32							
Manley Landing	Southeast Vancouver Island	2001	100s	1	10	48 43.381	123 22.260	99.90				0.02	0.40		20.00
Manley Landing	Southeast Vancouver Island	2001	1015N	1	10	48 43.381	123 22.260					0.02	0.40		20.00
Manley Landing	Southeast Vancouver Island	2001	1015S	1	10	48 43.381	123 22.260					0.02	0.40		20.00
Manley Landing	Southeast Vancouver Island	2001	1030N	1	10	48 43.381	123 22.260	99.56				0.02	0.40		20.00
Manley Landing	Southeast Vancouver Island	2001	1030S	1	10	48 43.381	123 22.260	99.88				0.02	0.40		20.00
Manley Landing	Southeast Vancouver Island	2001	180s	1	18	48 43.381	123 22.260	100.00				0.04	0.66		16.50
Manley Landing	Southeast Vancouver Island	2001	1815N	1	18	48 43.381	123 22.260					0.04	0.66		16.50
Manley Landing	Southeast Vancouver Island	2001	1830N	1	18	48 43.381	123 22.260	100.00				0.04	0.66		16.50
Manley Landing	Southeast Vancouver Island	2001	1830S	1	18	48 43.381	123 22.260	100.00				0.04	0.66		16.50
Manley Landing	Southeast Vancouver Island	2001	50s	1	5	48 43.381	123 22.260	99.81				0.02	0.30		15.00
Manley Landing	Southeast Vancouver Island	2001	515N	1	5	48 43.381	123 22.260					0.02	0.30		15.00
Manley Landing	Southeast Vancouver Island	2001	515S	1	5	48 43.381	123 22.260					0.02	0.30		15.00
Manley Landing	Southeast Vancouver Island	2001	530N	1	5	48 43.381	123 22.260	99.83				0.02	0.30		15.00
Manley Landing	Southeast Vancouver Island	2001	530S	1	5	48 43.381	123 22.260	99.49				0.02	0.30		15.00
Manley Landing	Southeast Vancouver Island	2001	250s	1	25	48 43.381	123 22.260	98.95				0.06	0.60		10.00
Manley Landing	Southeast Vancouver Island	2001	2515N	1	25	48 43.381	123 22.260					0.06	0.60		10.00
Manley Landing	Southeast Vancouver Island	2001	2515S	1	25	48 43.381	123 22.260					0.06	0.60		10.00
Manley Landing	Southeast Vancouver Island	2001	2530N	1	25	48 43.381	123 22.260	100.00				0.06	0.60		10.00
Manley Landing	Southeast Vancouver Island	2001	2530S	1	25	48 43.381	123 22.260	98.88				0.06	0.60		10.00
Ambient SoG	Main basin Strait of Georgia	2003	2	1	136	49 19.8	123 18.402	99.60	1.9			0.12	1.67	5.80	13.92
Ambient SoG	Main basin Strait of Georgia	2003	2	1	136	49 19.8	123 18.402	99.60	1.9			0.12	1.67	5.80	13.92
Ambient SoG	Main basin Strait of Georgia	2003	2	1	85	49 19.30	123 17.899	98.80	2.2			0.12	1.55	5.70	12.92
Ambient SoG	Main basin Strait of Georgia	2003	2	1	85	49 19.30	123 17.899	98.80	2.2			0.12	1.55	5.70	12.92
Ambient SoG	Main basin Strait of Georgia	2003	2	2	136	49 19.8	123 18.402	99.60	1.9			0.12	1.67	5.80	13.92
Ambient SoG	Main basin Strait of Georgia	2003	2	2	136	49 19.8	123 18.402	99.60	1.9			0.12	1.67	5.80	13.92
Ambient SoG	Main basin Strait of Georgia	2003	2	2	85	49 19.3	123 17.899	98.80	2.2			0.12	1.55	5.70	12.92
Ambient SoG	Main basin Strait of Georgia	2003	2	2	85	49 19.3	123 17.899	98.80	2.2			0.12	1.55	5.70	12.92
Ambient SoG	Main basin Strait of Georgia	2003	2	3	136	49 19.8	123 18.402	99.60	1.9			0.12	1.67	5.80	13.92
Ambient SoG	Main basin Strait of Georgia	2003	2	3	136	49 19.8	123 18.402	99.60	1.9			0.12	1.67	5.80	13.92
Ambient SoG	Main basin Strait of Georgia	2003	2	3	85	49 19.3	123 17.899	98.80	2.2			0.12	1.55	5.70	12.92
Ambient SoG	Main basin Strait of Georgia	2003	2	3	85	49 19.3	123 17.899	98.80	2.2			0.12	1.55	5.70	12.92
Ambient SoG	Main basin Strait of Georgia	2004	1	1	170	49 35.50	124 38.275	99.00	2			0.52	4.10		7.88
Ambient SoG	Main basin Strait of Georgia	2004	1	2	170	49 35.50	124 38.275	99.00	2			0.52	4.10		7.88
Ambient SoG	Main basin Strait of Georgia	2004	1	3	170	49 35.50	124 38.275	99.00	2			0.52	4.10		7.88
Ambient SoG	Main basin Strait of Georgia	2004	7	1	240	49 03.34	123 22.159	90.00				0.10	1.04		10.72
Ambient SoG	Main basin Strait of Georgia	2004	7	2	240	49 03.34	123 22.159	90.00				0.10	1.04		10.72
Ambient SoG	Main basin Strait of Georgia	2004	7	3	240	49 03.34	123 22.159	90.00				0.10	1.04		10.72
Ambient SoG	Main basin Strait of Georgia	2006	5	1	366	49 09.799	123 33	99.00	0.1			0.19	1.65		8.92
Ambient SoG	Main basin Strait of Georgia	2006	5	2	366	49 09.799	123 33	99.00	0.1			0.19	1.65		8.92
Ambient SoG	Main basin Strait of Georgia	2006	5	3	366	49 09.799	123 33	99.00	0.1			0.19	1.65		8.92
Ambient SoG	Main basin Strait of Georgia	2006	6	1	186	48 56.20	123 18.799	85.00	1.3			0.15	1.30		8.97
Ambient SoG	Main basin Strait of Georgia	2006	6	2	186	48 56.20	123 18.799	85.00	1.3			0.15	1.30		8.97
Ambient SoG	Main basin Strait of Georgia	2006	6	3	186	48 56.20	123 18.799	85.00	1.3			0.15	1.30		8.97
Ambient SoG	Main basin Strait of Georgia	2007	10	1	309	49 50.627	124 53.179	83.10				0.43	3.60	8.37	8.37
Ambient SoG	Main basin Strait of Georgia	2007	10	2	309	49 0.615	124 53.209	83.10				0.43	3.60	8.37	8.37

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Ambient SoG	Main basin Strait of Georgia	2007	10	3	309	49 50.627	124 53.178	83.10				0.43	3.60	8.37	8.37
Ambient SoG	Main basin Strait of Georgia	2007	9	1	365	49 27.441	124 3.148	84.80				0.23	2.19	8.11	9.44
Ambient SoG	Main basin Strait of Georgia	2007	9	2	365	49 27.441	124 3.148	84.80				0.23	2.19	8.11	9.44
Ambient SoG	Main basin Strait of Georgia	2007	9	3	365	49 27.441	124 3.148	84.80				0.23	2.19	8.11	9.44
Iona	Southeastern Strait of Georgia	2000	1	1	80	49 15.922	123 18.057	38.00					0.89	3.00	
Iona	Southeastern Strait of Georgia	2000	1	2	80	49 15.922	123 18.057	38.00					0.89	3.00	
Iona	Southeastern Strait of Georgia	2000	1	3	80	49 15.922	123 18.057	38.00					0.89	3.00	
Iona	Southeastern Strait of Georgia	2000	12	1	80	49 11.188	123 18.077	88.00					1.05	4.00	
Iona	Southeastern Strait of Georgia	2000	12	2	80	49 11.188	123 18.077	88.00					1.05	4.00	
Iona	Southeastern Strait of Georgia	2000	12	3	80	49 11.188	123 18.077	88.00					1.05	4.00	
Iona	Southeastern Strait of Georgia	2000	13	1	80	49 10.668	123 18.037	90.00					1.08	5.00	
Iona	Southeastern Strait of Georgia	2000	13	2	80	49 10.668	123 18.037	90.00					1.08	5.00	
Iona	Southeastern Strait of Georgia	2000	13	3	80	49 10.668	123 18.037	90.00					1.08	5.00	
Iona	Southeastern Strait of Georgia	2000	14	1	80	49 10.068	123 18.032	93.00					1.15	5.00	
Iona	Southeastern Strait of Georgia	2000	14	2	80	49 10.068	123 18.032	93.00					1.15	5.00	
Iona	Southeastern Strait of Georgia	2000	14	3	80	49 10.068	123 18.032	93.00					1.15	5.00	
Iona	Southeastern Strait of Georgia	2000	15	1	80	49 07.825	123 18.684	86.00					1.06	5.00	
Iona	Southeastern Strait of Georgia	2000	15	2	80	49 07.825	123 18.684	86.00					1.06	5.00	
Iona	Southeastern Strait of Georgia	2000	15	3	80	49 07.825	123 18.684	86.00					1.06	5.00	
Iona	Southeastern Strait of Georgia	2000	16	1	80	49 07.284	123 19.045	70.00					0.90	4.00	
Iona	Southeastern Strait of Georgia	2000	16	2	80	49 07.284	123 19.045	70.00					0.90	4.00	
Iona	Southeastern Strait of Georgia	2000	16	3	80	49 07.284	123 19.045	70.00					0.90	4.00	
Iona	Southeastern Strait of Georgia	2000	2	1	80	49 15.541	123 17.873	48.00					1.01	4.00	
Iona	Southeastern Strait of Georgia	2000	2	2	80	49 15.541	123 17.873	48.00					1.01	4.00	
Iona	Southeastern Strait of Georgia	2000	2	3	80	49 15.541	123 17.873	48.00					1.01	4.00	
Iona	Southeastern Strait of Georgia	2001	1	1	80	49 15.922	123 18.057	40.00				0.05	0.53	2.00	10.60
Iona	Southeastern Strait of Georgia	2001	1	2	80	49 15.922	123 18.057	40.00				0.05	0.53	2.00	10.60
Iona	Southeastern Strait of Georgia	2001	1	3	80	49 15.922	123 18.057	40.00				0.05	0.53	2.00	10.60
Iona	Southeastern Strait of Georgia	2001	12	1	80	49 11.188	123 18.077	90.00				0.08	1.30	4.00	16.25
Iona	Southeastern Strait of Georgia	2001	12	2	80	49 11.188	123 18.077	90.00				0.08	1.30	4.00	16.25
Iona	Southeastern Strait of Georgia	2001	12	3	80	49 11.188	123 18.077	90.00				0.08	1.30	4.00	16.25
Iona	Southeastern Strait of Georgia	2001	13	1	80	49 10.668	123 18.037	94.00				0.10	1.48	4.00	14.80
Iona	Southeastern Strait of Georgia	2001	13	2	80	49 10.668	123 18.037	94.00				0.10	1.48	4.00	14.80
Iona	Southeastern Strait of Georgia	2001	13	3	80	49 10.668	123 18.037	94.00				0.10	1.48	4.00	14.80
Iona	Southeastern Strait of Georgia	2001	14	1	80	49 10.068	123 18.032	79.00				0.09	1.77	3.00	19.67
Iona	Southeastern Strait of Georgia	2001	14	2	80	49 10.068	123 18.032	79.00				0.09	1.77	3.00	19.67
Iona	Southeastern Strait of Georgia	2001	14	3	80	49 10.068	123 18.032	79.00				0.09	1.77	3.00	19.67
Iona	Southeastern Strait of Georgia	2001	15	1	80	49 07.825	123 18.684	68.00				0.08	1.50	3.00	18.75
Iona	Southeastern Strait of Georgia	2001	15	2	80	49 07.825	123 18.684	68.00				0.08	1.50	3.00	18.75
Iona	Southeastern Strait of Georgia	2001	15	3	80	49 07.825	123 18.684	68.00				0.08	1.50	3.00	18.75
Iona	Southeastern Strait of Georgia	2001	16	1	80	49 07.284	123 19.045	83.00				0.07	1.12	4.00	16.00
Iona	Southeastern Strait of Georgia	2001	16	2	80	49 07.284	123 19.045	83.00				0.07	1.12	4.00	16.00
Iona	Southeastern Strait of Georgia	2001	16	3	80	49 07.284	123 19.045	83.00				0.07	1.12	4.00	16.00
Iona	Southeastern Strait of Georgia	2001	2	1	80	49 15.541	123 17.873	53.00				0.06	1.12	3.00	18.67
Iona	Southeastern Strait of Georgia	2001	2	2	80	49 15.541	123 17.873	53.00				0.06	1.12	3.00	18.67
Iona	Southeastern Strait of Georgia	2001	2	3	80	49 15.541	123 17.873	53.00				0.06	1.12	3.00	18.67
Iona	Southeastern Strait of Georgia	2002	1	1	80	49 15.922	123 18.057	36.00	0.23			0.05	0.61	3.00	12.20
Iona	Southeastern Strait of Georgia	2002	1	2	80	49 15.922	123 18.057	36.00	0.23			0.05	0.61	3.00	12.20
Iona	Southeastern Strait of Georgia	2002	1	3	80	49 15.922	123 18.057	36.00	0.23			0.05	0.61	3.00	12.20
Iona	Southeastern Strait of Georgia	2002	12	1	80	49 11.188	123 18.077	85.00	0.6			0.08	0.98	5.00	12.25
Iona	Southeastern Strait of Georgia	2002	12	2	80	49 11.188	123 18.077	85.00	0.6			0.08	0.98	5.00	12.25
Iona	Southeastern Strait of Georgia	2002	12	3	80	49 11.188	123 18.077	85.00	0.6			0.08	0.98	5.00	12.25
Iona	Southeastern Strait of Georgia	2002	13	1	80	49 10.668	123 18.037	91.00	1.53			0.10	0.66	3.10	6.60

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Iona	Southeastern Strait of Georgia	2002	13	2	80	49 10.668	123 18.037	91.00	1.53			0.10	0.66	3.40	6.60
Iona	Southeastern Strait of Georgia	2002	13	3	80	49 10.668	123 18.037	91.00	1.53			0.10	0.66	3.30	6.60
Iona	Southeastern Strait of Georgia	2002	14	1	80	49 10.068	123 18.032	94.00	1.27			0.09	1.12	4.50	12.44
Iona	Southeastern Strait of Georgia	2002	14	2	80	49 10.068	123 18.032	94.00	1.27			0.09	1.12	6.40	12.44
Iona	Southeastern Strait of Georgia	2002	14	3	80	49 10.068	123 18.032	94.00	1.27			0.09	1.12	4.50	12.44
Iona	Southeastern Strait of Georgia	2002	15	1	80	49 07.825	123 18.684	83.00	1.03			0.08	0.99	5.00	12.38
Iona	Southeastern Strait of Georgia	2002	15	2	80	49 07.825	123 18.684	83.00	1.03			0.08	0.99	5.00	12.38
Iona	Southeastern Strait of Georgia	2002	15	3	80	49 07.825	123 18.684	83.00	1.03			0.08	0.99	5.00	12.38
Iona	Southeastern Strait of Georgia	2002	16	1	80	49 07.284	123 19.045	72.00	0.37			0.07	0.96	3.40	13.71
Iona	Southeastern Strait of Georgia	2002	16	2	80	49 07.284	123 19.045	72.00	0.37			0.07	0.96	3.60	13.71
Iona	Southeastern Strait of Georgia	2002	16	3	80	49 07.284	123 19.045	72.00	0.37			0.07	0.96	3.50	13.71
Iona	Southeastern Strait of Georgia	2002	2	1	80	49 15.541	123 17.873	53.00	0.27			0.06	0.96	4.00	16.00
Iona	Southeastern Strait of Georgia	2002	2	2	80	49 15.541	123 17.873	53.00	0.27			0.06	0.96	4.00	16.00
Iona	Southeastern Strait of Georgia	2002	2	3	80	49 15.541	123 17.873	53.00	0.27			0.06	0.96	4.00	16.00
Iona	Southeastern Strait of Georgia	2003	1	1	80	49 15.922	123 18.057	35.00	0.23			0.05	0.48	2.20	9.60
Iona	Southeastern Strait of Georgia	2003	1	2	80	49 15.922	123 18.057	35.00	0.23			0.05	0.48	2.20	9.60
Iona	Southeastern Strait of Georgia	2003	1	3	80	49 15.922	123 18.057	35.00	0.23			0.05	0.48	2.20	9.60
Iona	Southeastern Strait of Georgia	2003	12	1	80	49 11.188	123 18.077	88.00	1.9			0.08	1.17	3.40	14.63
Iona	Southeastern Strait of Georgia	2003	12	2	80	49 11.188	123 18.077	88.00	1.9			0.08	1.17	3.40	14.63
Iona	Southeastern Strait of Georgia	2003	12	3	80	49 11.188	123 18.077	88.00	1.9			0.08	1.17	3.40	14.63
Iona	Southeastern Strait of Georgia	2003	13	1	80	49 10.668	123 18.037	93.00	1.53			0.10	1.21	3.70	12.10
Iona	Southeastern Strait of Georgia	2003	13	2	80	49 10.668	123 18.037	93.00	1.53			0.10	1.21	3.70	12.10
Iona	Southeastern Strait of Georgia	2003	13	3	80	49 10.668	123 18.037	93.00	1.53			0.10	1.21	3.70	12.10
Iona	Southeastern Strait of Georgia	2003	14	1	80	49 10.068	123 18.032	96.00	2.27			0.09	1.35	4.30	15.00
Iona	Southeastern Strait of Georgia	2003	14	2	80	49 10.068	123 18.032	96.00	2.27			0.09	1.35	4.30	15.00
Iona	Southeastern Strait of Georgia	2003	14	3	80	49 10.068	123 18.032	96.00	2.27			0.09	1.35	4.30	15.00
Iona	Southeastern Strait of Georgia	2003	15	1	80	49 07.825	123 18.684	83.00	0.33			0.08	1.03	3.70	12.88
Iona	Southeastern Strait of Georgia	2003	15	2	80	49 07.825	123 18.684	83.00	0.33			0.08	1.03	3.70	12.88
Iona	Southeastern Strait of Georgia	2003	15	3	80	49 07.825	123 18.684	83.00	0.33			0.08	1.03	3.70	12.88
Iona	Southeastern Strait of Georgia	2003	16	1	60	49 07.284	123 18.722	76.00	0.2			0.07	1.03	3.50	14.71
Iona	Southeastern Strait of Georgia	2003	16	1	80	49 07.284	123 19.045	71.00	0.2			0.07	1.01	3.30	14.43
Iona	Southeastern Strait of Georgia	2003	16	1	120	49 07.275	123 23.061	83.00	0.8			0.07	1.02	3.60	14.57
Iona	Southeastern Strait of Georgia	2003	16	1	100	49 07.275	123 19.491	72.00	2.2			0.07	0.98	3.50	14.00
Iona	Southeastern Strait of Georgia	2003	16	2	60	49 07.284	123 18.722	76.00	0.2			0.07	1.03	3.50	14.71
Iona	Southeastern Strait of Georgia	2003	16	2	80	49 07.284	123 19.045	71.00	0.2			0.07	1.01	3.30	14.43
Iona	Southeastern Strait of Georgia	2003	16	2	120	49 07.275	123 23.061	83.00	0.8			0.07	1.02	3.60	14.57
Iona	Southeastern Strait of Georgia	2003	16	2	100	49 07.275	123 19.491	72.00	2.2			0.07	0.98	3.50	14.00
Iona	Southeastern Strait of Georgia	2003	16	3	60	49 07.284	123 18.722	76.00	0.2			0.07	1.03	3.50	14.71
Iona	Southeastern Strait of Georgia	2003	16	3	80	49 07.284	123 19.045	71.00	0.2			0.07	1.01	3.30	14.43
Iona	Southeastern Strait of Georgia	2003	16	3	120	49 07.275	123 23.061	83.00	0.8			0.07	1.02	3.60	14.57
Iona	Southeastern Strait of Georgia	2003	16	3	100	49 07.275	123 19.491	72.00	2.2			0.07	0.98	3.50	14.00
Iona	Southeastern Strait of Georgia	2003	16-100	1	100	49 07.275	123 19.491	83.00	1.7			0.08	0.98	3.50	12.25
Iona	Southeastern Strait of Georgia	2003	16-100	2	100	49 07.275	123 19.491	83.00	1.7			0.08	0.98	3.50	12.25
Iona	Southeastern Strait of Georgia	2003	16-100	3	100	49 07.275	123 19.491	83.00	1.7			0.08	0.98	3.50	12.25
Iona	Southeastern Strait of Georgia	2003	16-120	1	120	49 07.275	123 20.061	83.00	2			0.07	1.02	3.60	14.57
Iona	Southeastern Strait of Georgia	2003	16-120	2	120	49 07.275	123 20.061	83.00	2			0.07	1.02	3.60	14.57
Iona	Southeastern Strait of Georgia	2003	16-120	3	120	49 07.275	123 20.061	83.00	2			0.07	1.02	3.60	14.57
Iona	Southeastern Strait of Georgia	2003	16-60	1	60	49 07.275	123 18.722	72.50	0.2			0.06	1.03	3.50	17.17
Iona	Southeastern Strait of Georgia	2003	16-60	2	60	49 07.275	123 18.722	72.50	0.2			0.06	1.03	3.50	17.17
Iona	Southeastern Strait of Georgia	2003	16-60	3	60	49 07.275	123 18.722	72.50	0.2			0.06	1.03	3.50	17.17
Iona	Southeastern Strait of Georgia	2003	2	1	80	49 15.541	123 17.873	47.00	0.2			0.06	0.73	2.80	12.17
Iona	Southeastern Strait of Georgia	2003	2	2	80	49 15.541	123 17.873	47.00	0.2			0.06	0.73	2.80	12.17
Iona	Southeastern Strait of Georgia	2003	2	3	80	49 15.541	123 17.873	47.00	0.2			0.06	0.73	2.80	12.17
Iona	Southeastern Strait of Georgia	2004	1	1	80	49 15.922	123 18.057	31.50	0.21			0.05	0.56	1.60	11.14

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Iona	Southeastern Strait of Georgia	2004	1	2	80	49 15.922	123 18.057	31.50	0.21			0.05	0.56	1.60	11.14
Iona	Southeastern Strait of Georgia	2004	1	3	80	49 15.922	123 18.057	31.50	0.21			0.05	0.56	1.60	11.14
Iona	Southeastern Strait of Georgia	2004	12	1	80	49 11.188	123 18.077	80.50	1.47			0.09	0.89	3.20	9.90
Iona	Southeastern Strait of Georgia	2004	12	2	80	49 11.188	123 18.077	80.50	1.47			0.09	0.89	3.20	9.90
Iona	Southeastern Strait of Georgia	2004	12	3	80	49 11.188	123 18.077	80.50	1.47			0.09	0.89	3.20	9.90
Iona	Southeastern Strait of Georgia	2004	13	1	80	49 10.668	123 18.037	90.20	1.93			0.08	1.08	3.60	13.50
Iona	Southeastern Strait of Georgia	2004	13	2	80	49 10.668	123 18.037	90.20	1.93			0.08	1.08	3.60	13.50
Iona	Southeastern Strait of Georgia	2004	13	3	80	49 10.668	123 18.037	90.20	1.93			0.08	1.08	3.60	13.50
Iona	Southeastern Strait of Georgia	2004	14	1	80	49 10.068	123 18.032	93.00	3.55			0.10	1.06	3.70	10.60
Iona	Southeastern Strait of Georgia	2004	14	2	80	49 10.068	123 18.032	93.00	3.55			0.10	1.06	3.70	10.60
Iona	Southeastern Strait of Georgia	2004	14	3	80	49 10.068	123 18.032	93.00	3.55			0.10	1.06	3.70	10.60
Iona	Southeastern Strait of Georgia	2004	15	1	80	49 07.825	123 18.684	79.00	1.48			0.08	1.04	3.40	13.00
Iona	Southeastern Strait of Georgia	2004	15	2	80	49 07.825	123 18.684	79.00	1.48			0.08	1.04	3.40	13.00
Iona	Southeastern Strait of Georgia	2004	15	3	80	49 07.825	123 18.684	79.00	1.48			0.08	1.04	3.40	13.00
Iona	Southeastern Strait of Georgia	2004	16	1	80	49 07.284	123 19.045	67.50	0.48			0.08	0.99	3.20	12.35
Iona	Southeastern Strait of Georgia	2004	16	2	80	49 07.284	123 19.045	67.50	0.48			0.08	0.99	3.20	12.35
Iona	Southeastern Strait of Georgia	2004	16	3	80	49 07.284	123 19.045	67.50	0.48			0.08	0.99	3.20	12.35
Iona	Southeastern Strait of Georgia	2004	2	3	80	49 15.541	123 17.873	50.60	0.02			0.07	0.85	2.80	12.19
Iona	Southeastern Strait of Georgia	2004	2	4	80	49 15.541	123 17.873	50.60	0.02			0.07	0.85	2.80	12.19
Iona	Southeastern Strait of Georgia	2004	2	5	80	49 15.541	123 17.873	50.60	0.02			0.07	0.85	2.80	12.19
Iona	Southeastern Strait of Georgia	2005	1	1	80	49 15.922	123 18.057	29.50	0.42			0.05	0.59	2.30	11.70
Iona	Southeastern Strait of Georgia	2005	1	2	80	49 15.922	123 18.057	29.50	0.42			0.05	0.59	2.30	11.70
Iona	Southeastern Strait of Georgia	2005	1	3	80	49 15.922	123 18.057	29.50	0.42			0.05	0.59	2.30	11.70
Iona	Southeastern Strait of Georgia	2005	12	1	80	49 11.188	123 18.077	78.00	4.54			0.08	1.41	3.80	17.63
Iona	Southeastern Strait of Georgia	2005	12	2	80	49 11.188	123 18.077	78.00	4.54			0.08	1.41	3.80	17.63
Iona	Southeastern Strait of Georgia	2005	12	3	80	49 11.188	123 18.077	78.00	4.54			0.08	1.41	3.80	17.63
Iona	Southeastern Strait of Georgia	2005	13	1	80	49 10.668	123 18.037	88.90	7.34			0.10	1.21	4.10	12.10
Iona	Southeastern Strait of Georgia	2005	13	2	80	49 10.668	123 18.037	88.90	7.34			0.10	1.21	4.10	12.10
Iona	Southeastern Strait of Georgia	2005	13	3	80	49 10.668	123 18.037	88.90	7.34			0.10	1.21	4.10	12.10
Iona	Southeastern Strait of Georgia	2005	14	1	80	49 10.068	123 18.032	92.60	3.74			0.09	1.29	5.00	14.33
Iona	Southeastern Strait of Georgia	2005	14	2	80	49 10.068	123 18.032	92.60	3.74			0.09	1.29	5.00	14.33
Iona	Southeastern Strait of Georgia	2005	14	3	80	49 10.068	123 18.032	92.60	3.74			0.09	1.29	5.00	14.33
Iona	Southeastern Strait of Georgia	2005	15	1	80	49 07.825	123 18.684	79.50	0.22			0.08	1.19	4.10	14.88
Iona	Southeastern Strait of Georgia	2005	15	2	80	49 07.825	123 18.684	79.50	0.22			0.08	1.19	4.10	14.88
Iona	Southeastern Strait of Georgia	2005	15	3	80	49 07.825	123 18.684	79.50	0.22			0.08	1.19	4.10	14.88
Iona	Southeastern Strait of Georgia	2005	16	1	80	49 07.284	123 19.045	73.80	0.22			0.07	1.10	3.70	15.71
Iona	Southeastern Strait of Georgia	2005	16	2	80	49 07.284	123 19.045	73.80	0.22			0.07	1.10	3.70	15.71
Iona	Southeastern Strait of Georgia	2005	16	3	80	49 07.284	123 19.045	73.80	0.22			0.07	1.10	3.70	15.71
Iona	Southeastern Strait of Georgia	2005	2	1	80	49 15.541	123 17.873	50.00	0.65			0.06	0.93	3.30	15.47
Iona	Southeastern Strait of Georgia	2005	2	2	80	49 15.541	123 17.873	50.00	0.65			0.06	0.93	3.30	15.47
Iona	Southeastern Strait of Georgia	2005	2	3	80	49 15.541	123 17.873	50.00	0.65			0.06	0.93	3.30	15.47
Iona	Southeastern Strait of Georgia	2006	1	1	80	49 15.922	123 18.057	29.70	0.26			0.04	0.53	1.90	13.25
Iona	Southeastern Strait of Georgia	2006	1	2	80	49 15.922	123 18.057	29.70	0.26			0.04	0.53	1.90	13.25
Iona	Southeastern Strait of Georgia	2006	1	3	80	49 15.922	123 18.057	29.70	0.26			0.04	0.53	1.90	13.25
Iona	Southeastern Strait of Georgia	2006	12	1	80	49 11.188	123 18.077	75.30	2.83			0.08	0.85	1.80	10.63
Iona	Southeastern Strait of Georgia	2006	12	2	80	49 11.188	123 18.077	75.30	2.83			0.08	0.85	1.80	10.63
Iona	Southeastern Strait of Georgia	2006	12	3	80	49 11.188	123 18.077	75.30	2.83			0.08	0.85	1.80	10.63
Iona	Southeastern Strait of Georgia	2006	13	1	80	49 10.668	123 18.037	87.30	1.84			0.09	1.00	3.30	11.11
Iona	Southeastern Strait of Georgia	2006	13	2	80	49 10.668	123 18.037	87.30	1.84			0.09	1.00	3.30	11.11
Iona	Southeastern Strait of Georgia	2006	13	3	80	49 10.668	123 18.037	87.30	1.84			0.09	1.00	3.30	11.11
Iona	Southeastern Strait of Georgia	2006	14	1	80	49 10.068	123 18.032	92.20	2.85			0.10	1.13	3.50	11.30
Iona	Southeastern Strait of Georgia	2006	14	2	80	49 10.068	123 18.032	92.20	2.85			0.10	1.13	3.50	11.30
Iona	Southeastern Strait of Georgia	2006	14	3	80	49 10.068	123 18.032	92.20	2.85			0.10	1.13	3.50	11.30
Iona	Southeastern Strait of Georgia	2006	15	1	80	49 07.825	123 18.684	80.10	0.41			0.08	1.01	2.60	12.63

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Iona	Southeastern Strait of Georgia	2006	15	2	80	49 07.825	123 18.684	80.10	0.41			0.08	1.01	2.60	12.63
Iona	Southeastern Strait of Georgia	2006	15	3	80	49 07.825	123 18.684	80.10	0.41			0.08	1.01	2.60	12.63
Iona	Southeastern Strait of Georgia	2006	16	1	80	49 07.284	123 19.045	71.50	0.27			0.08	1.00	3.00	12.50
Iona	Southeastern Strait of Georgia	2006	16	2	80	49 07.284	123 19.045	71.50	0.27			0.08	1.00	3.00	12.50
Iona	Southeastern Strait of Georgia	2006	16	3	80	49 07.284	123 19.045	71.50	0.27			0.08	1.00	3.00	12.50
Iona	Southeastern Strait of Georgia	2006	2	1	80	49 15.541	123 17.873	47.70	0.54			0.06	0.82	2.00	13.67
Iona	Southeastern Strait of Georgia	2006	2	2	80	49 15.541	123 17.873	47.70	0.54			0.06	0.82	2.00	13.67
Iona	Southeastern Strait of Georgia	2006	2	3	80	49 15.541	123 17.873	47.70	0.54			0.06	0.82	2.00	13.67
Iona	Southeastern Strait of Georgia	2007	1	1	80	49 15.922	123 18.057	24.90	2.22			0.05	0.60	2.20	12.00
Iona	Southeastern Strait of Georgia	2007	1	3	80	49 15.922	123 18.057	24.90	2.22			0.05	0.60	2.20	12.00
Iona	Southeastern Strait of Georgia	2007	1	4	80	49 15.922	123 18.057	24.90	2.22			0.05	0.60	2.20	12.00
Iona	Southeastern Strait of Georgia	2007	12	1	80	49 11.188	123 18.077	73.40	0.8			0.08	0.80	3.00	10.00
Iona	Southeastern Strait of Georgia	2007	12	2	80	49 11.188	123 18.077	73.40	0.8			0.08	0.80	3.00	10.00
Iona	Southeastern Strait of Georgia	2007	12	3	80	49 11.188	123 18.077	73.40	0.8			0.08	0.80	3.00	10.00
Iona	Southeastern Strait of Georgia	2007	13	1	80	49 10.668	123 18.037	89.30	1.54			0.09	1.00	3.60	11.11
Iona	Southeastern Strait of Georgia	2007	13	2	80	49 10.668	123 18.037	89.30	1.54			0.09	1.00	3.60	11.11
Iona	Southeastern Strait of Georgia	2007	13	3	80	49 10.668	123 18.037	89.30	1.54			0.09	1.00	3.60	11.11
Iona	Southeastern Strait of Georgia	2007	14	1	80	49 10.068	123 18.032	91.10	0.32			0.10	1.10	3.60	11.00
Iona	Southeastern Strait of Georgia	2007	14	2	80	49 10.068	123 18.032	91.10	0.32			0.10	1.10	3.60	11.00
Iona	Southeastern Strait of Georgia	2007	14	3	80	49 10.068	123 18.032	91.10	0.32			0.10	1.10	3.60	11.00
Iona	Southeastern Strait of Georgia	2007	15	1	80	49 07.825	123 18.684	78.40	0.26			0.08	1.10	4.30	13.75
Iona	Southeastern Strait of Georgia	2007	15	2	80	49 07.825	123 18.684	78.40	0.26			0.08	1.10	4.30	13.75
Iona	Southeastern Strait of Georgia	2007	15	3	80	49 07.825	123 18.684	78.40	0.26			0.08	1.10	4.30	13.75
Iona	Southeastern Strait of Georgia	2007	15-120	1	120	49 07.825	123 18.684	97.10	2.11			0.14	1.50	6.10	10.71
Iona	Southeastern Strait of Georgia	2007	15-60	1	60	49 07.825	123 18.684	45.20	0.47			0.07	0.60	3.10	8.57
Iona	Southeastern Strait of Georgia	2007	16	1	80	49 07.284	123 19.045	70.50	0.24			0.07	1.10	4.30	15.71
Iona	Southeastern Strait of Georgia	2007	16	2	80	49 07.284	123 19.045	70.50	0.24			0.07	1.10	4.30	15.71
Iona	Southeastern Strait of Georgia	2007	16	3	80	49 07.284	123 19.045	70.50	0.24			0.07	1.10	4.30	15.71
Iona	Southeastern Strait of Georgia	2007	2	1	80	49 15.541	123 17.873	48.80	0.5			0.07	0.70	3.30	10.00
Iona	Southeastern Strait of Georgia	2007	2	2	80	49 15.541	123 17.873	48.80	0.5			0.07	0.70	3.30	10.00
Iona	Southeastern Strait of Georgia	2007	2	3	80	49 15.541	123 17.873	48.80	0.5			0.07	0.70	3.30	10.00
Iona	Southeastern Strait of Georgia	2007	2-120	1	120	49 15.541	123 17.873	77.90	0.48			0.09	1.10	4.00	12.22
Iona	Southeastern Strait of Georgia	2007	2-60	1	60	49 15.541	123 17.873	84.60	0.27			0.09	1.10	4.20	12.22
Iona	Southeastern Strait of Georgia	2008	12	1	80	49 11.188	123 18.077	78.30	0.31			0.07	0.90	3.50	12.86
Iona	Southeastern Strait of Georgia	2008	12	2	80	49 11.188	123 18.077	78.30	0.31			0.07	0.90	3.50	12.86
Iona	Southeastern Strait of Georgia	2008	12	3	80	49 11.188	123 18.077	78.30	0.31			0.07	0.90	3.50	12.86
Iona	Southeastern Strait of Georgia	2008	15	1	80	49 07.825	123 18.684	76.20	0.64			0.08	0.90	3.50	11.25
Iona	Southeastern Strait of Georgia	2008	15	2	80	49 07.825	123 18.684	76.20	0.64			0.08	0.90	3.50	11.25
Iona	Southeastern Strait of Georgia	2008	15	3	80	49 07.825	123 18.684	76.20	0.64			0.08	0.90	3.50	11.25
Iona	Southeastern Strait of Georgia	2008	16	1	80	49 07.284	123 19.045	69.00	0.2			0.08	0.90	3.30	11.25
Iona	Southeastern Strait of Georgia	2008	16	2	80	49 07.284	123 19.045	69.00	0.2			0.08	0.90	3.30	11.25
Iona	Southeastern Strait of Georgia	2008	16	3	80	49 07.284	123 19.045	69.00	0.2			0.08	0.90	3.30	11.25
Iona	Southeastern Strait of Georgia	2008	2	1	80	49 15.541	123 17.873	50.80	0.26			0.06	0.80	2.90	13.33
Iona	Southeastern Strait of Georgia	2008	2	2	80	49 15.541	123 17.873	50.80	0.26			0.06	0.80	2.90	13.33
Iona	Southeastern Strait of Georgia	2008	2	3	80	49 15.541	123 17.873	50.80	0.26			0.06	0.80	2.90	13.33
Lions Gate	Outer Burrard Inlet	2002	10	1	43	49 19.19	123 11.78	80.80	0.6			0.10	1.74	5.30	17.40
Lions Gate	Outer Burrard Inlet	2002	10	2	43	49 19.19	123 11.78	80.80	0.6			0.10	1.74	5.30	17.40
Lions Gate	Outer Burrard Inlet	2002	10	3	43	49 19.19	123 11.78	80.80	0.6			0.10	1.74	5.30	17.40
Lions Gate	Outer Burrard Inlet	2002	11	1	47	49 19.14	123 11.08	80.70	1			0.09	1.80	5.60	20.00
Lions Gate	Outer Burrard Inlet	2002	11	2	47	49 19.14	123 11.08	80.70	1			0.09	1.80	5.60	20.00
Lions Gate	Outer Burrard Inlet	2002	11	3	47	49 19.14	123 11.08	80.70	1			0.09	1.80	5.60	20.00
Lions Gate	Outer Burrard Inlet	2002	12	1	58	49 19.79	123 13.696	97.30	1.7			0.08	1.77	6.30	22.13
Lions Gate	Outer Burrard Inlet	2002	12	2	58	49 19.79	123 13.696	97.30	1.7			0.08	1.77	6.30	22.13

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Lions Gate	Outer Burrard Inlet	2002	12	3	58	49 19.79	123 13.696	97.30	1.7			0.08	1.77	6.30	22.13
Lions Gate	Outer Burrard Inlet	2002	13	1	65	49 19.249	123 13.58	97.30	0.7			0.10	1.48	5.70	14.80
Lions Gate	Outer Burrard Inlet	2002	13	2	65	49 19.249	123 13.58	97.30	0.7			0.10	1.48	5.70	14.80
Lions Gate	Outer Burrard Inlet	2002	13	3	65	49 19.249	123 13.58	97.30	0.7			0.10	1.48	5.70	14.80
Lions Gate	Outer Burrard Inlet	2002	2	1	75	49 19.592	123 14.482	98.70	1.9			0.07	1.49	5.97	21.29
Lions Gate	Outer Burrard Inlet	2002	2	2	75	49 19.592	123 14.482	98.70	1.9			0.07	1.49	5.97	21.29
Lions Gate	Outer Burrard Inlet	2002	2	3	75	49 19.592	123 14.482	98.70	1.9			0.07	1.49	5.97	21.29
Lions Gate	Outer Burrard Inlet	2002	3	1	84	49 18.751	123 15.014	97.90	3.4			0.10	1.13	5.30	11.30
Lions Gate	Outer Burrard Inlet	2002	3	2	84	49 18.751	123 15.014	97.90	3.4			0.10	1.13	5.30	11.30
Lions Gate	Outer Burrard Inlet	2002	3	3	84	49 18.751	123 15.014	97.90	3.4			0.10	1.13	5.30	11.30
Lions Gate	Outer Burrard Inlet	2002	4	1	34	49 18.45	123 12.59	90.50	0.2			0.11	1.43	4.40	13.00
Lions Gate	Outer Burrard Inlet	2002	4	2	34	49 18.45	123 12.59	90.50	0.2			0.11	1.43	4.40	13.00
Lions Gate	Outer Burrard Inlet	2002	4	3	34	49 18.45	123 12.59	90.50	0.2			0.11	1.43	4.40	13.00
Lions Gate	Outer Burrard Inlet	2002	5	1	54	49 18.22	123 13.86	94.20	0.4			0.12	1.00	4.20	8.33
Lions Gate	Outer Burrard Inlet	2002	5	2	54	49 18.2202	123 13.86	94.20	0.4			0.12	1.00	4.20	8.33
Lions Gate	Outer Burrard Inlet	2002	5	3	54	49 18.2202	123 13.86	94.20	0.4			0.12	1.00	4.20	8.33
Lions Gate	Outer Burrard Inlet	2003	10	1	43	49 19.190	123 11.78	81.90	0.7			0.10	1.53		15.30
Lions Gate	Outer Burrard Inlet	2003	10	2	43	49 19.190	123 11.78	81.90	2.4			0.10	1.53		15.30
Lions Gate	Outer Burrard Inlet	2003	10	3	43	49 19.190	123 11.78	81.90	0.5			0.10	1.53		15.30
Lions Gate	Outer Burrard Inlet	2003	11	1	47	49 19.14	123 11.08	76.80	0.4			0.09	1.62		18.00
Lions Gate	Outer Burrard Inlet	2003	11	2	47	49 19.14	123 11.08	76.80	0.5			0.09	1.62		18.00
Lions Gate	Outer Burrard Inlet	2003	11	3	47	49 19.14	123 11.08	76.80	5.4			0.09	1.62		18.00
Lions Gate	Outer Burrard Inlet	2003	12	1	58	49 19.791	123 13.696	96.30	3			0.08	1.74		21.75
Lions Gate	Outer Burrard Inlet	2003	12	2	58	49 19.791	123 13.696	96.30	8.8			0.08	1.74		21.75
Lions Gate	Outer Burrard Inlet	2003	12	3	58	49 19.791	123 13.696	96.30	0.4			0.08	1.74		21.75
Lions Gate	Outer Burrard Inlet	2003	13	1	65	49 19.249	123 13.58	97.20	2.6			0.09	1.44		16.00
Lions Gate	Outer Burrard Inlet	2003	13	2	65	49 19.249	123 13.58	97.20	0.6			0.09	1.44		16.00
Lions Gate	Outer Burrard Inlet	2003	13	3	65	49 19.249	123 13.58	97.20	0.6			0.09	1.44		16.00
Lions Gate	Outer Burrard Inlet	2003	2	1	75	49 19.592	123 14.482	98.20	0.2			0.07	1.70		24.29
Lions Gate	Outer Burrard Inlet	2003	2	2	75	49 19.592	123 14.482	98.20	5.5			0.07	1.70		24.29
Lions Gate	Outer Burrard Inlet	2003	2	3	75	49 19.592	123 14.482	98.20	4.8			0.07	1.70		24.29
Lions Gate	Outer Burrard Inlet	2003	3	1	84	49 18.751	123 15.014	98.20	0.3			0.10	1.34		13.40
Lions Gate	Outer Burrard Inlet	2003	3	2	84	49 18.751	123 15.014	98.20	0.2			0.10	1.34		13.40
Lions Gate	Outer Burrard Inlet	2003	3	3	84	49 18.751	123 15.014	98.20	1.2			0.10	1.34		13.40
Lions Gate	Outer Burrard Inlet	2003	4	1	34	49 18.45	123 12.59	94.60	0.2			0.12	1.18		9.83
Lions Gate	Outer Burrard Inlet	2003	4	2	34	49 18.45	123 12.59	94.60	3.3			0.12	1.18		9.83
Lions Gate	Outer Burrard Inlet	2003	4	3	34	49 18.45	123 12.59	94.60	0.2			0.12	1.18		9.83
Lions Gate	Outer Burrard Inlet	2003	5	1	54	49 18.22	123 13.86	94.30	2.1			0.12	1.15		9.58
Lions Gate	Outer Burrard Inlet	2003	5	2	54	49 18.22	123 13.86	94.30	0.5			0.12	1.15		9.58
Lions Gate	Outer Burrard Inlet	2003	5	3	54	49 18.22	123 13.86	94.30	1.3			0.12	1.15		9.58
Lions Gate	Outer Burrard Inlet	2004	10	1	43	49 19.190	123 11.78	82.10	0.89			0.09	1.74	4.90	19.33
Lions Gate	Outer Burrard Inlet	2004	10	2	43	49 19.190	123 11.78	82.10	0.89			0.09	1.74	4.90	19.33
Lions Gate	Outer Burrard Inlet	2004	10	3	43	49 19.190	123 11.78	82.10	0.89			0.09	1.74	4.90	19.33
Lions Gate	Outer Burrard Inlet	2004	11	1	47	49 19.14	123 11.08	81.20	1.07			0.08	1.51	1.70	18.88
Lions Gate	Outer Burrard Inlet	2004	11	2	47	49 19.14	123 11.08	81.20	1.07			0.08	1.51	1.70	18.88
Lions Gate	Outer Burrard Inlet	2004	11	3	47	49 19.14	123 11.08	81.20	1.07			0.08	1.51	1.70	18.88
Lions Gate	Outer Burrard Inlet	2004	12	1	58	49 19.791	123 13.696	96.10	1.11			0.08	1.84	5.00	23.00
Lions Gate	Outer Burrard Inlet	2004	12	2	58	49 19.791	123 13.696	96.10	1.11			0.08	1.84	5.00	23.00
Lions Gate	Outer Burrard Inlet	2004	12	3	58	49 19.791	123 13.696	96.10	1.11			0.08	1.84	5.00	23.00
Lions Gate	Outer Burrard Inlet	2004	13	1	65	49 19.249	123 13.58	97.20	0.89			0.11	1.55	4.50	14.09
Lions Gate	Outer Burrard Inlet	2004	13	2	65	49 19.249	123 13.58	97.20	0.89			0.11	1.55	4.50	14.09
Lions Gate	Outer Burrard Inlet	2004	13	3	65	49 19.249	123 13.58	97.20	0.89			0.11	1.55	4.50	14.09
Lions Gate	Outer Burrard Inlet	2004	2	1	75	49 19.592	123 14.482	98.60	1.63			0.07	1.68	5.80	24.00
Lions Gate	Outer Burrard Inlet	2004	2	2	75	49 19.592	123 14.482	98.60	1.63			0.07	1.68	5.80	24.00

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Lions Gate	Outer Burrard Inlet	2004	2	3	75	49 19.592	123 14.482	98.60	1.63			0.07	1.68	5.80	24.00
Lions Gate	Outer Burrard Inlet	2004	3	1	84	49 18.751	123 15.014	98.30	3.33			0.09	1.33	5.00	14.78
Lions Gate	Outer Burrard Inlet	2004	3	2	84	49 18.751	123 15.014	98.30	3.33			0.09	1.33	5.00	14.78
Lions Gate	Outer Burrard Inlet	2004	3	3	84	49 18.751	123 15.014	98.30	3.33			0.09	1.33	5.00	14.78
Lions Gate	Outer Burrard Inlet	2004	4	1	34	49 18.45	123 12.59	95.00	0.27			0.11	1.22	4.00	11.09
Lions Gate	Outer Burrard Inlet	2004	4	2	34	49 18.45	123 12.59	95.00	0.27			0.11	1.22	4.00	11.09
Lions Gate	Outer Burrard Inlet	2004	4	3	34	49 18.45	123 12.59	95.00	0.27			0.11	1.22	4.00	11.09
Lions Gate	Outer Burrard Inlet	2004	5	1	54	49 18.22	123 13.86	93.90	0.51			0.13	1.21	3.80	9.31
Lions Gate	Outer Burrard Inlet	2004	5	2	54	49 18.22	123 13.86	93.90	0.51			0.13	1.21	3.80	9.31
Lions Gate	Outer Burrard Inlet	2004	5	3	54	49 18.22	123 13.86	93.90	0.51			0.13	1.21	3.80	9.31
Lions Gate	Outer Burrard Inlet	2005	10	1	43	49 19.19	123 11.78	81.30	0.92			0.10	1.53	4.90	15.30
Lions Gate	Outer Burrard Inlet	2005	10	2	43	49 19.19	123 11.78	81.30	0.92			0.10	1.53	4.90	15.30
Lions Gate	Outer Burrard Inlet	2005	10	3	43	49 19.19	123 11.78	81.30	0.92			0.10	1.53	4.90	15.30
Lions Gate	Outer Burrard Inlet	2005	11	1	47	49 19.14	123 11.08	80.50	0.94			0.11	1.73	4.80	15.73
Lions Gate	Outer Burrard Inlet	2005	11	2	47	49 19.14	123 11.08	80.50	0.94			0.11	1.73	4.80	15.73
Lions Gate	Outer Burrard Inlet	2005	11	3	47	49 19.14	123 11.08	80.50	0.94			0.11	1.73	4.80	15.73
Lions Gate	Outer Burrard Inlet	2005	12	1	58	49 19.791	123 13.696	94.70	1.67			0.13	1.77	5.20	13.62
Lions Gate	Outer Burrard Inlet	2005	12	2	58	49 19.791	123 13.696	94.70	1.67			0.13	1.77	5.20	13.62
Lions Gate	Outer Burrard Inlet	2005	12	3	58	49 19.791	123 13.696	94.70	1.67			0.13	1.77	5.20	13.62
Lions Gate	Outer Burrard Inlet	2005	13	1	65	49 19.249	123 13.58	97.30	0.76			0.11	1.47	4.20	13.36
Lions Gate	Outer Burrard Inlet	2005	13	2	65	49 19.249	123 13.58	97.30	0.76			0.11	1.47	4.20	13.36
Lions Gate	Outer Burrard Inlet	2005	13	3	65	49 19.249	123 13.58	97.30	0.76			0.11	1.47	4.20	13.36
Lions Gate	Outer Burrard Inlet	2005	2	1	75	49 19.592	123 14.482	98.20	1.26			0.12	1.59	4.90	13.25
Lions Gate	Outer Burrard Inlet	2005	2	2	75	49 19.592	123 14.482	98.20	1.26			0.12	1.59	4.90	13.25
Lions Gate	Outer Burrard Inlet	2005	2	3	75	49 19.592	123 14.482	98.20	1.26			0.12	1.59	4.90	13.25
Lions Gate	Outer Burrard Inlet	2005	21	1	21	49 20.196	123 12.604	74.70	1.35			0.15	2.36	5.80	15.73
Lions Gate	Outer Burrard Inlet	2005	21	2	21	49 20.196	123 12.604	74.70	1.35			0.15	2.36	5.80	15.73
Lions Gate	Outer Burrard Inlet	2005	21	4	21	49 20.196	123 12.604	74.70	1.35			0.15	2.36	5.80	15.73
Lions Gate	Outer Burrard Inlet	2005	3	1	84	49 18.751	123 15.014	96.00	1.1933			0.11	1.34	4.80	12.18
Lions Gate	Outer Burrard Inlet	2005	3	2	84	49 18.751	123 15.014	96.00	1.1933			0.11	1.34	4.80	12.18
Lions Gate	Outer Burrard Inlet	2005	3	3	84	49 18.751	123 15.014	96.00	1.1933			0.11	1.34	4.80	12.18
Lions Gate	Outer Burrard Inlet	2005	4	1	34	49 18.45	123 12.59	91.90	0.4			0.09	1.24	3.60	13.78
Lions Gate	Outer Burrard Inlet	2005	4	2	34	49 18.45	123 12.59	91.90	0.4			0.09	1.24	3.60	13.78
Lions Gate	Outer Burrard Inlet	2005	4	3	34	49 18.45	123 12.59	91.90	0.4			0.09	1.24	3.60	13.78
Lions Gate	Outer Burrard Inlet	2005	5	1	54	49 18.22	123 13.86	91.60	1.81			0.09	1.27	4.10	14.11
Lions Gate	Outer Burrard Inlet	2005	5	2	54	49 18.22	123 13.86	91.60	1.81			0.09	1.27	4.10	14.11
Lions Gate	Outer Burrard Inlet	2005	5	3	54	49 18.22	123 13.86	91.60	1.81			0.09	1.27	4.10	14.11
Lions Gate	Outer Burrard Inlet	2006	10	1	43	49 19.19	123 11.78	82.50	1.52			0.20	1.46	4.70	7.30
Lions Gate	Outer Burrard Inlet	2006	10	2	43	49 19.19	123 11.78	82.50	1.52			0.20	1.46	4.70	7.30
Lions Gate	Outer Burrard Inlet	2006	10	3	43	49 19.19	123 11.78	82.50	1.52			0.20	1.46	4.70	7.30
Lions Gate	Outer Burrard Inlet	2006	11	1	47	49 19.14	123 11.08	80.90	0.87			0.20	1.50	4.60	7.50
Lions Gate	Outer Burrard Inlet	2006	11	2	47	49 19.14	123 11.08	80.90	0.87			0.20	1.50	4.60	7.50
Lions Gate	Outer Burrard Inlet	2006	11	3	47	49 19.14	123 11.08	80.90	0.87			0.20	1.50	4.60	7.50
Lions Gate	Outer Burrard Inlet	2006	12	1	58	49 19.791	123 13.696	94.30	3.73			0.20	1.60	5.10	8.00
Lions Gate	Outer Burrard Inlet	2006	12	2	58	49 19.791	123 13.696	94.30	3.73			0.20	1.60	5.10	8.00
Lions Gate	Outer Burrard Inlet	2006	12	3	58	49 19.791	123 13.696	94.30	3.73			0.20	1.60	5.10	8.00
Lions Gate	Outer Burrard Inlet	2006	13	1	65	49 19.249	123 13.58	96.50	1.47			0.20	1.35	3.70	6.75
Lions Gate	Outer Burrard Inlet	2006	13	2	65	49 19.249	123 13.58	96.50	1.47			0.20	1.35	3.70	6.75
Lions Gate	Outer Burrard Inlet	2006	13	3	65	49 19.249	123 13.58	96.50	1.47			0.20	1.35	3.70	6.75
Lions Gate	Outer Burrard Inlet	2006	16	1	62	49 17.826	123 15.991	89.00	0.31			0.08	1.08	6.70	13.50
Lions Gate	Outer Burrard Inlet	2006	16	2	62	49 17.826	123 15.991	89.00	0.31			0.08	1.08	6.70	13.50
Lions Gate	Outer Burrard Inlet	2006	16	3	62	49 17.826	123 15.991	89.00	0.31			0.08	1.08	6.70	13.50
Lions Gate	Outer Burrard Inlet	2006	18	1	84	49 17.791	123 18.05	89.20	2.91			0.21	1.18	3.90	5.73
Lions Gate	Outer Burrard Inlet	2006	18	2	84	49 17.791	123 18.05	89.20	2.91			0.21	1.18	3.90	5.73

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Lions Gate	Outer Burrard Inlet	2006	18	3	84	49 17.791	123 18.05	89.20	2.91			0.21	1.18	3.90	5.73
Lions Gate	Outer Burrard Inlet	2006	2	1	75	49 19.592	123 14.482	97.90	1.15			0.20	1.46	4.50	7.30
Lions Gate	Outer Burrard Inlet	2006	2	2	75	49 19.592	123 14.482	97.90	1.15			0.20	1.46	4.50	7.30
Lions Gate	Outer Burrard Inlet	2006	2	3	75	49 19.592	123 14.482	97.90	1.15			0.20	1.46	4.50	7.30
Lions Gate	Outer Burrard Inlet	2006	3	1	84	49 18.751	123 15.014	97.10	1.24			0.20	1.27	4.00	6.35
Lions Gate	Outer Burrard Inlet	2006	3	2	84	49 18.751	123 15.014	97.10	1.24			0.20	1.27	4.00	6.35
Lions Gate	Outer Burrard Inlet	2006	3	3	84	49 18.751	123 15.014	97.10	1.24			0.20	1.27	4.00	6.35
Lions Gate	Outer Burrard Inlet	2006	4	1	34	49 18.45	123 12.59	94.20	0.77			0.09	1.21	3.70	13.44
Lions Gate	Outer Burrard Inlet	2006	4	2	34	49 18.45	123 12.59	94.20	0.77			0.09	1.21	3.70	13.44
Lions Gate	Outer Burrard Inlet	2006	4	3	34	49 18.45	123 12.59	94.20	0.77			0.09	1.21	3.70	13.44
Lions Gate	Outer Burrard Inlet	2006	5	1	54	49 18.22	123 13.86	94.20	0.39			0.09	1.08	3.10	12.00
Lions Gate	Outer Burrard Inlet	2006	5	2	54	49 18.22	123 13.86	94.20	0.39			0.09	1.08	3.10	12.00
Lions Gate	Outer Burrard Inlet	2006	5	3	54	49 18.22	123 13.86	94.20	0.39			0.09	1.08	3.10	12.00
Lions Gate	Outer Burrard Inlet	2007	10	1	46.1	49 19.19	123 11.78	88.70	0.94			0.10	1.20	4.50	12.00
Lions Gate	Outer Burrard Inlet	2007	10	2	46.1	49 19.19	123 11.78	88.70	0.94			0.10	1.20	4.50	12.00
Lions Gate	Outer Burrard Inlet	2007	10	3	46.1	49 19.19	123 11.78	88.70	0.94			0.10	1.20	4.50	12.00
Lions Gate	Outer Burrard Inlet	2007	11	1	44.3	49 19.14	123 11.08	81.10	1.67			0.12	1.50	5.10	12.50
Lions Gate	Outer Burrard Inlet	2007	11	2	44.3	49 19.14	123 11.08	81.10	1.67			0.12	1.50	5.10	12.50
Lions Gate	Outer Burrard Inlet	2007	11	3	44.3	49 19.14	123 11.08	81.10	1.67			0.12	1.50	5.10	12.50
Lions Gate	Outer Burrard Inlet	2007	12	1	55.3	49 19.791	123 13.696	85.30	0.49			0.13	1.40	5.60	10.77
Lions Gate	Outer Burrard Inlet	2007	12	2	55.3	49 19.791	123 13.696	85.30	0.49			0.13	1.40	5.60	10.77
Lions Gate	Outer Burrard Inlet	2007	12	3	55.3	49 19.791	123 13.696	85.30	0.49			0.13	1.40	5.60	10.77
Lions Gate	Outer Burrard Inlet	2007	13	1	60.1	49 19.249	123 13.58	94.80	0.95			0.12	1.80	5.80	15.00
Lions Gate	Outer Burrard Inlet	2007	13	2	60.1	49 19.249	123 13.58	94.80	0.95			0.12	1.80	5.80	15.00
Lions Gate	Outer Burrard Inlet	2007	13	3	60.1	49 19.249	123 13.58	94.80	0.95			0.12	1.80	5.80	15.00
Lions Gate	Outer Burrard Inlet	2007	16	1	59.4	49 17.826	123 15.991	96.80	0.26			0.08	1.20	4.60	15.00
Lions Gate	Outer Burrard Inlet	2007	16	2	59.4	49 17.826	123 15.991	96.80	0.26			0.08	1.20	4.60	15.00
Lions Gate	Outer Burrard Inlet	2007	16	3	59.4	49 17.826	123 15.991	96.80	0.26			0.08	1.20	4.60	15.00
Lions Gate	Outer Burrard Inlet	2007	18	1	81.3	49 17.791	123 18.05	89.20	0.4			0.23	1.00	3.60	4.29
Lions Gate	Outer Burrard Inlet	2007	18	2	81.3	49 17.791	123 18.05	89.20	0.4			0.23	1.00	3.60	4.29
Lions Gate	Outer Burrard Inlet	2007	18	3	81.3	49 17.791	123 18.05	89.20	0.4			0.23	1.00	3.60	4.29
Lions Gate	Outer Burrard Inlet	2007	2	1	73.7	49 19.592	123 14.482	98.20	0.73			0.14	1.40	5.50	10.00
Lions Gate	Outer Burrard Inlet	2007	2	2	73.7	49 19.592	123 14.482	98.20	0.73			0.14	1.40	5.50	10.00
Lions Gate	Outer Burrard Inlet	2007	2	3	73.7	49 19.592	123 14.482	98.20	0.73			0.14	1.40	5.50	10.00
Lions Gate	Outer Burrard Inlet	2007	3	1	81.2	49 18.751	123 15.014	97.90	2.16			0.11	1.30	4.60	11.82
Lions Gate	Outer Burrard Inlet	2007	3	2	81.2	49 18.751	123 15.014	97.90	2.16			0.11	1.30	4.60	11.82
Lions Gate	Outer Burrard Inlet	2007	3	3	81.2	49 18.751	123 15.014	97.90	2.16			0.11	1.30	4.60	11.82
Lions Gate	Outer Burrard Inlet	2007	4	1	32.8	49 18.45	123 12.59	94.10	0.47			0.09	1.30	4.70	14.44
Lions Gate	Outer Burrard Inlet	2007	4	2	32.8	49 18.45	123 12.59	94.10	0.47			0.09	1.30	4.70	14.44
Lions Gate	Outer Burrard Inlet	2007	4	3	32.8	49 18.45	123 12.59	94.10	0.47			0.09	1.30	4.70	14.44
Lions Gate	Outer Burrard Inlet	2007	45	1	52.3	49 20.926	123 16.692	71.60	0.31			0.09	1.60	5.40	17.78
Lions Gate	Outer Burrard Inlet	2007	45	2	52.3	49 20.926	123 16.692	71.60	0.31			0.09	1.60	5.40	17.78
Lions Gate	Outer Burrard Inlet	2007	45	3	52.3	49 20.926	123 16.692	71.60	0.31			0.09	1.60	5.40	17.78
Lions Gate	Outer Burrard Inlet	2007	46	1	32	49 19.819	123 12.762	21.50	1.47			0.12	1.20	2.50	10.00
Lions Gate	Outer Burrard Inlet	2007	46	2	32	49 19.819	123 12.762	21.50	1.47			0.12	1.20	2.50	10.00
Lions Gate	Outer Burrard Inlet	2007	46	3	32	49 19.819	123 12.762	21.50	1.47			0.12	1.20	2.50	10.00
Lions Gate	Outer Burrard Inlet	2007	47	1	29.6	49 20.166	123 14.448	70.90	1.64			0.13	2.10	5.70	16.15
Lions Gate	Outer Burrard Inlet	2007	47	2	29.6	49 20.166	123 14.448	70.90	1.64			0.13	2.10	5.70	16.15
Lions Gate	Outer Burrard Inlet	2007	47	3	29.6	49 20.166	123 14.448	70.90	1.64			0.13	2.10	5.70	16.15
Lions Gate	Outer Burrard Inlet	2007	48	1	41.3	49 20.156	123 18.804	65.50	0.28			0.14	1.00	4.00	7.14
Lions Gate	Outer Burrard Inlet	2007	48	2	41.3	49 20.156	123 18.804	65.50	0.28			0.14	1.00	4.00	7.14
Lions Gate	Outer Burrard Inlet	2007	48	3	41.3	49 20.156	123 18.804	65.50	0.28			0.14	1.00	4.00	7.14
Lions Gate	Outer Burrard Inlet	2007	5	1	51.8	49 18.22	123 13.86	93.00	0.38			0.09	1.10	4.30	12.22
Lions Gate	Outer Burrard Inlet	2007	5	2	51.8	49 18.22	123 13.86	93.00	0.38			0.09	1.10	4.30	12.22

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Lions Gate	Outer Burrard Inlet	2007	5	3	51.8	49 18.22	123 13.86	93.00	0.38			0.09	1.10	4.30	12.22
Lions Gate	Outer Burrard Inlet	2008	10	1	43	49 19.19	123 11.78	90.80	0.39			0.09	2.40	4.40	26.67
Lions Gate	Outer Burrard Inlet	2008	10	2	43	49 19.19	123 11.78	90.80	0.39			0.09	2.40	4.40	26.67
Lions Gate	Outer Burrard Inlet	2008	10	3	43	49 19.19	123 11.78	90.80	0.39			0.09	2.40	4.40	26.67
Lions Gate	Outer Burrard Inlet	2008	11	1	47	49 19.14	123 11.08	70.50	0.92			0.11	2.00	4.80	18.18
Lions Gate	Outer Burrard Inlet	2008	11	2	47	49 19.14	123 11.08	70.50	0.92			0.11	2.00	4.80	18.18
Lions Gate	Outer Burrard Inlet	2008	11	3	47	49 19.14	123 11.08	70.50	0.92			0.11	2.00	4.80	18.18
Lions Gate	Outer Burrard Inlet	2008	12	1	58	49 19.791	123 13.696	89.80	0.59			0.14	1.10	5.50	7.86
Lions Gate	Outer Burrard Inlet	2008	12	2	58	49 19.791	123 13.696	89.80	0.59			0.14	1.10	5.50	7.86
Lions Gate	Outer Burrard Inlet	2008	12	3	58	49 19.791	123 13.696	89.80	0.59			0.14	1.10	5.50	7.86
Lions Gate	Outer Burrard Inlet	2008	13	1	65	49 19.249	123 13.58	87.70	0.33			0.11	1.20	4.20	10.91
Lions Gate	Outer Burrard Inlet	2008	13	2	65	49 19.249	123 13.58	87.70	0.33			0.11	1.20	4.20	10.91
Lions Gate	Outer Burrard Inlet	2008	13	3	65	49 19.249	123 13.58	87.70	0.33			0.11	1.20	4.20	10.91
Lions Gate	Outer Burrard Inlet	2008	16	1	62	49 17.826	123 15.991	98.20	2.63			0.09	1.60	2.50	17.78
Lions Gate	Outer Burrard Inlet	2008	16	2	62	49 17.826	123 15.991	98.20	2.63			0.09	1.60	2.50	17.78
Lions Gate	Outer Burrard Inlet	2008	16	3	62	49 17.826	123 15.991	98.20	2.63			0.09	1.60	2.50	17.78
Lions Gate	Outer Burrard Inlet	2008	18	1	84	49 17.791	123 18.05	96.60	1.17			0.10	2.30	3.80	23.00
Lions Gate	Outer Burrard Inlet	2008	18	2	84	49 17.791	123 18.05	96.60	1.17			0.10	2.30	3.80	23.00
Lions Gate	Outer Burrard Inlet	2008	18	3	84	49 17.791	123 18.05	96.60	1.17			0.10	2.30	3.80	23.00
Lions Gate	Outer Burrard Inlet	2008	2	1	75	49 19.592	123 14.482	94.60	3.76			0.13	1.90	4.70	14.62
Lions Gate	Outer Burrard Inlet	2008	2	2	75	49 19.592	123 14.482	94.60	3.76			0.13	1.90	4.70	14.62
Lions Gate	Outer Burrard Inlet	2008	2	3	75	49 19.592	123 14.482	94.60	3.76			0.13	1.90	4.70	14.62
Lions Gate	Outer Burrard Inlet	2008	3	1	84	49 18.751	123 15.014	97.20	1.13			0.11	1.20	5.00	10.91
Lions Gate	Outer Burrard Inlet	2008	3	2	84	49 18.751	123 15.014	97.20	1.13			0.11	1.20	5.00	10.91
Lions Gate	Outer Burrard Inlet	2008	3	3	84	49 18.751	123 15.014	97.20	1.13			0.11	1.20	5.00	10.91
Lions Gate	Outer Burrard Inlet	2008	4	1	34	49 18.45	123 12.59	92.00	0.37			0.09	1.20	4.50	13.33
Lions Gate	Outer Burrard Inlet	2008	4	2	34	49 18.45	123 12.59	92.00	0.37			0.09	1.20	4.50	13.33
Lions Gate	Outer Burrard Inlet	2008	4	3	34	49 18.45	123 12.59	92.00	0.37			0.09	1.20	4.50	13.33
Lions Gate	Outer Burrard Inlet	2008	45	1	30	49 20.926	123 16.692	80.60	0.78			0.14	1.90	3.60	13.57
Lions Gate	Outer Burrard Inlet	2008	45	2	30	49 20.926	123 16.692	80.60	0.78			0.14	1.90	3.60	13.57
Lions Gate	Outer Burrard Inlet	2008	45	3	30	49 20.926	123 16.692	80.60	0.78			0.14	1.90	3.60	13.57
Lions Gate	Outer Burrard Inlet	2008	46b	1	32	49 19.819	123 12.762	71.00	6.35			0.10	1.60	2.90	16.00
Lions Gate	Outer Burrard Inlet	2008	46b	2	32	49 19.819	123 12.762	71.00	6.35			0.10	1.60	2.90	16.00
Lions Gate	Outer Burrard Inlet	2008	46b	3	32	49 19.819	123 12.762	71.00	6.35			0.10	1.60	2.90	16.00
Lions Gate	Outer Burrard Inlet	2008	47	1	30	49 20.166	123 14.448	88.30	1.56			0.10	1.60	6.70	16.00
Lions Gate	Outer Burrard Inlet	2008	47	2	30	49 20.166	123 14.448	88.30	1.56			0.10	1.60	6.70	16.00
Lions Gate	Outer Burrard Inlet	2008	47	3	30	49 20.166	123 14.448	88.30	1.56			0.10	1.60	6.70	16.00
Lions Gate	Outer Burrard Inlet	2008	48	1	41	49 20.156	123 18.804	48.90	0.25			0.12	1.50	4.70	12.50
Lions Gate	Outer Burrard Inlet	2008	48	2	41	49 20.156	123 18.804	48.90	0.25			0.12	1.50	4.70	12.50
Lions Gate	Outer Burrard Inlet	2008	48	3	41	49 20.156	123 18.804	48.90	0.25			0.12	1.50	4.70	12.50
Lions Gate	Outer Burrard Inlet	2008	5	1	54	49 18.22	123 13.86	93.70	1.44			0.09	1.60	3.70	17.78
Lions Gate	Outer Burrard Inlet	2008	5	2	54	49 18.22	123 13.86	93.70	1.44			0.09	1.60	3.70	17.78
Lions Gate	Outer Burrard Inlet	2008	5	3	54	49 18.22	123 13.86	93.70	1.44			0.09	1.60	3.70	17.78
Nanaimo Harbour	Nanaimo	2005	18	1	70	49 14.196	123 56.40	14.00				0.09	0.77		8.56
Nanaimo Harbour	Nanaimo	2005	18	2	70	49 14.196	123 56.40	14.00				0.09	0.77		8.56
Nanaimo Harbour	Nanaimo	2005	18	3	70	49 14.196	123 56.40	14.00				0.09	0.77		8.56
Nanaimo Harbour	Nanaimo	2005	19	1	65	49 14.154	123 56.28	34.00				0.19	2.00		10.53
Nanaimo Harbour	Nanaimo	2005	19	2	65	49 14.154	123 56.28	34.00				0.19	2.00		10.53
Nanaimo Harbour	Nanaimo	2005	19	3	65	49 14.154	123 56.28	34.00				0.19	2.00		10.53
Nanaimo Harbour	Nanaimo	2005	37	1	60	49 13.559	123 56.28	1.00							
Nanaimo Harbour	Nanaimo	2005	37	2	60	49 13.559	123 56.28	1.00							
Nanaimo Harbour	Nanaimo	2005	37	3	60	49 13.559	123 56.28	1.00							
Nanaimo Harbour	Nanaimo	2005	38	1	65	49 13.542	123 54.84	40.00							

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Nanaimo Harbour	Nanaimo	2005	38	2	65	49 13.542	123 54.84	40.00							
Nanaimo Harbour	Nanaimo	2005	38	3	65	49 13.542	123 54.84	40.00							
Nanaimo Harbour	Nanaimo	2005	39	1	60	49 14.544	123 58.80	8.00							
Nanaimo Harbour	Nanaimo	2005	39	2	60	49 14.544	123 58.80	8.00							
Nanaimo Harbour	Nanaimo	2005	39	3	60	49 14.544	123 58.80	8.00							
PSAMP	Southern Strait of Georgia	1989	1	1	23	48 59.40	122 51.61	95.00	0.48				1.50		
PSAMP	Southern Strait of Georgia	1989	1	2	23	48 59.40	122 51.61	95.00	0.48				1.50		
PSAMP	Southern Strait of Georgia	1989	1	3	23	48 59.40	122 51.61	95.00	0.48				1.50		
PSAMP	Southern Strait of Georgia	1989	1	4	23	48 59.40	122 51.61	95.00	0.48				1.50		
PSAMP	Southern Strait of Georgia	1989	1	5	23	48 59.40	122 51.61	95.00	0.48				1.50		
PSAMP	Southern Strait of Georgia	1989	3	1	223	48 58.468	122 46.366	45.00				0.18	1.20		6.67
PSAMP	Southern Strait of Georgia	1989	3	2	223	48 58.468	122 46.366	45.00				0.18	1.20		6.67
PSAMP	Southern Strait of Georgia	1989	3	3	223	48 58.468	122 46.366	45.00				0.18	1.20		6.67
PSAMP	Southern Strait of Georgia	1989	3	4	223	48 58.468	122 46.366	45.00				0.18	1.20		6.67
PSAMP	Southern Strait of Georgia	1989	3	5	223	48 58.468	122 46.366	45.00				0.18	1.20		6.67
PSAMP	Southern Strait of Georgia	1990	1	1	23	48 59.40	122 51.61	93.32	31.9				1.80		
PSAMP	Southern Strait of Georgia	1990	1	2	23	48 59.40	122 51.61	93.32	31.9				1.80		
PSAMP	Southern Strait of Georgia	1990	1	3	23	48 59.40	122 51.61	93.32	31.9				1.80		
PSAMP	Southern Strait of Georgia	1990	1	4	23	48 59.40	122 51.61	93.32	31.9				1.80		
PSAMP	Southern Strait of Georgia	1990	1	5	23	48 59.40	122 51.61	93.32	31.9				1.80		
PSAMP	Southern Strait of Georgia	1990	3	1	223	48 58.468	122 46.366	63.70					0.81		
PSAMP	Southern Strait of Georgia	1990	3	2	223	48 58.468	122 46.366	63.70					0.81		
PSAMP	Southern Strait of Georgia	1990	3	3	223	48 58.468	122 46.366	63.70					0.81		
PSAMP	Southern Strait of Georgia	1990	3	4	223	48 58.468	122 46.366	63.70					0.81		
PSAMP	Southern Strait of Georgia	1990	3	5	223	48 58.468	122 46.366	63.70					0.81		
PSAMP	Southern Strait of Georgia	1991	1	1	23	48 59.40	122 51.61	94.10	1.1				1.70		
PSAMP	Southern Strait of Georgia	1991	1	2	23	48 59.40	122 51.61	94.10	1.1				1.70		
PSAMP	Southern Strait of Georgia	1991	1	3	23	48 59.40	122 51.61	94.10	1.1				1.70		
PSAMP	Southern Strait of Georgia	1991	1	4	23	48 59.40	122 51.61	94.10	1.1				1.70		
PSAMP	Southern Strait of Georgia	1991	1	5	23	48 59.40	122 51.61	94.10	1.1				1.70		
PSAMP	Southern Strait of Georgia	1991	201R	1	121	48 59.40	123 12.60	23.00	0.6				0.60		
PSAMP	Southern Strait of Georgia	1991	202R	1	117	48 55.80	123 05.40		0.6				0.50		
PSAMP	Southern Strait of Georgia	1991	3	1	223	48 58.468	122 46.366	50.80					1.30		
PSAMP	Southern Strait of Georgia	1991	3	2	223	48 58.468	122 46.366	50.80					1.30		
PSAMP	Southern Strait of Georgia	1991	3	3	223	48 58.468	122 46.366	50.80					1.30		
PSAMP	Southern Strait of Georgia	1991	3	4	223	48 58.468	122 46.366	50.80					1.30		
PSAMP	Southern Strait of Georgia	1991	3	5	223	48 58.468	122 46.366	50.80					1.30		
PSAMP	Southern Strait of Georgia	1992	1	1	23	48 59.40	122 51.61	52.49	2				1.70		
PSAMP	Southern Strait of Georgia	1992	1	2	23	48 59.40	122 51.61	52.49	2				1.70		
PSAMP	Southern Strait of Georgia	1992	1	3	23	48 59.40	122 51.61	52.49	2				1.70		
PSAMP	Southern Strait of Georgia	1992	1	4	23	48 59.40	122 51.61	52.49	2				1.70		
PSAMP	Southern Strait of Georgia	1992	1	5	23	48 59.40	122 51.61	52.49	2				1.70		
PSAMP	Southern Strait of Georgia	1993	1	1	23	48 59.40	122 51.61	97.00	4.37				1.54		
PSAMP	Southern Strait of Georgia	1993	1	2	23	48 59.40	122 51.61	97.00	4.37				1.54		
PSAMP	Southern Strait of Georgia	1993	1	3	23	48 59.40	122 51.61	97.00	4.37				1.54		
PSAMP	Southern Strait of Georgia	1993	1	4	23	48 59.40	122 51.61	97.00	4.37				1.54		
PSAMP	Southern Strait of Georgia	1993	1	5	23	48 59.40	122 51.61	97.00	4.37				1.54		
PSAMP	Southern Strait of Georgia	1993	3	1	223	48 58.468	122 46.366	63.00					1.08		
PSAMP	Southern Strait of Georgia	1993	3	2	223	48 58.468	122 46.366	63.00					1.08		
PSAMP	Southern Strait of Georgia	1993	3	3	223	48 58.468	122 46.366	63.00					1.08		
PSAMP	Southern Strait of Georgia	1993	3	4	223	48 58.468	122 46.366	63.00					1.08		
PSAMP	Southern Strait of Georgia	1993	3	5	223	48 58.468	122 46.366	63.00					1.08		
PSAMP	Southern Strait of Georgia	1994	1	1	24	48 59.561	122 51.717	36.00					1.92		

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
PSAMP	Southern Strait of Georgia	1994	1	2	24	48 59.463	122 51.717	36.00					1.92		
PSAMP	Southern Strait of Georgia	1994	1	3	24	48 59.463	122 51.717	36.00					1.92		
PSAMP	Southern Strait of Georgia	1994	201R	1	123	48 59.515	123 12.354	95.80					0.71		
PSAMP	Southern Strait of Georgia	1994	202R	1	118	48 55.892	123 05.62	24.30					0.55		
PSAMP	Southern Strait of Georgia	1994	3	1	223	48 58.468	122 46.366						1.24		
PSAMP	Southern Strait of Georgia	1994	3	2	223	48 58.468	122 46.366						1.24		
PSAMP	Southern Strait of Georgia	1994	3	3	223	48 58.468	122 46.366						1.24		
PSAMP	Southern Strait of Georgia	1995	3	1	223	48 58.468	122 46.366	85.88					1.40		
PSAMP	Southern Strait of Georgia	1995	3	2	223	48 58.468	122 46.366	85.88					1.40		
PSAMP	Southern Strait of Georgia	1995	3	3	223	48 58.468	122 46.366	85.88					1.40		
PSAMP	Southern Strait of Georgia	1997	1	1	4	48 58.584	122 45.833		3.6				0.78		
PSAMP	Southern Strait of Georgia	1997	2	1	3	48 58.649	122 46.234		16				1.82		
PSAMP	Southern Strait of Georgia	1997	3	1	223	48 58.468	122 46.366	77.46					1.77		
PSAMP	Southern Strait of Georgia	1997	3	2	223	48 58.468	122 46.366	77.46					1.77		
PSAMP	Southern Strait of Georgia	1997	3	3	223	48 58.468	122 46.366	77.46					1.77		
PSAMP	Southern Strait of Georgia	1998	3	1	223	48 58.468	122 46.366	77.31							
PSAMP	Southern Strait of Georgia	1998	3	2	223	48 58.468	122 46.366	77.31							
PSAMP	Southern Strait of Georgia	1998	3	3	223	48 58.468	122 46.366	77.31							
PSAMP	Southern Strait of Georgia	1999	3	1	223	48 58.468	122 46.366	73.90							
PSAMP	Southern Strait of Georgia	1999	3	2	223	48 58.468	122 46.366	73.90							
PSAMP	Southern Strait of Georgia	1999	3	3	223	48 58.468	122 46.366	73.90							
PSAMP	Southern Strait of Georgia	2000	3	1	223	48 58.468	122 46.366	78.80					1.52		
PSAMP	Southern Strait of Georgia	2000	3	2	223	48 58.468	122 46.366	78.80					1.52		
PSAMP	Southern Strait of Georgia	2000	3	3	223	48 58.468	122 46.366	78.80					1.52		
PSAMP	Southern Strait of Georgia	2001	3	1	223	48 58.468	122 46.366	63.87					1.70		
PSAMP	Southern Strait of Georgia	2001	3	2	223	48 58.468	122 46.366	63.87					1.70		
PSAMP	Southern Strait of Georgia	2001	3	3	223	48 58.468	122 46.366	63.87					1.70		
PSAMP	Southern Strait of Georgia	2002	1	1	19	48 38.751	122 52.095	20.72					2.99		
PSAMP	Southern Strait of Georgia	2002	3	1	223	48 58.468	122 46.366	88.28					1.33		
PSAMP	Southern Strait of Georgia	2002	3	2	223	48 58.468	122 46.366	88.28					1.33		
PSAMP	Southern Strait of Georgia	2002	3	3	223	48 58.468	122 46.366	88.28					1.33		
PSAMP	Southern Strait of Georgia	2003	3	1	223	48 58.468	122 46.366	64.80					1.87		
PSAMP	Southern Strait of Georgia	2003	3	2	223	48 58.468	122 46.366	64.80					1.87		
PSAMP	Southern Strait of Georgia	2003	3	3	223	48 58.468	122 46.366	64.80					1.87		
PSAMP	Southern Strait of Georgia	2004	3	1	223	48 58.468	122 46.366	77.20					1.52		
PSAMP	Southern Strait of Georgia	2004	3	2	223	48 58.468	122 46.366	77.20					1.52		
PSAMP	Southern Strait of Georgia	2004	3	3	223	48 58.468	122 46.366	77.20					1.52		
PSAMP	Southern Strait of Georgia	2005	3	1	223	48 58.468	122 46.366	64.13					1.50		
PSAMP	Southern Strait of Georgia	2005	3	2	223	48 58.468	122 46.366	64.13					1.50		
PSAMP	Southern Strait of Georgia	2005	3	3	223	48 58.468	122 46.366	64.13					1.50		
PSAMP	Southern Strait of Georgia	2006	3	1	223	48 58.468	122 46.366	69.10					1.05		
PSAMP	Southern Strait of Georgia	2006	3	2	223	48 58.468	122 46.366	69.10					1.05		
PSAMP	Southern Strait of Georgia	2006	3	3	223	48 58.468	122 46.366	69.10					1.05		
PSAMP	Southern Strait of Georgia	2007	3	1	223	48 58.468	122 46.366	78.80							
PSAMP	Southern Strait of Georgia	2007	3	2	223	48 58.468	122 46.366	78.80							
PSAMP	Southern Strait of Georgia	2007	3	3	223	48 58.468	122 46.366	78.80							
Shelf	Continental Shelf, Vancouver Island	1980	S1A1	1	107	48 47.0	125 29.0	97.85							
Shelf	Continental Shelf, Vancouver Island	1980	S1A1	2	107	48 47.0	125 29.0	97.85							
Shelf	Continental Shelf, Vancouver Island	1980	S1A2	1	145	48 45.3	125 33.9	98.75							
Shelf	Continental Shelf, Vancouver Island	1980	S1A2	2	145	48 45.3	125 33.9	98.75							
Shelf	Continental Shelf, Vancouver Island	1980	S1A4	1	123	48 44.2	125 29.4	98.30							
Shelf	Continental Shelf, Vancouver Island	1980	S1A4	2	123	48 44.2	125 29.4	98.30							
Shelf	Continental Shelf, Vancouver Island	1980	S1A5	1	175	48 41.0	125 32.1	97.50							

Appendix 1: Continued.

Study Acroynm	Region	Year	Station	Replicate	Depth (m)	Latitude (DMS)	Longitude (-DMS)	% Fines	AVS	Sulphide	Eh	%TN	%TOC	%TVS	TOC/TN
Shelf	Continental Shelf, Vancouver Island	1980	S1A5	2	175	48 41.0	125 32.1	97.50							
Shelf	Continental Shelf, Vancouver Island	1980	S1B1	1	106	48 38.3	125 16.5	94.90							
Shelf	Continental Shelf, Vancouver Island	1980	S1B1	2	106	48 38.3	125 16.5	94.90							
Shelf	Continental Shelf, Vancouver Island	1980	S1B2	1	119	48 35.5	125 25.4	95.25							
Shelf	Continental Shelf, Vancouver Island	1980	S1B2	2	119	48 35.5	125 25.4	95.25							
Shelf	Continental Shelf, Vancouver Island	1980	S1B3	1	133	48 35.5	125 24.4	99.10							
Shelf	Continental Shelf, Vancouver Island	1980	S1B3	2	133	48 35.5	125 24.4	99.10							
Shelf	Continental Shelf, Vancouver Island	1980	S1C1	1	142	48 30.8	125 19.3	97.65							
Shelf	Continental Shelf, Vancouver Island	1980	S1C1	2	142	48 30.8	125 19.3	97.65							
Shelf	Continental Shelf, Vancouver Island	1980	S1C2	1	163	48 26.1	125 22.0	99.55							
Shelf	Continental Shelf, Vancouver Island	1980	S1C2	2	163	48 26.1	125 22.0	99.55							
Shelf	Continental Shelf, Vancouver Island	1980	S1C4	1	133	48 23.8	125 35.8	18.90							
Shelf	Continental Shelf, Vancouver Island	1980	S1C4	2	133	48 23.8	125 35.8	18.90							
Shelf	Continental Shelf, Vancouver Island	1980	S1D1	1	111	48 37.0	126 00.8	8.50							
Shelf	Continental Shelf, Vancouver Island	1980	S1D1	2	111	48 37.0	126 00.8	8.50							
Shelf	Continental Shelf, Vancouver Island	1980	S1D2	1	114	48 43.1	126 05.0	8.05							
Shelf	Continental Shelf, Vancouver Island	1980	S1D2	2	114	48 43.1	126 05.0	8.05							
Shelf	Continental Shelf, Vancouver Island	1980	S1D3	1	111	48 40.9	126 02.8	6.45							
Shelf	Continental Shelf, Vancouver Island	1980	S1D3	2	111	48 40.9	126 02.8	6.45							
Shelf	Continental Shelf, Vancouver Island	1980	S2A1	1	107	48 47.0	125 29.0	97.20							
Shelf	Continental Shelf, Vancouver Island	1980	S2A1	2	107	48 47.0	125 29.0	97.20							
Shelf	Continental Shelf, Vancouver Island	1980	S2A2	1	151	48 45.3	125 33.9	99.15							
Shelf	Continental Shelf, Vancouver Island	1980	S2A2	2	151	48 45.3	125 33.9	99.15							
Shelf	Continental Shelf, Vancouver Island	1980	S2A4	1	122	48 44.2	125 29.4	97.30							
Shelf	Continental Shelf, Vancouver Island	1980	S2A4	2	122	48 44.2	125 29.4	97.30							
Shelf	Continental Shelf, Vancouver Island	1980	S2A5	1	197	48 41.0	125 32.1	64.65							
Shelf	Continental Shelf, Vancouver Island	1980	S2A5	2	197	48 41.0	125 32.1	64.65							
Shelf	Continental Shelf, Vancouver Island	1980	S2B1	1	109	48 38.3	125 16.5	92.75							
Shelf	Continental Shelf, Vancouver Island	1980	S2B1	2	109	48 38.3	125 16.5	92.75							
Shelf	Continental Shelf, Vancouver Island	1980	S2B2	1	120	48 35.5	125 25.4	98.70							
Shelf	Continental Shelf, Vancouver Island	1980	S2B2	2	120	48 35.5	125 25.4	98.70							
Shelf	Continental Shelf, Vancouver Island	1980	S2B3	1	127	48 35.5	125 24.4	98.60							
Shelf	Continental Shelf, Vancouver Island	1980	S2B3	2	127	48 35.5	125 24.4	98.60							
Shelf	Continental Shelf, Vancouver Island	1980	S2C1	1	142	48 30.8	125 19.3	94.25							
Shelf	Continental Shelf, Vancouver Island	1980	S2C1	2	142	48 30.8	125 19.3	94.25							
Shelf	Continental Shelf, Vancouver Island	1980	S2C2	1	173	48 26.1	125 22.0	98.75							
Shelf	Continental Shelf, Vancouver Island	1980	S2C2	2	173	48 26.1	125 22.0	98.75							
Shelf	Continental Shelf, Vancouver Island	1980	S2C4	1	133	48 23.8	125 35.8	15.60							
Shelf	Continental Shelf, Vancouver Island	1980	S2C4	2	133	48 23.8	125 35.8	15.60							
Shelf	Continental Shelf, Vancouver Island	1980	S2D1	1	115	48 37.0	126 00.8	7.40							
Shelf	Continental Shelf, Vancouver Island	1980	S2D1	2	115	48 37.0	126 00.8	7.40							
Shelf	Continental Shelf, Vancouver Island	1980	S2D2	1	118	48 43.1	126 05.0	7.10							
Shelf	Continental Shelf, Vancouver Island	1980	S2D2	2	118	48 43.1	126 05.0	7.10							
Shelf	Continental Shelf, Vancouver Island	1980	S2D3	1	118	48 40.9	126 02.8	7.50							
Shelf	Continental Shelf, Vancouver Island	1980	S2D3	2	118	48 40.9	126 02.8	7.50							
Village Bay	Village Bay *Salt Spring Island)	2003	R1	1	15	50 09.672	125 11.536	66.39		241.50		0.47	4.00	1.93	8.51
Village Bay	Village Bay *Salt Spring Island)	2003	R1	2	15	50 09.672	125 11.536	69.19		101.25		0.47	4.00	2.55	8.51
Village Bay	Village Bay *Salt Spring Island)	2003	R1	3	15	50 09.672	125 11.536	68.99		81.65		0.47	4.00	2.40	8.51
Village Bay	Village Bay *Salt Spring Island)	2003	R2	1	9	50 09.227	125 11.162	22.88		48.50		0.30	3.04	4.40	10.17
Village Bay	Village Bay *Salt Spring Island)	2003	R2	3	9	50 09.227	125 11.162	19.32		26.55		0.30	3.04	2.82	10.17
Village Bay	Village Bay *Salt Spring Island)	2003	R2	2	9	50 09.227	125 11.162	38.22		24.40		0.30	3.04	1.28	10.17

Appendix 2. Study and sample Shannon-Weiner (H') and Simpsons (1-D), as well as total abundances for major taxonomic groups as listed, with Miscellaneous including all other remaining invertebrate groups which tend to occur patchily in grab samples. All values given are for 0.1 m2 grab surface areas. CRAM = Amphipoda ; CRCU = Cumacea ; CRDE = Decapoda ; CRIS = Isopoda ; CRLE = Leptostraca ; CROS = Ostracoda; CRTA = Tanaidacea; ECHO = Holothuroidea; ECOP = Ophiuroidea; MOBI = Bivalvia; MOGA = Gastropoda; MOSC = Scaphopoda; NTEA = Nemertea; POER = Errantiate polychaetes; POSE = Sedentariate polychaetes.

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Alice Arm	1995	CM	1	300	3.09	0.93	33	75	20	8	12	0	0	0	0	0	4	2	3	1	0	0	17	21	7
Alice Arm	1995	CM	2	295	2.61	0.91	18	48	10	4	6	0	0	0	0	0	1	0	1	0	0	1	11	22	2
Alice Arm	1995	CM	3	291	2.57	0.88	22	67	32	12	18	0	0	0	2	0	4	1	1	0	0	1	9	19	0
Alice Arm	1995	CN	1	276	2.41	0.83	20	54	25	3	20	2	0	0	0	0	8	0	4	1	0	1	5	5	3
Alice Arm	1995	CN	2	275	2.43	0.86	19	50	20	3	16	1	0	0	0	0	3	1	3	0	0	0	8	14	1
Alice Arm	1995	CN	3	275	2.61	0.89	21	66	24	4	18	2	0	0	0	0	5	4	2	2	0	0	11	10	8
Alice Arm	1995	CS	1	281	2.87	0.91	30	106	24	3	20	1	0	0	0	0	3	1	9	0	0	0	15	43	11
Alice Arm	1995	CS	2	276	2.53	0.88	19	47	17	5	12	0	0	0	0	0	9	0	1	0	0	0	2	16	2
Alice Arm	1995	CS	3	280	2.84	0.90	29	96	38	12	24	1	0	0	1	0	6	2	4	0	0	1	12	30	3
Alice Arm	1995	DM	1	377	2.95	0.92	31	96	8	5	3	0	0	0	0	0	10	1	6	0	1	0	13	38	19
Alice Arm	1995	DM	2	375	2.93	0.93	27	89	9	6	3	0	0	0	0	0	11	1	4	0	1	1	18	31	13
Alice Arm	1995	DM	3	374	3.09	0.94	29	107	16	5	11	0	0	0	0	0	13	2	6	0	0	4	24	34	8
Alice Arm	1995	DN	1	375	2.64	0.90	21	53	7	1	6	0	0	0	0	0	3	0	2	0	0	1	18	19	3
Alice Arm	1995	DN	2	375	2.31	0.87	15	38	8	1	7	0	0	0	0	0	1	0	7	0	0	0	10	10	2
Alice Arm	1995	DN	3	377	2.65	0.90	19	36	6	3	3	0	0	0	0	0	1	1	1	0	0	2	11	13	1
Alice Arm	1995	DS	1	368	2.89	0.93	24	62	6	3	3	0	0	0	0	0	6	0	3	0	0	1	14	23	9
Alice Arm	1995	DS	2	366	2.54	0.88	22	102	20	11	9	0	0	0	0	0	2	1	1	0	0	0	17	53	8
Alice Arm	1995	DS	3	367	2.77	0.93	19	31	2	2	0	0	0	0	0	0	5	1	2	0	0	0	8	12	1
Alice Arm	1995	EM	1	403	2.01	0.79	13	42	2	0	2	0	0	0	0	0	6	0	21	1	0	0	4	8	0
Alice Arm	1995	EM	2	404	2.08	0.80	15	71	2	0	2	0	0	0	0	0	6	0	31	0	0	0	8	19	5
Alice Arm	1995	EM	3	404	1.88	0.76	13	56	1	0	1	0	0	0	0	0	8	0	32	1	0	1	0	12	1
Alice Arm	1995	EN	1	410	1.85	0.76	10	32	0	0	0	0	0	0	0	0	2	0	14	0	0	0	6	7	3
Alice Arm	1995	EN	2	410	2.09	0.86	9	12	0	0	0	0	0	0	0	0	4	0	1	0	0	2	1	4	0
Alice Arm	1995	EN	3	406	2.26	0.84	14	26	1	0	1	0	0	0	0	0	3	1	6	0	0	0	1	13	1
Alice Arm	1995	ES	1	401	2.72	0.92	19	42	2	0	2	0	0	0	0	0	3	0	13	0	0	1	6	13	4
Alice Arm	1995	ES	2	401	2.89	0.93	23	57	1	0	1	0	0	0	0	0	6	0	14	0	0	1	8	19	8
Alice Arm	1995	ES	3	402	2.39	0.89	14	32	1	0	1	0	0	0	0	0	0	0	2	0	0	0	10	15	4
Bazan Bay	2002	m	1	10	3.21	0.95	32	66	8	7	1	0	0	0	0	0	0	0	12	2	0	0	3	34	0
Bazan Bay	2002	m	1	10	2.85	0.92	32	89	31	25	1	0	0	0	0	5	0	0	12	0	0	0	6	23	0
Bazan Bay	2002	1A1N1mm	1	10	2.75	0.92	19	39	5	5	0	0	0	0	0	0	0	0	5	1	0	0	0	21	0
Bazan Bay	2002	1A1S1mm	1	10	2.56	0.90	17	32	1	1	0	0	0	0	0	0	0	0	4	0	0	0	0	22	0
Bazan Bay	2002	1A3N1mm	1	10	2.68	0.90	26	103	25	8	0	0	0	0	0	17	0	0	15	0	0	1	3	59	0
Bazan Bay	2002	1A3S1mm	1	10	2.57	0.88	21	75	17	17	0	0	0	0	0	0	0	0	7	0	0	0	1	48	0
Bazan Bay	2002	1A5N1mm	1	10	2.83	0.92	25	81	15	6	0	0	0	0	0	9	0	0	10	0	0	0	6	49	0
Bazan Bay	2002	1A5S1mm	1	10	2.71	0.92	20	48	9	9	0	0	0	0	0	0	0	0	6	0	0	0	1	28	0
Bazan Bay	2002	m	1	10	1.44	0.47	35	359	291	269	0	1	0	0	1	20	0	0	7	8	0	0	9	36	7
Bazan Bay	2002	m	1	10	2.72	0.87	28	101	45	36	1	3	0	0	0	5	0	0	6	2	0	0	6	37	3
Bazan Bay	2002	1B1N1mm	1	10	2.28	0.85	15	30	15	11	0	0	0	0	0	2	0	0	1	2	0	0	3	5	2
Bazan Bay	2002	1B1S1mm	1	10	2.76	0.91	29	113	39	28	1	0	0	0	0	10	0	0	7	0	0	1	5	43	3
Bazan Bay	2002	1B3N1mm	1	10	2.80	0.92	27	95	24	13	0	2	0	0	0	9	0	0	4	0	0	0	4	45	0
Bazan Bay	2002	1B3S1mm	1	10	1.10	0.38	31	443	389	357	0	1	0	0	0	31	0	0	4	11	0	0	2	27	3
Bazan Bay	2002	1B5N1mm	1	10	2.55	0.87	33	178	84	46	0	1	0	0	0	37	0	0	5	3	0	0	15	50	1
Bazan Bay	2002	1B5S1mm	1	10	0.96	0.34	16	165	146	140	1	0	0	0	0	5	0	0	0	0	0	0	0	15	3
Bazan Bay	2002	m	1	10	2.97	0.93	32	113	14	7	0	2	0	0	0	5	0	0	7	0	0	1	8	53	0
Bazan Bay	2002	m	1	10	3.07	0.94	31	70	16	12	3	0	0	0	0	1	0	0	8	0	0	0	3	26	0
Bazan Bay	2002	2A1N1mm	1	10	2.88	0.93	22	46	3	2	0	0	0	0	0	1	0	0	5	0	0	0	1	27	0
Bazan Bay	2002	2A1S1mm	1	10	2.37	0.88	13	21	1	1	0	0	0	0	0	0	0	0	3	0	0	0	1	11	0
Bazan Bay	2002	2A3N1mm	1	10	2.55	0.88	24	90	23	2	0	0	0	0	0	21	0	0	12	0	0	0	4	38	0
Bazan Bay	2002	2A3S1mm	1	10	3.22	0.95	35	72	5	3	0	1	0	0	0	1	0	0	10	1	0	0	5	44	0
Bazan Bay	2002	2A5N1mm	1	10	3.01	0.94	30	105	17	6	0	0	0	0	0	11	0	0	10	0	0	0	4	58	0
Bazan Bay	2002	2A5S1mm	1	10	2.56	0.91	18	40	2	1	0	1	0	0	0	0	0	0	3	0	0	0	0	28	0
Bazan Bay	2002	m	1	10	1.73	0.61	27	258	206	177	0	0	0	0	0	29	0	0	4	4	0	0	3	32	3
Bazan Bay	2002	m	1	10	1.49	0.52	21	129	104	94	1	4	0	0	0	5	0	0	4	1	0	0	4	10	3

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Bazan Bay	2002	2B1N1mm	1	10	1.49	0.75	5	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3
Bazan Bay	2002	2B1S1mm	1	10	1.96	0.73	28	254	164	133	0	0	0	0	0	31	0	0	3	2	0	0	3	75	3
Bazan Bay	2002	2B3N1mm	1	10	2.77	0.92	25	78	20	7	0	0	0	0	0	13	0	0	3	0	0	0	6	39	3
Bazan Bay	2002	2B3S1mm	1	10	2.26	0.79	29	163	105	73	0	0	0	0	0	32	0	0	5	17	0	0	2	25	3
Bazan Bay	2002	2B5N1mm	1	10	1.90	0.76	22	177	123	65	0	0	0	0	0	58	0	0	2	0	0	0	20	29	3
Bazan Bay	2002	2B5S1mm	1	10	2.18	0.79	22	155	105	79	0	0	0	0	0	26	0	0	4	3	0	0	2	37	3
Bazan Bay	2002	a315S1mm	1	10	3.08	0.94	29	76	11	9	2	0	0	0	0	0	0	0	8	0	0	0	9	42	3
Bazan Bay	2002	a35S1mm	1	10	3.05	0.94	29	83	11	8	2	0	0	0	0	1	0	0	7	0	0	0	5	50	3
Brittania	2001	16i	1	9	2.30	0.81	57	607	7	6	0	1	0	0	0	0	0	1	39	8	0	66	90	377	18
Brittania	2001	16i	2	9	2.30	0.81	58	543	13	13	0	0	0	0	0	0	1	1	42	12	0	11	125	314	23
Brittania	2001	16s	1	19	2.74	0.88	34	291	0	0	0	0	0	0	0	0	0	0	25	1	0	4	28	208	25
Brittania	2001	16s	2	19	2.74	0.88	33	278	1	1	0	0	0	0	0	0	0	0	16	1	0	12	21	160	67
Brittania	2001	2i	1	7.5	3.24	0.94	50	653	3	0	0	0	0	0	3	0	1	1	55	3	0	30	73	351	131
Brittania	2001	2i	2	7.5	3.24	0.94	54	376	10	10	0	0	0	0	0	0	1	3	21	4	0	18	54	262	1
Brittania	2001	2s	1	19	3.06	0.92	52	1047	8	1	0	2	1	0	1	3	1	3	313	4	1	28	56	631	2
Brittania	2001	2s	2	19	3.06	0.92	33	428	0	0	0	0	0	0	0	0	0	0	73	8	0	13	21	289	21
Brittania	2001	2s	3	19	3.06	0.92	40	553	3	1	0	0	0	0	1	1	0	0	151	7	0	11	29	338	14
Macaulay	1994	8W	1	54	3.58	0.95	63	820	284	128	20	4	0	0	4	128	12	0	136	8	0	0	132	244	0
Macaulay	1994	8W	2	54	3.88	0.97	70	928	292	136	36	0	4	0	48	68	0	0	116	12	0	0	100	400	4
Macaulay	1994	8W	3	54	3.69	0.95	78	1160	504	196	52	20	0	4	28	204	12	0	168	8	4	0	92	368	0
Macaulay	1994	R1	1	60	3.75	0.96	68	323	91	45	24	0	0	0	3	19	0	2	85	12	0	0	44	89	0
Macaulay	1994	R1	2	60	3.53	0.94	81	534	267	169	31	1	1	0	9	56	0	0	71	13	0	0	43	137	1
Macaulay	1994	R1	3	60	3.45	0.94	73	503	235	129	69	1	1	0	3	32	0	3	100	11	1	0	30	123	0
Macaulay	1997	8W	1	54	2.82	0.86	59	329	83	12	2	0	0	0	66	3	1	0	154	7	1	0	17	64	2
Macaulay	1997	8W	2	54	3.40	0.91	81	408	93	41	3	6	0	0	43	0	1	1	173	10	0	1	27	92	3
Macaulay	1997	8W	3	54	2.86	0.84	74	513	115	31	3	1	0	0	78	2	1	0	260	5	0	1	36	93	1
Macaulay	1997	R1	1	60	3.51	0.95	64	232	60	51	0	1	0	0	8	0	0	2	68	9	0	1	18	74	0
Macaulay	1997	R1	2	60	3.82	0.97	72	206	43	32	1	2	0	0	8	0	0	0	36	3	0	1	29	94	0
Macaulay	1997	R1	3	60	3.49	0.95	58	217	25	19	0	2	0	0	4	0	0	1	61	9	0	1	21	99	0
Macaulay	1999	R1	1	60	3.56	0.95	77	448	95	47	4	1	0	0	43	0	2	2	199	7	2	2	25	106	6
Macaulay	1999	R1	2	60	3.61	0.96	71	432	113	49	3	0	0	1	60	0	0	4	149	17	6	0	19	123	1
Macaulay	1999	R1	3	60	3.63	0.95	88	419	116	52	3	0	4	0	57	0	4	1	170	20	4	2	27	70	4
Macaulay	1999	R1	4	60	3.89	0.97	89	434	122	74	2	1	0	0	41	4	2	4	145	12	5	5	31	107	1
Macaulay	1999	R2	1	62	4.07	0.98	93	375	111	82	6	1	2	0	13	7	0	0	92	7	0	26	47	91	0
Macaulay	1999	R2	2	62	3.56	0.94	77	380	100	61	16	2	0	0	20	1	0	2	155	2	1	2	26	88	4
Macaulay	1999	R2	3	62	3.98	0.97	85	326	94	65	7	5	1	0	7	0	0	1	67	3	0	2	38	120	9
Macaulay	1999	R2	4	62	3.72	0.96	71	323	106	72	10	0	1	1	20	2	0	4	108	7	1	2	19	75	1
Macaulay	1999	R3	1	58	3.65	0.95	88	552	107	53	6	0	1	0	46	1	1	1	228	14	5	2	33	157	4
Macaulay	1999	R3	2	58	3.67	0.94	89	541	107	63	1	3	1	0	39	0	0	6	217	12	5	3	33	153	2
Macaulay	1999	R3	3	62	3.67	0.96	87	490	113	59	4	1	0	0	46	3	0	0	162	24	5	1	28	152	4
Macaulay	1999	R3	4	58	3.74	0.95	93	589	102	55	1	1	1	0	41	3	1	4	186	22	8	0	45	209	10
Macaulay	2000	8W	1	54	3.04	0.87	58	237	53	17	5	0	0	0	28	3	1	0	114	2	0	0	15	43	2
Macaulay	2000	8W	2	54	2.57	0.75	71	629	83	41	3	0	1	0	35	3	0	1	417	1	0	0	40	76	7
Macaulay	2000	8W	3	54	2.77	0.79	74	778	77	40	5	0	0	0	27	0	0	1	485	4	0	1	66	136	9
Macaulay	2000	8W	4	54	2.62	0.76	68	407	60	46	2	0	0	0	10	0	1	1	254	5	0	0	34	44	8
Macaulay	2000	R1	1	60	3.48	0.94	76	663	203	87	7	1	0	0	108	0	0	2	259	5	3	1	44	141	5
Macaulay	2000	R1	2	60	3.25	0.92	72	746	233	73	8	0	2	0	149	1	0	5	337	6	5	0	40	118	2
Macaulay	2000	R1	3	60	3.29	0.91	84	728	121	101	7	1	1	0	7	4	0	4	401	2	5	1	42	143	9
Macaulay	2000	R1	4	60	3.47	0.93	97	892	317	129	8	1	0	1	175	3	1	5	326	13	4	2	57	160	7
Macaulay	2000	R2	1	62	3.52	0.95	90	1397	684	496	20	14	0	0	148	6	2	12	416	24	0	2	48	204	5
Macaulay	2000	R2	2	62	3.79	0.96	100	767	294	219	5	1	5	0	58	5	2	6	217	14	3	4	79	143	6
Macaulay	2000	R2	3	62	3.48	0.94	77	583	163	81	10	6	0	0	61	5	0	1	255	3	0	0	42	115	4

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Macaulay	2000	R2	4	62	3.62	0.95	95	691	261	162	9	2	1	0	84	3	0	3	240	5	1	6	47	126	2
Macaulay	2000	R3	1	58	3.33	0.93	84	736	201	64	1	0	0	0	134	2	1	3	333	5	7	2	42	137	5
Macaulay	2000	R3	2	58	3.19	0.90	79	822	225	50	5	0	2	0	168	0	0	4	362	6	7	0	42	167	8
Macaulay	2000	R3	3	58	3.26	0.91	85	698	178	43	1	0	0	0	128	2	0	6	340	3	4	3	33	119	16
Macaulay	2000	R3	4	58	3.18	0.90	87	790	247	65	173	0	1	0	7	1	0	10	337	8	3	1	37	139	8
Macaulay	2001	8W	1	54	2.77	0.81	90	1324	41	28	3	0	0	0	9	1	0	0	777	28	1	1	140	314	2
Macaulay	2001	8W	2	54	2.78	0.78	105	1209	86	38	5	1	0	0	14	1	0	0	789	22	3	0	84	209	27
Macaulay	2001	8W	3	54	3.04	0.85	122	1231	63	41	2	1	2	0	15	2	0	0	783	24	5	2	86	250	12
Macaulay	2001	R1	1	60	3.53	0.94	75	376	66	35	2	0	1	0	27	1	0	3	181	36	2	2	23	54	4
Macaulay	2001	R1	2	60	3.32	0.91	75	392	58	24	1	0	1	0	32	0	0	6	214	20	2	0	19	67	2
Macaulay	2001	R1	3	60	3.37	0.94	65	424	108	42	1	1	0	0	62	2	0	0	199	26	3	0	31	57	0
Macaulay	2001	R2	1	62	3.49	0.94	78	393	66	29	1	2	0	0	33	1	0	2	199	7	0	1	23	82	4
Macaulay	2001	R2	2	62	3.61	0.95	78	312	44	22	0	1	0	0	19	0	1	4	155	10	1	2	27	63	3
Macaulay	2001	R2	3	62	3.44	0.93	77	454	75	28	2	0	0	0	28	7	0	4	245	13	0	2	26	74	11
Macaulay	2001	R3	1	58	3.81	0.96	105	584	110	62	2	0	0	0	45	1	0	3	232	46	12	4	22	143	2
Macaulay	2001	R3	2	58	3.33	0.92	71	408	49	23	3	0	0	0	21	2	0	4	225	21	8	2	12	83	3
Macaulay	2001	R3	3	58	3.03	0.89	70	516	98	49	2	3	0	0	42	0	0	9	327	42	9	2	1	1	8
Macaulay	2002	8W	1	54	2.23	0.67	69	793	60	50	3	1	0	0	5	1	0	0	624	11	5	0	46	41	2
Macaulay	2002	8W	2	54	2.52	0.72	83	782	83	67	8	1	0	0	6	1	0	0	569	11	12	1	45	53	8
Macaulay	2002	8W	4	54	2.68	0.77	77	792	75	50	10	5	0	0	9	1	0	0	546	28	5	0	58	75	1
Macaulay	2002	R1	1	60	3.50	0.95	54	248	74	28	10	0	1	0	35	0	2	4	82	5	4	0	31	46	0
Macaulay	2002	R1	3	60	3.67	0.96	63	230	48	33	1	0	0	0	14	0	0	5	70	17	4	0	15	70	1
Macaulay	2002	R1	4	60	3.67	0.96	63	260	81	42	0	0	0	0	39	0	0	1	59	10	1	1	27	72	8
Macaulay	2002	R2	1	62	3.58	0.95	70	294	89	41	2	0	0	0	45	1	0	4	101	6	1	1	25	65	1
Macaulay	2002	R2	3	62	3.47	0.95	57	239	70	36	5	0	0	0	28	1	0	1	82	3	1	0	21	59	2
Macaulay	2002	R2	4	62	3.47	0.95	60	243	84	30	6	0	1	0	46	1	0	0	73	6	1	0	19	60	0
Macaulay	2002	R3	1	58	3.52	0.95	67	356	63	35	4	3	0	0	21	0	0	3	162	22	7	0	28	69	2
Macaulay	2002	R3	2	58	3.81	0.97	77	319	65	47	0	2	0	1	15	0	0	3	122	17	7	3	23	72	7
Macaulay	2002	R3	3	58	3.70	0.96	74	308	63	45	2	1	0	0	15	0	0	3	130	13	8	0	38	52	0
Macaulay	2003	8W	1	54	2.85	0.82	73	653	57	46	4	1	0	0	6	0	0	0	420	15	2	0	61	94	3
Macaulay	2003	8W	2	54	2.48	0.73	71	859	85	60	11	3	0	0	10	1	0	4	586	26	5	1	66	79	5
Macaulay	2003	8W	3	54	2.85	0.81	79	814	100	65	20	3	0	0	10	2	1	3	485	42	6	0	80	94	1
Macaulay	2003	PB1	1	60	3.71	0.97	61	218	32	19	0	1	0	0	12	0	0	7	82	18	2	0	18	52	7
Macaulay	2003	PB1	2	60	3.49	0.94	64	262	61	19	1	2	1	0	38	0	0	6	73	28	0	0	28	63	2
Macaulay	2003	PB1	3	60	3.51	0.94	59	173	53	28	1	2	0	0	22	0	0	2	45	20	0	0	15	37	0
Macaulay	2003	PB1	4	60	3.65	0.95	79	396	97	28	9	0	1	0	59	0	0	4	135	28	2	1	31	95	1
Macaulay	2003	PB2	1	62	3.68	0.96	75	331	64	29	2	2	0	0	30	1	0	1	98	12	1	3	17	132	3
Macaulay	2003	PB2	2	62	3.64	0.96	70	329	72	31	2	0	0	0	39	0	1	3	134	10	2	2	26	76	3
Macaulay	2003	PB2	3	62	3.73	0.96	69	276	56	27	4	0	0	0	24	1	0	1	94	13	1	1	28	79	3
Macaulay	2003	PB3	1	62	3.54	0.94	80	426	104	67	6	5	0	0	26	0	0	5	163	34	8	2	19	81	7
Macaulay	2003	PB3	2	62	3.28	0.92	71	437	63	25	7	3	0	0	28	0	0	1	186	54	2	0	22	98	8
Macaulay	2003	PB3	3	62	3.24	0.91	65	420	43	18	3	2	0	0	20	0	0	1	205	33	6	2	26	102	0
Macaulay	2004	8W	1	54	2.74	0.80	63	624	111	64	20	2	1	0	24	0	0	0	366	27	12	0	49	59	0
Macaulay	2004	8W	2	54	2.76	0.82	57	563	80	58	10	1	0	0	11	0	0	0	337	38	18	0	46	44	0
Macaulay	2004	8W	3	54	2.80	0.81	73	656	132	88	29	1	0	0	14	0	0	0	391	13	8	0	49	63	0
Macaulay	2004	PB1	1	60	3.72	0.95	86	423	86	44	5	3	1	0	33	0	0	10	155	37	1	0	21	104	9
Macaulay	2004	PB1	2	60	3.77	0.96	89	443	87	42	6	1	1	0	36	1	0	8	157	47	1	1	29	111	1
Macaulay	2004	PB1	3	60	3.52	0.95	65	314	82	41	4	3	0	0	34	0	0	6	115	31	2	0	18	56	4
Macaulay	2004	PB2	1	62	3.33	0.95	49	211	60	20	11	1	1	0	27	0	0	0	75	2	1	0	12	61	0
Macaulay	2004	PB2	2	62	3.71	0.96	70	222	62	35	7	0	1	0	19	0	0	4	77	4	0	2	16	51	4
Macaulay	2004	PB2	4	62	3.71	0.96	64	258	74	43	7	1	0	0	23	0	0	1	87	0	1	0	16	76	2
Macaulay	2004	PB3	1	62	3.53	0.96	51	155	37	27	2	0	0	0	8	0	0	0	29	11	1	0	37	40	0
Macaulay	2004	PB3	2	62	3.66	0.95	78	331	58	37	5	0	2	0	14	0	0	6	105	54	2	2	25	71	5
Macaulay	2004	PB3	3	62	3.45	0.94	68	317	57	37	3	1	0	0	16	0	0	2	117	43	5	0	31	61	0

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Macaulay	2004	PB3	4	62	3.62	0.95	72	388	88	52	8	3	0	0	24	1	0	2	137	52	4	2	25	77	1
Saanich Peninsula	2004	Ref.	1		1.01	0.32	33	707	610	609	0	0	0	0	1	0	0	0	27	11	0	0	15	44	0
Saanich Peninsula	2004	Ref.	2		1.15	0.38	39	802	701	698	0	0	0	0	1	2	0	0	20	6	0	0	19	56	0
Saanich Peninsula	2004	Ref.	4		0.94	0.29	38	704	712	708	1	2	1	0	0	0	0	0	15	15	0	0	16	39	0
Saanich Peninsula	2008	Ref.	2		2.09	0.64	50	452	369	365	0	2	1	0	0	1	1	1	7	1	0	12	15	44	3
Saanich Peninsula	2008	Ref.	3		1.61	0.50	41	381	281	277	0	4	0	0	0	0	0	0	12	1	0	9	32	49	1
Saanich Peninsula	2008	Ref.	4		1.93	0.65	53	407	273	271	0	1	0	0	0	1	0	0	20	1	0	5	33	74	1
Alberni Inlet	1998	ag20	1	20	2.83	0.86	41	145	18	6	1	2	0	0	0	9	0	0	15	0	0	0	85	27	0
Alberni Inlet	1998	ag20	2	20	3.31	0.95	39	140	39	21	8	0	0	0	5	5	0	0	10	20	0	0	27	43	0
Alberni Inlet	1998	ag20	3	20	2.93	0.90	44	172	11	2	3	1	0	0	1	4	0	2	10	3	0	2	88	56	0
EEM	2003	B5C	2	55	3.36	0.95	54	265.2	14.4	0	6	0	0	0	6	1.2	2.4	1.2	18.5	2.4	0	3.6	39.4	170.1	4.8
EEM	2003	B5C	3	55	2.54	0.83	31	203.5	7.2	1.2	0	2.4	0	0	3.6	0	0	0	102.8	1.2	1.2	0	30	57.5	0
EEM	2003	B5C	1	55	2.10	0.75	28	223.9	12	4.8	0	3.6	0	0	3.6	0	0	0	147.1	2.4	0	0	30	32.4	0
EEM	2003	B6	2	55	2.96	0.89	53	281.5	8.4	4.8	0	0	0	0	2.4	1.2	0	0	6	8.4	0	1.2	93.4	143.7	6
EEM	2003	B6	3	55	3.04	0.92	41	249.2	43.1	0	1.2	0	0	0	37.1	4.8	0	0	7.2	12	33.5	4.8	47.9	88.7	2.4
EEM	2003	B6	1	55	2.83	0.90	39	219.7	10.8	4.8	1.2	1.2	0	0	3.6	0	0	0	21.5	0	9.6	0	80.2	97.6	0
EEM	2002	N14	1	115	2.56	0.90	16	28	3	1	2	0	0	0	0	0	6	0	2	1	0	0	3	12	1
EEM	2002	N14	2	115	2.34	0.89	12	25	2	2	0	0	0	0	0	0	5	0	1	2	0	2	3	10	0
EEM	2002	N14	3	115	1.87	0.79	9	18	1	1	0	0	0	0	0	0	7	0	4	1	0	0	3	2	0
EEM	2002	N14	4	115	2.14	0.86	10	18	1	0	0	1	0	0	0	0	5	0	0	0	0	0	5	6	1
EEM	2002	N14	5	115	2.53	0.89	18	55	8	5	3	0	0	0	0	0	13	0	7	0	0	1	8	18	0
EEM	2002	N15	1	135	2.09	0.76	16	41	1	1	0	0	0	0	0	0	19	0	5	0	0	0	7	7	2
EEM	2002	N15	2	135	2.45	0.90	15	25	1	1	0	0	0	0	0	0	5	0	3	3	0	0	7	5	0
EEM	2002	N15	3	135	3.08	0.94	34	92	10	4	6	0	0	0	0	0	13	0	5	2	2	1	18	37	4
EEM	2002	N15	4	135	2.06	0.84	10	19	0	0	0	0	0	0	0	0	6	0	0	0	1	1	6	5	0
EEM	2002	N15	5	135	2.64	0.92	16	29	4	2	1	1	0	0	0	0	2	0	3	0	0	0	10	10	0
EEM	2006	N15	1	135	2.99	0.92	30		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEM	2006	N15	2	135	2.57	0.88	21		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEM	2006	N15	3	135	2.96	0.93	30		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEM	2006	N15	4	135	2.90	0.92	27		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEM	2006	N15	5	135	3.33	0.95	36		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEM	2006	N2	1	46	3.34	0.95	44		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEM	2006	N2	2	46	3.61	0.95	69		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEM	2006	N2	3	46	3.37	0.91	58		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEM	2006	N2	4	46	3.52	0.95	64		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEM	2006	N2	5	46	3.33	0.93	60		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEM	2003	B14	1	71	2.88	0.90	34	173.7	75.3	16.8	58.5	0	0	0	0	0	0	0	19.2	1.2	0	3.6	38.4	34.8	1.2
EEM	2003	B15	1	62	2.86	0.92	29	109	47.9	40.7	6	1.2	0	0	0	0	0	0	9.6	4.8	0	0	21.6	8.4	16.7
EEM	2003	B18	1	55	3.20	0.93	57	383.3	74.3	44.3	12	0	1.2	0	14.4	2.4	0	0	12	46.7	0	1.2	136.5	94.6	15.6
EEM	2003	B19	1	62	3.14	0.93	41	195.3	50.3	6	35.9	0	6	0	2.4	0	1.2	0	22.8	3.6	2.4	1.2	25.2	86.2	2.4
EEM	2003	HSB14	2	71	3.18	0.93	44	269.5	50.3	0	31.1	0	2.4	0	16.8	0	0	0	92.1	2.4	2.4	3.6	22.8	85.1	1.2
EEM	2003	HSB14	3	71	2.83	0.88	46	374.8	50.3	0	41.9	0	0	0	8.4	0	1.2	0	113.7	4.8	2.4	0	24	172.4	1.2
EEM	2003	HSB15	2	62	2.78	0.88	38	249.2	57.5	0	13.2	0	7.2	0	35.9	1.2	0	0	24	1.2	1.2	0	76.6	36	1.2
EEM	2003	HSB15	3	62	2.59	0.85	30	123.5	24	0	3.6	0	1.2	0	19.2	0	0	0	4.8	2.4	0	0	18	63.5	0
EEM	2003	HSB18	2	55	3.03	0.93	36	245.5	44.3	0	15.6	0	3.6	0	25.1	0	0	0	61	2.4	1.2	3.6	36	73	8.4
EEM	2003	HSB18	3	55	2.98	0.91	40	243.2	41.9	0	21.6	0	1.2	0	19.1	0	0	0	26.4	6	2.4	1.2	36	112.5	2.4
EEM	2003	HSB19	2	62	3.10	0.94	29	97.2	24	0	14.4	0	3.6	0	6	0	0	0	24	2.4	3.6	0	7.2	33.6	0
EEM	2003	HSB19	3	62	3.01	0.94	29	120	33.6	0	6	0	14.4	0	13.2	0	0	0	26.4	3.6	1.2	0	16.8	34.8	1.2
EEM	2001	PRB10	2	32	2.45	0.84	29	154.5	32.4	31.2	0	1.2	0	0	0	0	0	0	44.3	52.6	0	0	15.6	8.4	1.2
EEM	2001	PRB10	2	32	2.45	0.84	29	146.1	27.6	26.4	0	1.2	0	0	0	0	0	0	40.7	52.6	0	0	15.6	8.4	1.2
EEM	2001	PRB10	1	32	3.15	0.91	37	86.4	16.8	14.4	0	2.4	0	0	0	0	0	1.2	10.8	12	0	0	32.4	12	0
EEM	2001	PRB7	2	30	3.72	0.97	55	170.4	30	9.6	13.2	0	1.2	0	3.6	0	0	0	38.4	4.8	0	2.4	33.6	46.8	8.4

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
EEM	2001	PRB7	2	30	3.72	0.97	55	169.2	38.4	9.6	13.2	0	1.2	0	3.6	8.4	0	1.2	38.4	4.8	0	2.4	32.4	46.8	7.2
EEM	2001	PRB7	1	30	3.96	0.97	62	199.1	38.3	10.8	19.1	0	1.2	0	4.8	2.4	0	2.4	37.2	10.8	0	1.2	37.2	69.6	2.4
EEM	2001	PRB9	2	34	3.68	0.95	81	443.4	123.4	31.2	15.6	0	4.8	0	71.8	0	2.4	0	28.8	15.6	0	0	44.4	208.4	7.2
EEM	2001	PRB9	2	34	3.68	0.95	82	444.6	134.2	31.2	15.6	0	4.8	0	71.8	10.8	2.4	7.2	30	15.6	0	0	44.4	208.4	0
EEM	2001	PRB9	1	34	3.63	0.94	95	842.4	350.5	76.7	47.8	1.2	2.4	0	204.5	17.9	3.6	0	45.5	10.8	0	1.2	97	331.4	0
Effingham	2002	EFF11	1	84	2.39	0.88	15	41	2	0	2	0	0	0	0	0	0	1	25	5	1	0	1	6	0
Effingham	2002	EFF11	2	84	2.83	0.92	29	139	4	4	0	0	0	0	0	0	0	4	33	0	0	4	23	70	0
ER67	2000	er67-1	1	73	2.78	0.87	77	1000	77	33	6	0	0	0	38	0	0	39	257	12	20	0	25	361	3
ER67	2000	KP61.3-1	1	73	2.55	0.80	73	712	19	15	3	0	0	0	1	0	0	32	123	1	2	1	47	384	2
ER67	2000	KP61.5-2	1	81	2.66	0.84	63	731	37	4	3	0	0	0	30	0	0	6	417	11	30	0	11	76	1
ER67	2000	KP61R-2	1	77	3.12	0.90	74	561	81	21	11	0	0	0	49	0	0	18	304	2	2	3	30	84	1
ER67	2000	KP62.5R-1	1	80	2.98	0.89	83	1200	61	17	2	0	0	0	38	3	0	24	399	7	32	1	64	163	7
ER67	2000	KP62R-1	1	75	2.58	0.83	70	954	44	13	3	1	1	0	26	0	0	8	412	23	42	1	31	86	1
ER67	2000	KP63R-2	1	75	2.79	0.85	65	769	50	12	5	1	0	0	31	1	0	5	247	12	21	1	19	117	7
Fish farms	2000	R1	1	37	2.46	0.99	12	13	0	0	0	0	0	0	0	0	0	1	6	2	1	0	0	3	0
Fish farms	2001	R1	1	47	3.33	0.91	82	621	21	11	0	4	0	0	6	0	0	4	335	57	49	3	81	69	2
Fish farms	2001	R1	2	47	3.33	0.91	71	537	19	2	0	14	0	0	2	0	4	2	303	43	18	3	80	58	7
Fish farms	2001	R1	3	47	3.33	0.91	70	590	10	3	0	5	0	0	2	0	2	12	321	34	41	3	84	75	0
Fish farms	2000	R1	2	66	3.24	0.94	20	35	2	1	0	1	0	0	0	0	0	0	2	0	1	1	9	20	0
Fish farms	2000	R1	1	66	3.24	0.94	23	40	3	1	1	1	0	0	0	0	0	0	6	0	0	1	13	17	0
Fish farms	2000	R1	3	66	3.24	0.94	13	22	3	3	0	0	0	0	0	0	0	0	1	0	0	0	6	12	0
Fish farms	2000	R1	3	38	3.90	0.96	79	216	5	5	0	0	0	0	0	0	1	0	35	18	0	5	22	118	8
Fish farms	2000	R1	1	38	3.90	0.96	58	213	1	0	1	0	0	0	0	0	1	1	95	22	0	1	21	67	4
Fish farms	2000	R1	2	38	3.90	0.96	63	216	4	1	2	0	0	0	1	0	0	0	83	25	0	1	10	89	3
Fish farms	2002	R1	3	88	2.31	0.77	36	261	3	1	2	0	0	0	0	0	0	0	141	0	0	1	13	103	0
Fish farms	2002	R1	1	68	2.31	0.77	49	492	11	3	7	1	0	0	0	0	0	0	315	8	0	0	9	149	0
Fish farms	2002	R1	2	66	2.31	0.77	38	450	7	0	6	0	1	0	0	0	0	0	300	1	0	0	8	134	0
Fish farms	2002	R2	2	88	1.80	0.69	27	272	1	0	1	0	0	0	0	0	0	0	171	0	0	0	5	95	0
Fish farms	2002	R2	1	88	1.80	0.69	18	194	0	0	0	0	0	0	0	0	0	0	120	0	0	0	3	71	0
Fish farms	2002	R2	3	88	1.80	0.69	22	305	0	0	0	0	0	0	0	0	1	0	204	0	0	1	6	93	0
Fish farms	2002	R2	3	88	1.80	0.69	22	305	0	0	0	0	0	0	0	0	1	0	204	0	0	1	6	93	0
Fish farms	2001	R1	2	58	3.05	0.92	23	36	2	0	1	1	0	0	0	0	0	1	7	0	0	1	13	12	0
Fish farms	2001	R2	2	56	2.77	0.86	21	56	1	0	0	1	0	0	0	0	1	1	28	0	0	3	15	6	0
Fish farms	2001	R2	1	56	2.77	0.86	17	39	3	0	0	3	0	0	0	0	0	0	13	0	0	3	13	7	0
Fish farms	2001	R2	3	56	2.77	0.86	20	55	9	1	0	8	0	0	0	0	0	1	19	0	0	2	16	3	0
Fish farms	2007	Ref 1	1	60	2.38	0.79	26	65	2	0	0	2	0	0	0	0	0	0	9	2	0	0	22	29	1
Fish farms	2007	Ref 1	3	60	2.25	0.79	30	90	3	0	0	3	0	0	0	0	0	0	16	2	0	1	32	35	1
Fish farms	2007	Ref 1	2	60	2.59	0.88	22	84	0	0	0	0	0	0	0	0	0	2	5	0	0	0	20	57	0
Fish farms	2007	Ref 2	3	57.4	2.93	0.92	27	170	6	0	0	6	0	0	0	0	0	11	22	1	0	1	38	91	0
Fish farms	2007	Ref 2	2	57.3	2.35	0.82	27	113	5	0	0	5	0	0	0	0	0	2	22	1	0	2	47	33	0
Fish farms	2007	Ref 2	1	56.9	2.97	0.94	31	181	2	0	0	2	0	0	0	0	0	0	25	0	0	2	31	121	0
Fish farms	2000	R1	1	34	3.20	0.87	42	103	6	0	0	2	3	0	1	0	0	6	1	2	0	2	13	18	1
Fish farms	2000	R1	2	34	3.20	0.87	48	182	15	6	0	3	2	0	4	0	1	4	1	3	0	3	16	8	5
Fish farms	2003	R2	2	31.7	3.54	0.94	74	444	33	11	2	16	0	1	0	0	18	0	19	29	1	4	82	246	4
Fish farms	2003	R2	1	23.2	3.54	0.94	83	428	37	12	1	17	0	0	2	0	20	4	14	9	0	5	96	216	16
Fish farms	2003	R2	3	30.8	3.54	0.94	58	247	46	34	0	11	0	0	0	1	10	0	1	0	0	4	98	81	6
Fish farms	2000	R1	1	40	1.05	0.43	13	129	1	1	0	0	0	0	0	0	0	1	97	0	0	1	19	10	0
Fish farms	2000	R1	1	61	3.06	0.97	26	36	5	3	1	1	0	0	0	0	0	0	0	2	0	1	14	12	2
Fish farms	2000	R1	1	28	2.23	0.92	11	19	0	0	0	0	0	0	0	0	0	0	3	0	0	0	4	12	0
Fish farms	2001	R1	3	52	3.50	0.92	76	513	36	16	3	0	7	0	6	4	0	0	56	9	1	2	58	301	47
Fish farms	2001	R1	2	52	3.50	0.92	94	571	42	15	4	0	9	0	10	4	0	0	154	4	11	4	74	240	22

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Fish farms	2001	R1	1	52	3.50	0.92	85	633	45	18	2	0	9	0	12	4	0	1	75	3	4	0	75	233	14
Fish farms	2001	R2	2	55	3.32	0.91	85	935	43	21	3	0	11	0	5	3	0	0	112	9	3	3	76	357	97
Fish farms	2001	R2	3	55	3.32	0.91	74	605	38	13	1	0	3	0	15	6	0	0	61	4	0	4	65	309	79
Fish farms	2001	R2	1	55	3.32	0.91	92	633	38	12	3	1	1	0	20	1	0	1	120	8	16	5	71	333	40
Fish farms	2001	R1	1	36	3.65	0.91	74	380	30	22	2	2	2	0	2	0	5	12	18	111	0	3	61	129	8
Fish farms	2001	R1	2	36	3.65	0.91	80	289	41	17	3	4	0	2	3	12	0	1	56	22	0	3	51	106	8
Fish farms	2001	R1	3	36	3.65	0.91	50	172	23	7	5	0	0	0	0	11	0	0	60	12	0	0	26	50	0
Fish farms	2001	R2	1	41	4.26	0.97	95	371	44	22	3	2	5	0	0	12	1	2	75	11	0	0	55	173	2
Fish farms	2001	R2	3	41	4.26	0.97	106	397	57	35	4	1	2	0	1	14	2	2	61	7	1	2	61	200	3
Fish farms	2001	R2	2	41	4.26	0.97	102	409	55	24	5	1	2	0	2	21	0	2	69	7	1	2	62	205	1
Fish farms	2000	R1	2	40	2.78	0.81	32	91	5	2	0	0	0	0	3	0	0	0	33	0	0	0	23	28	1
Fish farms	2000	R1	1	40	2.78	0.81	22	163	0	0	0	0	0	0	0	0	0	0	92	10	0	1	14	46	0
Fish farms	2000	R1	3	40	2.78	0.81	45	172	5	1	0	0	0	0	4	0	0	0	71	4	0	1	37	52	0
Fish farms	2000	R1	2	13	3.16	0.95	25	75	10	2	1	0	0	0	7	0	0	0	18	1	0	0	16	29	0
Fish farms	2000	R1	1	13	3.16	0.95	30	81	14	8	1	0	0	0	5	0	0	0	20	1	0	0	19	26	0
Fish farms	2000	R1	2	38	3.30	0.92	58	384	54	6	16	1	0	0	31	0	0	1	211	4	1	0	22	86	0
Fish farms	2000	R1	3	38	3.30	0.92	74	415	28	4	5	0	0	0	14	5	0	7	225	17	7	0	22	100	2
Fish farms	2000	R1	1	38	3.30	0.92	54	390	80	10	23	0	3	0	44	0	0	3	216	2	0	0	15	74	0
Fish farms	2001	R1	1	34	2.90	0.82	65	537	38	17	8	1	0	0	9	3	0	2	322	5	0	6	34	128	0
Fish farms	2001	R1	3	34	2.90	0.82	57	338	36	21	2	0	0	12	0	1	1	0	228	7	0	0	18	44	1
Fish farms	2001	R1	2	34	2.90	0.82	75	559	29	20	7	0	0	0	1	1	0	1	345	4	0	2	38	137	0
Fish farms	2001	R2	1	38	3.36	0.92	98	926	55	10	9	0	1	1	32	2	1	2	368	11	8	6	41	420	0
Fish farms	2001	R2	2	38	3.36	0.92	100	1156	98	25	19	0	1	0	46	7	0	1	555	13	5	6	48	413	0
Fish farms	2001	R2	3	38	3.36	0.92	91	1112	53	8	10	0	1	0	27	7	1	2	572	8	0	3	45	419	0
Fish farms	2000	R1	1	46	3.51	0.95	56	105	22	5	7	0	0	0	8	2	0	0	13	5	0	0	11	20	26
Fish farms	2000	R1	1	61	3.05	0.96	20	30	4	0	2	1	0	0	1	0	0	0	1	0	0	0	5	20	0
Fish farms	2000	R1	2	61	3.05	0.96	10	12	2	1	0	0	0	0	0	1	0	0	1	0	0	0	3	6	0
Fish farms	2000	R1	1	38	2.98	0.90	48	259	32	28	0	3	0	0	0	1	0	38	18	0	0	7	16	140	6
Fish farms	2001	R1	2	46	2.86	0.93	9	12	1	0	0	1	0	0	0	0	0	0	0	1	0	0	6	4	0
Fish farms	2001	R1	3	46	2.86	0.93	11	15	1	0	0	1	0	0	0	0	0	0	0	0	0	0	8	6	0
Fish farms	2001	R1	1	46	2.86	0.93	8	11	1	0	0	1	0	0	0	0	0	0	1	0	0	0	4	3	2
Fish farms	2001	R2	1	45	3.22	0.92	50	246	24	7	2	14	0	0	1	0	1	18	9	0	0	13	58	100	5
Fish farms	2001	R2	3	45	3.38	0.95	52	275	30	10	3	10	1	0	4	2	0	15	13	0	0	6	91	93	14
Fish farms	2001	R2	2	45	3.30	0.94	51	281	29	18	2	8	1	0	0	0	0	18	14	0	0	6	101	86	1
Fish farms	2003	R1	3	49.7	3.11	0.93	21	53	7	6	0	0	0	0	1	0	0	0	0	0	0	0	19	27	0
Fish farms	2003	R1	2	51.8	3.11	0.93	42	103	52	38	4	0	0	6	3	1	0	0	0	0	0	0	24	27	0
Fish farms	2003	R1	1	54.9	3.11	0.93	49	203	66	25	1	0	0	1	37	2	0	1	6	11	0	0	38	80	0
Fish farms	2000	R1	1	22	4.15	0.97	73	167	8	6	1	0	0	0	1	0	1	3	22	16	0	1	84	18	1
Fish farms	2000	R1	2	22	4.15	0.97	58	173	10	7	0	3	0	0	0	0	1	11	27	18	0	1	70	32	1
Fish farms	2000	R1	3	22	4.15	0.97	57	153	11	7	1	0	1	0	1	1	0	5	19	12	0	2	53	39	0
Fish farms	2002	R1	1	41	3.42	0.93	63	517	9	8	1	0	0	0	0	0	4	0	227	35	27	1	81	124	4
Fish farms	2002	R1	2	42	3.42	0.93	85	659	13	10	1	0	0	0	2	0	0	0	178	47	3	5	107	285	13
Fish farms	2002	R1	3	42	3.42	0.93	66	542	29	25	0	1	1	0	2	0	1	0	198	33	9	4	66	186	0
Fish farms	2002	R2	1	34	3.62	0.95	73	780	36	24	0	0	1	0	2	0	0	0	367	47	23	1	122	165	12
Fish farms	2002	R2	2	38	3.62	0.95	70	632	24	22	0	1	1	0	0	0	0	0	253	39	12	4	51	216	28
Fish farms	2002	R2	3	30	3.62	0.95	58	588	51	46	0	2	0	0	3	0	0	3	210	54	6	0	75	185	4
Fish farms	2000	R1	2	89	4.18	0.97	59	114	17	10	6	1	0	0	0	0	1	2	18	1	1	0	15	51	3
Fish farms	2000	R1	3	89	4.18	0.97	73	145	16	6	8	0	0	0	1	1	0	4	34	1	2	2	19	59	7
Fish farms	2000	R1	1	89	4.18	0.97	63	139	15	8	5	0	1	0	1	0	1	2	49	1	8	0	14	47	0
Fish farms	2000	R1	3	42	4.70	0.98	164	583	35	20	5	1	1	1	4	3	2	2	24	15	0	8	115	135	45
Fish farms	2000	R1	2	42	4.70	0.98	156	478	24	16	2	1	0	0	5	0	3	1	32	22	0	8	96	177	40
Fish farms	2000	R1	1	42	4.70	0.98	81	208	17	12	2	1	0	1	1	0	0	5	41	23	0	0	45	68	4
Fish farms	2001	R1	2	38	3.88	0.96	77	234	36	7	6	22	0	0	1	0	0	1	36	17	6	3	74	55	0
Fish farms	2001	R1	3	38	3.88	0.96	54	225	47	10	3	33	0	0	1	0	0	3	20	1	7	0	81	62	4

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Fish farms	2001	R1	1	38	3.88	0.96	44	103	19	6	3	10	0	0	0	0	0	1	19	16	2	0	31	13	0
Fish farms	2001	R2	1	40	4.26	0.98	87	371	21	11	2	5	0	0	3	0	5	4	76	39	0	8	112	90	13
Fish farms	2001	R2	2	40	4.26	0.98	80	351	39	27	0	6	0	0	6	0	1	3	8	11	1	2	143	116	24
Fish farms	2001	R2	3	40	4.26	0.98	84	341	22	13	0	7	0	0	2	0	3	0	24	24	0	3	134	81	17
Fish farms	2005	R1	2	54	3.17	0.87	82	356	33	11	5	17	0	0	0	0	4	26	7	5	2	1	169	101	2
Fish farms	2005	R1	1	53	3.51	0.92	83	350	23	9	1	13	0	0	0	0	5	16	46	11	0	1	160	83	1
Fish farms	2005	R1	3	54	3.53	0.93	83	351	34	12	1	21	0	0	0	0	1	11	39	5	3	3	134	111	4
Fish farms	2005	R1	1	50	2.63	0.84	48	167	5	0	0	4	1	0	0	0	5	2	7	3	0	0	87	51	5
Fish farms	2005	R1	4	52	3.54	0.95	56	129	15	2	1	11	0	0	0	0	2	8	7	3	2	1	40	46	3
Fish farms	2005	R1	3	53	2.83	0.87	60	181	13	0	2	11	0	0	0	0	5	8	9	2	3	2	78	57	1
Fish farms	2005	R1	6	50	3.08	0.89	36	116	14	0	0	14	0	0	0	0	0	2	5	3	1	2	48	38	0
Fish farms	2005	R1	2	53	3.02	0.87	40	107	1	0	0	1	0	0	0	0	1	1	5	3	2	0	49	40	2
Fish farms	2005	R1	5	52	3.21	0.89	54	170	23	1	1	21	0	0	0	0	2	4	6	5	3	4	74	44	2
Fish farms	2005	R2	1	63	3.21	0.91	53	219	36	4	0	32	0	0	0	0	0	0	25	1	0	3	60	91	0
Fish farms	2005	R2	3	64	3.40	0.92	75	247	16	6	0	10	0	0	0	0	1	1	34	5	0	1	98	87	1
Fish farms	2005	R2	2	63	3.22	0.93	58	200	7	1	0	6	0	0	0	0	0	0	26	8	0	5	66	86	0
Fish farms	2000	R1	1	43	3.02	0.89	51	361	100	21	10	0	0	0	67	2	0	0	147	4	1	1	9	51	2
Fish farms	2000	R1	3	43	3.02	0.89	54	467	192	27	7	0	1	1	151	5	0	3	119	4	0	0	7	111	0
Fish farms	2000	R1	2	43	3.02	0.89	71	467	129	20	16	0	0	0	91	2	0	2	149	3	1	0	18	104	0
Fish farms	2000	R1	2	52	3.85	0.96	49	268	18	9	1	0	1	0	1	6	0	0	0	0	0	0	104	36	0
Fish farms	2000	R1	1	52	3.85	0.96	72	700	25	4	1	4	2	0	5	9	0	1	0	1	0	1	137	99	1
Fish farms	2000	R1	3	52	3.85	0.96	76	447	9	3	0	0	0	3	0	3	0	1	2	2	0	2	140	139	32
Fish farms	2003	R1	2	37	3.95	0.97	104	680	207	180	4	16	0	0	0	7	0	1	60	65	0	8	84	226	14
Fish farms	2003	R1	1	37	3.95	0.97	109	637	170	154	1	12	0	0	2	1	0	3	77	57	0	9	92	173	29
Fish farms	2003	R1	3	38	3.95	0.97	103	799	271	240	6	20	0	0	2	3	0	0	71	67	0	6	86	267	16
Fish farms	2003	R2	1	33	3.57	0.94	72	497	136	101	2	20	4	0	5	4	2	0	56	53	0	0	43	165	4
Fish farms	2003	R2	2	32	3.57	0.94	91	590	192	158	2	25	1	1	3	2	5	1	61	77	0	8	48	153	8
Fish farms	2003	R2	3	33	3.57	0.94	72	576	232	211	1	7	0	1	11	1	0	1	46	35	0	8	55	148	19
Fish farms	2001	R1	3	38	3.30	0.94	19	44	1	0	1	0	0	0	0	0	0	0	14	1	0	0	10	12	0
Fish farms	2001	R1	1	38	3.30	0.94	36	98	4	3	1	0	0	0	0	0	0	0	13	2	2	0	22	52	1
Fish farms	2001	R1	2	38	3.30	0.94	22	67	0	0	0	0	0	0	0	0	0	1	23	3	6	0	5	29	0
Fish farms	2001	R2	2	35	3.24	0.92	43	182	11	8	1	0	0	0	2	0	0	50	57	14	7	1	15	24	0
Fish farms	2001	R2	3	35	3.24	0.92	25	77	9	0	2	7	0	0	0	0	0	7	31	4	4	0	6	14	1
Fish farms	2001	R2	1	35	3.24	0.92	39	125	9	2	2	5	0	0	0	0	0	22	42	2	5	0	10	30	0
Fish farms	2000	R1	1	34	1.99	0.80	14	42	1	1	0	0	0	0	0	0	0	0	26	0	0	0	7	3	0
Fish farms	2002	R1	1	62	3.37	0.91	68	421	32	20	10	0	0	0	2	0	0	0	207	8	0	1	98	74	1
Fish farms	2002	R1	3	62	3.37	0.91	60	475	34	18	5	0	1	0	10	0	0	1	191	13	1	1	121	104	8
Fish farms	2002	R1	2	62	3.37	0.91	78	589	34	14	6	2	2	0	9	1	1	0	285	9	1	2	119	128	6
Fish farms	2003	R1	3	61.9	3.60	0.95	72	445	12	6	4	0	0	0	2	0	2	2	97	11	0	1	121	187	0
Fish farms	2003	R1	2	60.7	3.60	0.95	85	733	12	6	3	0	0	0	2	1	0	0	207	15	0	0	160	319	8
Fish farms	2003	R1	1	59.4	3.60	0.95	95	970	21	13	6	0	0	0	1	1	2	2	375	22	0	3	178	356	2
Fish farms	2004	R1	2	59.9	3.70	0.96	80	342	12	7	1	3	1	0	0	0	0	1	111	21	1	0	81	112	3
Fish farms	2004	R1	1	58.1	3.70	0.96	70	275	18	6	4	1	1	0	5	1	0	0	82	16	0	0	75	81	3
Fish farms	2004	R1	3	60	3.70	0.96	85	402	20	10	3	2	0	0	4	1	0	1	138	12	2	2	103	114	9
Fish farms	2000	R1	1	38	2.80	0.88	29	120	2	2	0	0	0	0	0	0	0	2	88	9	2	0	7	10	0
Fish farms	2000	R1	3	38	2.80	0.88	38	168	2	0	0	0	0	0	2	0	0	2	120	13	9	0	13	9	0
Fish farms	2000	R1	2	38	2.80	0.88	35	123	3	2	0	0	0	0	1	0	0	0	84	8	5	0	9	14	0
Fish farms	2001	R1	2	34	3.60	0.95	88	804	25	16	0	2	0	0	7	0	2	2	293	23	18	6	191	232	4
Fish farms	2001	R1	1	34	3.60	0.95	82	781	15	7	0	1	0	0	5	0	1	7	299	30	95	4	118	211	3
Fish farms	2001	R1	3	34	3.60	0.95	78	848	20	12	0	1	0	0	7	0	0	5	245	77	97	7	178	190	5
Fish farms	2001	R2	1	38	2.71	0.82	49	442	18	0	0	18	0	0	0	0	0	2	266	13	47	1	37	58	0
Fish farms	2001	R2	2	38	2.71	0.82	41	284	8	1	0	6	0	0	1	0	0	3	193	6	15	2	44	13	0
Fish farms	2001	R2	3	38	2.71	0.82	45	329	20	0	0	20	0	0	0	0	0	1	202	11	34	2	35	21	0
Fish farms	2000	R1	1	39	4.23	0.98	52	89	9	5	1	1	1	0	1	0	1	1	18	0	0	1	25	32	1

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Fish farms	2000	R1	2	39	4.23	0.98	39	84	13	13	0	0	0	0	0	0	0	3	12	0	0	1	16	39	0
Fish farms	2000	R1	3	39	4.23	0.98	60	183	43	18	2	3	0	0	0	20	3	0	41	5	0	2	44	33	1
Fjords	1987	10	1	445	2.28	0.89	11	17	1	0	0	0	0	0	0	1	0	2	0	1	1	1	5	2	4
Fjords	1987	10	2	445	2.39	0.90	12	16	2	1	0	1	0	0	0	0	0	1	0	1	0	1	2	4	5
Fjords	1987	13	1	570	2.31	0.89	11	16	3	3	0	0	0	0	0	0	1	0	1	0	1	0	6	2	2
Fjords	1987	13	2	570	2.74	0.92	20	39	3	1	2	0	0	0	0	0	3	0	3	1	4	0	8	8	9
Fjords	1987	14A	1	301	2.14	0.63	59	472	8	5	3	0	0	0	0	0	0	4	25	4	8	0	31	107	284
Fjords	1987	14A	2	301	3.01	0.88	52	223	6	3	3	0	0	0	0	0	1	7	23	2	6	0	33	65	78
Fjords	1987	14B	1	370	2.96	0.88	37	91	12	9	2	0	0	0	1	0	3	2	6	1	3	1	14	17	32
Fjords	1987	14B	2	370	2.83	0.83	46	147	16	10	5	0	0	0	1	0	3	3	19	0	3	1	13	28	61
Fjords	1987	14C	1	360	1.76	0.68	16	78	6	3	3	0	0	0	0	0	1	3	3	1	1	0	14	4	45
Fjords	1987	14C	2	360	2.28	0.76	26	72	2	1	1	0	0	0	0	0	1	0	3	1	1	0	23	6	35
Fjords	1987	15	1	357	2.91	0.94	21	36	1	0	1	0	0	0	0	0	1	1	3	1	0	1	13	8	7
Fjords	1987	15	2	357	2.99	0.94	25	50	2	0	2	0	0	0	0	0	0	0	6	3	3	0	17	10	9
Fjords	1987	18	1	222	2.40	0.83	56	719	54	51	1	0	1	0	0	1	4	3	10	3	1	4	45	418	176
Fjords	1987	18	2	222	2.29	0.81	47	420	58	57	1	0	0	0	0	0	2	4	4	5	3	1	23	189	131
Fjords	1987	20A	1	233	2.31	0.88	12	21	1	0	1	0	0	0	0	0	1	0	3	0	0	1	11	1	3
Fjords	1987	20A	2	233	2.09	0.84	10	20	0	0	0	0	0	0	0	0	1	0	3	0	3	1	10	0	2
Fjords	1987	20B	1	233	2.39	0.89	13	22	0	0	0	0	0	0	0	0	1	0	3	2	0	0	11	0	5
Fjords	1987	20B	2	233	2.51	0.91	13	17	2	0	2	0	0	0	0	0	2	0	5	0	0	0	3	0	4
Fjords	1987	20C	1	256	2.09	0.71	42	313	38	36	2	0	0	0	0	0	2	1	3	2	2	1	33	190	41
Fjords	1987	20C	2	256	1.89	0.70	21	132	10	10	0	0	0	0	0	0	0	16	3	0	3	1	9	74	16
Fjords	1987	5A	1	241	3.02	0.94	27	54	3	2	1	0	0	0	0	0	3	0	5	1	2	0	13	19	8
Fjords	1987	5A	2	241	2.71	0.92	18	35	3	1	2	0	0	0	0	0	6	0	6	1	1	0	5	11	2
Fjords	1987	5B	1	343	1.91	0.84	7	8	1	1	0	0	0	0	0	0	0	0	4	0	0	0	3	0	0
Fjords	1987	5C	1	433	2.39	0.90	12	17	0	0	0	0	0	0	0	0	0	0	3	1	1	0	1	6	5
Fjords	1987	5C	2	433	2.32	0.85	15	32	5	0	5	0	0	0	0	0	0	0	2	0	1	2	5	14	3
Fjords	1987	9	1	494	1.70	0.70	14	67	1	0	0	0	0	0	1	0	2	34	0	0	1	0	3	16	10
Fjords	1987	9	2	494	1.40	0.60	12	61	1	1	0	0	0	0	0	0	0	0	1	0	1	0	4	16	38
Fjords	1989	15	1	318	2.79	0.92	22	67	0	0	0	0	0	0	0	0	0	16	11	0	2	0	14	9	15
Fjords	1989	15	2	318	2.59	0.89	15	25	1	0	1	0	0	0	0	0	0	2	4	1	0	0	9	5	3
Fjords	1989	16	1	378	2.95	0.89	44	133	4	3	0	0	0	0	1	0	0	0	4	3	1	0	20	66	32
Fjords	1989	16	2	349	2.52	0.84	28	100	0	0	0	0	0	0	0	0	0	1	11	0	0	1	27	24	36
Fjords	1989	17	1	325	2.04	0.86	8	9	1	1	0	0	0	0	0	0	0	2	0	0	0	0	3	2	1
Fjords	1989	17	2	313	1.73	0.81	5	7	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	3
Fjords	1989	22	1	221	2.20	0.89	8	8	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	2	2
Fjords	1989	22	2	216	1.70	0.80	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	2
Fjords	1989	40	1	221	2.86	0.84	49	177	3	3	0	0	0	0	0	0	1	0	10	1	2	1	46	104	8
Fjords	1989	41	1	219	1.89	0.81	7	10	0	0	0	0	0	0	0	0	0	1	5	0	0	0	1	0	0
Fjords	1989	41	2	220	1.39	0.75	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0
Fjords	1989	44	1	348	0.73	0.45	3	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	25	0
Fjords	1989	44	2	348	0.86	0.49	4	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	28	0
Fjords	1989	50	1	465	1.96	0.82	11	39	3	3	0	0	0	0	0	0	0	0	1	0	0	0	11	20	4
Fjords	1989	50	2	482	2.50	0.87	20	48	3	3	0	0	0	0	0	0	0	0	1	1	0	1	23	14	5
Fjords	1989	51	1	580	1.42	0.72	5	10	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	4	1
Fjords	1989	51	2	574	2.01	0.85	9	18	0	0	0	0	0	0	0	0	0	1	4	0	0	1	5	7	0
Fjords	1989	53	1	588	1.15	0.62	4	9	0	0	0	0	0	0	0	0	0	0	6	0	0	0	1	2	0
Fjords	1989	53	2	580	0.50	0.32	2	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4	0
Fjords	1989	54	1	321	2.32	0.88	12	18	0	0	0	0	0	0	0	0	4	0	6	0	0	0	2	4	2
Fjords	1989	54	2	328	2.74	0.91	22	54	2	1	0	0	0	0	1	0	1	0	0	0	0	0	26	21	4
Fjords	1989	55	1	388	2.12	0.84	12	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	34	1
Fjords	1989	55	2	386	1.46	0.69	8	55	1	1	0	0	0	0	0	0	0	0	0	0	0	0	27	27	0
Fjords	1990	3B01	1	137	1.55	0.78	5	7	1	0	0	1	0	0	0	0	1	0	2	1	0	0	0	0	2

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Fjords	1990	3B01	2	134	1.35	0.69	5	12	1	0	0	1	0	0	0	0	5	0	5	0	0	0	0	0	1
Fjords	1990	3BU1	1	660	1.80	0.76	13	60	2	2	0	0	0	0	0	0	0	1	0	0	0	0	1	54	1
Fjords	1990	3BU1	2	660	1.69	0.74	14	128	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	121	3
Fjords	1990	3BU2	1	650	1.74	0.68	20	123	7	3	1	0	0	0	3	0	0	0	0	0	0	0	3	108	0
Fjords	1990	3BU2	2	650	0.95	0.38	10	74	1	1	0	0	0	0	0	0	0	0	1	1	0	1	1	69	0
Fjords	1990	3BU3	1	645	1.90	0.78	13	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	75	0
Fjords	1990	3BU3	2	649	1.25	0.53	12	49	6	2	0	0	0	0	4	0	0	0	0	0	0	0	5	35	0
Fjords	1990	3BU5	A	470	2.42	0.89	18	29	2	0	0	1	0	0	0	1	2	0	1	0	0	0	5	12	2
Fjords	1990	3BU5	B	470	2.14	0.88	11	17	0	0	0	0	0	0	0	0	0	0	1	1	0	1	3	6	0
Fjords	1990	3BU6	1	340	1.97	0.84	8	11	0	0	0	0	0	0	0	0	3	0	0	0	0	0	4	3	1
Fjords	1990	3BU6	2	340	1.75	0.82	8	10	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	0	1
Fjords	1990	3JE1	1	678	1.99	0.85	8	13	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1	7	2
Fjords	1990	3JE1	2	650	2.28	0.87	16	49	4	1	0	0	0	0	2	1	0	1	0	0	0	0	6	25	12
Fjords	1990	3JE2	1	660	1.30	0.64	5	9	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	6	0
Fjords	1990	3JE2	2	660	1.47	0.69	6	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6
Fjords	1990	3JE3	1	560	1.91	0.83	8	14	1	1	0	0	0	0	0	0	0	0	0	1	0	0	2	6	4
Fjords	1990	3JE3	2	560	1.78	0.80	7	13	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	6	4
Fjords	1990	3JE4	1	537	1.39	0.69	7	11	0	0	0	0	0	0	0	0	0	0	1	0	0	0	5	2	0
Fjords	1990	3JE4	2	537	1.56	0.78	5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	1
Fjords	1990	3JE5	1	366	2.37	0.87	20	79	0	0	0	0	0	0	0	0	1	1	4	0	0	3	3	51	13
Fjords	1990	3JE6	1	329	2.00	0.79	16	52	2	1	0	0	0	0	1	0	0	0	4	1	0	2	3	36	2
Fjords	1990	3JE6	2	329	1.39	0.71	6	12	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	9	0
Fjords	1990	3KI1	1	480	2.06	0.85	13	28	1	0	0	0	0	0	1	0	0	0	5	0	1	0	1	16	1
Fjords	1990	3KI1	2	480	2.03	0.86	9	11	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	4	3
Fjords	1990	3KI2	1	394	1.77	0.79	7	11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0
Fjords	1990	3KI2	2	394	2.11	0.80	18	49	2	1	1	0	0	0	0	0	1	0	5	2	2	2	3	27	1
Fjords	1990	3KI3	1	266	2.29	0.87	13	30	2	2	0	0	0	0	0	0	2	0	2	0	1	1	12	9	1
Fjords	1990	3KI3	2	266	2.55	0.88	19	30	2	2	0	0	0	0	0	0	1	0	1	1	0	0	10	6	8
Fjords	1990	3KI4	1	325	0.56	0.38	3	5	4	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	1
Fjords	1990	3KI4	2	316	1.04	0.63	3	4	3	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0
Fjords	1990	3KN2	1	331	1.45	0.58	12	37	0	0	0	0	0	0	0	0	1	0	2	1	0	0	4	4	23
Fjords	1990	3KN2	2	331	0.95	0.44	5	15	1	0	1	0	0	0	0	0	1	0	0	0	0	0	1	1	11
Fjords	1990	3KN3	1	530	1.81	0.78	8	12	0	0	0	0	0	0	0	0	1	0	1	1	0	0	3	1	5
Fjords	1990	3KN3	2	530	2.01	0.85	9	18	1	0	0	0	0	0	0	1	5	0	1	1	0	0	0	7	3
Fjords	1990	3KN4	1	514	2.07	0.83			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fjords	1990	3KN4	2	514	2.26	0.88			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fjords	1990	3KN5	1	369	2.35	0.88	16	44	3	0	1	0	0	0	2	0	0	0	0	1	3	0	10	16	10
Fjords	1990	3KN5	2	372	1.65	0.75	9	28	1	0	0	0	0	0	1	0	0	0	0	0	0	0	13	10	4
Fjords	1990	3KN6	1	190	2.22	0.85	15	33	1	0	0	0	0	0	0	1	0	1	0	2	2	0	18	7	1
Fjords	1990	3KN6	2	190	2.37	0.89	15	24	1	0	0	0	0	0	1	0	0	5	0	0	0	0	3	12	2
Fjords	1990	3LO1	1	202	1.48	0.73	6	8	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	4
Fjords	1990	3LO1	2	194	2.79	0.92	23	48	3	1	1	0	0	0	1	0	2	3	6	2	0	0	12	4	12
Fjords	1990	3LO2	1	290	2.11	0.86	12	28	3	2	0	0	0	0	1	0	2	0	5	0	0	0	3	7	0
Fjords	1990	3LO2	2	246	1.77	0.72	12	30	0	0	0	0	0	0	0	0	2	2	1	1	0	0	2	13	1
Fjords	1990	3LO3	1	267	1.56	0.78	8	9	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	3	0
Fjords	1990	3LO3	2	256	1.55	0.78	6	8	1	1	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0
Fjords	1990	3LO4	1	185	1.61	0.67	10	33	0	0	0	0	0	0	0	0	0	0	4	0	0	0	3	25	1
Fjords	1990	3LO4	2	185	2.65	0.90	25	84	2	0	1	0	0	0	0	1	1	0	20	2	0	1	20	31	5
Fjords	1990	3TH2	1	185	2.79	0.94	18	21	4	2	1	1	0	0	0	0	0	2	1	1	0	0	3	5	4
Fjords	1990	3TH2	2	178	2.35	0.83	29	182	17	7	0	2	0	0	8	0	0	0	20	0	0	0	19	111	15
Fjords	1990	3TO1	1	506	1.83	0.80	9	17	2	1	0	1	0	0	0	0	0	0	3	2	0	0	1	6	0
Fjords	1990	3TO1	2	512	1.33	0.72	5	7	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	2	2
Fjords	1990	3TO2	1	478	2.04	0.85	11	21	3	0	0	0	0	0	3	0	0	0	4	1	0	2	0	8	3
Fjords	1990	3TO2	2	478	1.64	0.69	9	25	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	20	1

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Fjords	1990	3TO3	1	290	2.39	0.85	26	165	6	1	0	0	0	0	0	5	0	0	1	0	0	2	41	105	9
Fjords	1990	3TO3	2	296	2.52	0.87	21	87	0	0	0	0	0	0	0	0	3	0	2	0	0	3	29	42	8
Gorge Harbour	2003	R1	1	15	0.64	0.44	2	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0
Gorge Harbour	2003	R1	2	15	2.86	0.91	14	69	0	0	0	0	0	0	0	0	0	0	0	8	0	0	5	54	0
Gorge Harbour	2003	R1	3	15	1.87	0.72	33	178	0	0	0	0	0	0	0	0	0	0	31	6	0	0	22	116	0
Gorge Harbour	2003	R2	1	22	1.91	0.83	8	14	0	0	0	0	0	0	0	0	0	0	1	6	0	0	5	2	0
Gorge Harbour	2003	R2	2	22	2.33	0.88	13	32	0	0	0	0	0	0	0	0	0	0	8	6	0	0	2	13	0
Gorge Harbour	2003	R2	2	22	2.33	0.88	13	32	0	0	0	0	0	0	0	0	0	0	8	6	0	0	2	13	0
Hecate Strait (1)	1984	A1	1	130	2.91	0.91	38	262	37	29	0	6	2	0	0	0	0	4	100	2	2	0	28	89	0
Hecate Strait (1)	1984	A1	2	130	2.84	0.86	51	308	31	25	4	1	1	0	0	0	0	8	133	6	1	0	17	112	0
Hecate Strait (1)	1984	A1	3	130	2.99	0.90	48	343	34	31	2	1	0	0	0	0	0	5	110	2	1	0	34	157	0
Hecate Strait (1)	1984	A1	4	130	3.06	0.92	43	181	31	25	3	3	0	0	0	0	0	1	48	2	1	0	15	83	0
Hecate Strait (1)	1984	A1	5	130	2.90	0.89	46	286	19	16	1	1	1	0	0	0	0	3	84	4	2	0	16	158	0
Hecate Strait (1)	1984	A2	1	140	3.03	0.92	32	135	15	14	1	0	0	0	0	0	0	1	13	1	4	0	20	81	0
Hecate Strait (1)	1984	A3	1	140	2.93	0.92	25	55	10	8	1	1	0	0	0	0	1	0	6	0	2	0	9	27	0
Hecate Strait (1)	1984	A4	1	140	2.79	0.90	33	136	19	14	2	2	0	0	1	0	0	0	54	1	0	0	3	57	2
Hecate Strait (1)	1984	A5	1	140	2.21	0.77	24	190	19	19	0	0	0	0	0	0	0	2	102	1	0	0	6	60	0
Hecate Strait (1)	1984	A6	1	140	2.99	0.92	38	211	18	14	1	2	1	0	0	0	0	3	56	2	0	0	27	105	0
Hecate Strait (1)	1984	A7	1	140	3.07	0.91	48	211	22	20	1	1	0	0	0	0	0	5	55	1	2	0	9	117	0
Hecate Strait (1)	1984	A7	2	140	2.90	0.89	42	268	32	22	2	1	6	0	1	0	0	11	88	1	0	0	15	121	0
Hecate Strait (1)	1984	A7	3	140	3.02	0.92	38	190	12	8	3	0	1	0	0	0	0	2	37	0	1	0	9	129	0
Hecate Strait (1)	1984	A7	4	140	2.86	0.91	34	182	14	14	0	0	0	0	0	0	0	0	23	0	1	0	8	136	0
Hecate Strait (1)	1984	A7	5	140	2.98	0.92	40	201	14	11	2	1	0	0	0	0	0	0	21	0	1	0	13	152	0
Hecate Strait (1)	1984	B1	1	28	0.95	0.38	12	250	7	7	0	0	0	0	0	0	0	0	197	3	0	0	5	38	0
Hecate Strait (1)	1984	B1	2	28	1.45	0.57	17	226	2	2	0	0	0	0	0	0	0	0	150	0	0	0	59	15	0
Hecate Strait (1)	1984	B1	3	28	1.92	0.73	26	221	7	2	5	0	0	0	0	0	0	0	104	1	0	0	45	63	1
Hecate Strait (1)	1984	B1	4	28	1.16	0.53	15	581	23	23	0	0	0	0	0	0	0	2	381	0	0	0	11	154	10
Hecate Strait (1)	1984	B1	5	28	1.97	0.77	20	164	5	5	0	0	0	0	0	0	0	0	64	0	0	0	29	62	4
Hecate Strait (1)	1984	B2	1	29	0.53	0.18	12	323	7	5	0	2	0	0	0	0	0	0	294	0	0	0	13	9	0
Hecate Strait (1)	1984	B3	1	29	1.18	0.49	20	283	7	6	0	1	0	0	0	0	0	0	197	0	0	0	19	59	1
Hecate Strait (1)	1984	B4	1	29	1.20	0.45	15	358	8	8	0	0	0	0	0	0	0	0	264	26	0	0	50	10	0
Hecate Strait (1)	1984	B5	1	29	1.79	0.64	19	89	0	0	0	0	0	0	0	0	0	0	17	3	1	0	7	60	1
Hecate Strait (1)	1984	B6	1	29	0.98	0.55	12	438	15	12	0	3	0	0	0	0	0	0	200	0	0	0	4	218	1
Hecate Strait (1)	1984	B7	1	29	1.43	0.55	17	273	17	17	0	0	0	0	0	0	0	0	181	1	0	0	29	43	2
Hecate Strait (1)	1984	B7	2	29	2.34	0.83	21	141	6	6	0	0	0	0	0	0	0	0	51	1	0	0	46	20	17
Hecate Strait (1)	1984	B7	3	29	2.15	0.83	18	213	12	12	0	0	0	0	0	0	0	0	63	1	0	0	30	92	15
Hecate Strait (1)	1984	B7	4	29	1.63	0.62	17	277	23	23	0	0	0	0	0	0	0	0	172	1	0	0	50	25	6
Hecate Strait (1)	1984	B7	5	29	1.09	0.40	16	237	1	1	0	0	0	0	0	0	0	0	183	1	0	0	17	28	7
Hecate Strait (1)	1984	C1	1	128	3.19	0.92	61	347	20	20	0	0	0	0	0	0	0	8	141	24	8	0	25	121	0
Hecate Strait (1)	1984	C1	2	128	3.11	0.92	43	146	3	2	0	0	1	0	0	0	0	0	59	9	0	0	9	66	0
Hecate Strait (1)	1984	C1	3	128	3.49	0.95	55	188	19	19	0	0	0	0	0	0	0	3	37	9	1	0	27	92	0
Hecate Strait (1)	1984	C1	4	128	2.41	0.83	41	279	12	11	1	0	0	0	0	0	0	3	78	5	1	0	10	170	0
Hecate Strait (1)	1984	C1	5	128	2.41	0.84	31	182	0	0	0	0	0	0	0	0	0	1	63	2	0	0	14	102	0
Hecate Strait (1)	1984	C2	1	140	3.30	0.94	59	245	36	32	4	0	0	0	0	0	0	5	54	8	0	0	13	129	0
Hecate Strait (1)	1984	C3	1	140	2.56	0.87	27	138	19	16	2	0	1	0	0	0	0	0	32	0	1	0	4	82	0
Hecate Strait (1)	1984	C4	1	140	2.70	0.88	32	119	9	9	0	0	0	0	0	0	0	0	15	0	0	0	10	84	1
Hecate Strait (1)	1984	C5	1	140	3.70	0.96	64	202	21	12	2	0	0	0	7	0	0	7	26	8	5	0	47	80	8
Hecate Strait (1)	1984	C6	1	140	2.75	0.88	40	189	22	20	1	0	1	0	0	0	0	2	0	41	4	0	10	109	0
Hecate Strait (1)	1984	C7	1	148	2.60	0.86	24	58	2	2	0	0	0	0	0	0	0	0	7	1	0	0	6	42	0
Hecate Strait (1)	1984	C7	2	148	2.16	0.82	15	51	0	0	0	0	0	0	0	0	0	0	11	0	0	0	1	39	0
Hecate Strait (1)	1984	C7	3	148	1.51	0.60	7	15	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	13	0
Hecate Strait (1)	1984	C7	4	148	2.44	0.87	14	23	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	18	0

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Hecate Strait (1)	1984	C7	5	148	0.69	0.44	2	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	7	0
Hecate Strait (1)	1984	A1	1	130	3.01	0.92	41	256	31	26	2	2	1	0	0	0	1	8	78	0	0	0	34	104	0
Hecate Strait (1)	1984	A1	2	130	2.74	0.89	34	221	23	20	1	2	0	0	0	0	0	9	85	0	0	0	31	73	0
Hecate Strait (1)	1984	A1	3	130	3.08	0.92	61	589	19	13	1	4	1	0	0	0	0	4	94	3	2	7	67	392	1
Hecate Strait (1)	1984	A1	4	130	3.18	0.93	68	520	43	33	6	2	1	0	1	0	0	6	90	10	5	1	89	276	0
Hecate Strait (1)	1984	A1	5	130	3.27	0.94	48	255	32	27	3	1	1	0	0	0	0	3	23	4	1	3	44	143	2
Hecate Strait (1)	1984	A2	1	145	2.78	0.88	42	237	26	19	0	6	1	0	0	0	0	0	34	2	6	1	85	83	0
Hecate Strait (1)	1984	A3	1	145	2.70	0.89	28	90	5	5	0	0	0	0	0	0	0	0	8	0	5	1	14	57	0
Hecate Strait (1)	1984	A4	1	145	2.80	0.89	37	150	30	13	15	0	2	0	0	0	0	5	50	3	1	0	10	51	0
Hecate Strait (1)	1984	A5	1	145	3.14	0.93	50	294	47	47	0	0	0	0	0	0	1	6	77	3	3	1	26	128	2
Hecate Strait (1)	1984	A6	1	145	3.20	0.92	65	468	40	37	2	0	0	0	1	0	0	8	133	5	1	6	27	248	0
Hecate Strait (1)	1984	A7	1	146	3.04	0.92	48	294	21	19	0	0	2	0	0	0	0	6	61	4	3	2	24	173	0
Hecate Strait (1)	1984	A7	2	146	3.26	0.94	56	465	31	23	5	0	1	2	0	0	0	14	109	9	3	6	16	277	0
Hecate Strait (1)	1984	A7	3	146	3.01	0.90	67	558	34	23	1	0	1	9	0	0	0	7	167	3	10	0	20	317	0
Hecate Strait (1)	1984	A7	4	146	3.20	0.93	61	405	40	35	4	0	1	0	0	0	0	12	98	4	2	1	15	233	0
Hecate Strait (1)	1984	A7	5	146	3.24	0.93	69	520	45	42	2	0	0	0	1	0	1	10	138	1	2	4	22	286	11
Hecate Strait (1)	1984	B1	1	29	1.70	0.69	22	389	3	3	0	0	0	0	0	0	0	0	77	3	0	10	56	232	0
Hecate Strait (1)	1984	B1	2	29	1.31	0.50	20	326	6	5	0	1	0	0	0	0	0	0	227	2	0	3	33	53	1
Hecate Strait (1)	1984	B1	3	29	1.46	0.61	30	421	9	8	0	1	0	0	0	0	1	0	238	2	0	4	14	139	14
Hecate Strait (1)	1984	B1	4	29	2.23	0.80	36	649	44	43	0	1	0	0	0	0	0	0	225	0	0	47	87	233	13
Hecate Strait (1)	1984	B1	5	29	1.62	0.60	21	225	8	8	0	0	0	0	0	0	0	0	140	1	0	4	23	49	0
Hecate Strait (1)	1984	B2	1	28	2.60	0.83	44	372	64	52	0	1	7	0	0	0	0	0	137	2	0	9	66	89	9
Hecate Strait (1)	1984	B3	1	28	1.72	0.67	29	428	15	15	0	0	0	0	0	0	0	0	223	2	0	6	41	138	3
Hecate Strait (1)	1984	B4	1	28	2.72	0.89	39	364	49	33	0	0	0	0	0	0	0	0	53	4	0	1	98	136	39
Hecate Strait (1)	1984	B5	1	28	2.46	0.80	59	490	11	9	0	2	0	0	0	0	0	0	138	16	1	1	72	241	3
Hecate Strait (2)	1984	B7	1	25	1.64	0.68	29	460	17	15	0	2	0	0	0	0	0	0	203	1	0	6	41	191	1
Hecate Strait (2)	1984	B7	2	25	1.07	0.50	17	445	4	2	0	1	0	0	0	0	0	0	92	0	0	10	12	327	1
Hecate Strait (2)	1984	B7	3	25	1.80	0.73	26	557	12	10	0	1	0	0	0	0	0	0	169	1	0	10	49	301	16
Hecate Strait (2)	1984	B7	5	25	1.65	0.61	32	573	10	8	0	1	0	0	0	0	0	0	93	1	0	16	63	387	4
Hecate Strait (2)	1984	C1	1	135	3.40	0.94	61	355	35	23	5	3	3	1	0	0	0	9	50	30	5	2	41	183	0
Hecate Strait (2)	1984	C1	2	135	3.12	0.91	66	371	32	29	2	0	1	0	0	0	0	8	119	24	16	0	10	161	1
Hecate Strait (2)	1984	C1	3	135	2.88	0.88	66	430	4	4	0	0	0	0	0	0	1	10	88	18	21	0	12	274	2
Hecate Strait (2)	1984	C1	4	135	2.99	0.89	60	341	15	10	4	0	0	0	1	0	0	6	109	12	16	2	6	175	0
Hecate Strait (2)	1984	C1	5	135	2.94	0.89	48	186	8	5	1	0	1	0	1	0	0	4	49	2	7	1	7	108	0
Hecate Strait (2)	1984	C2	1	140	3.72	0.96	65	157	5	5	0	0	0	0	0	0	3	2	69	11	1	2	14	42	6
Hecate Strait (2)	1984	C3	1	140	3.12	0.94	35	101	12	11	0	0	1	0	0	0	0	5	23	0	8	0	9	44	0
Hecate Strait (2)	1984	C4	1	140	3.44	0.94	64	253	26	19	4	0	0	0	3	0	0	4	81	3	21	0	18	98	1
Hecate Strait (2)	1984	C5	1	140	3.94	0.97	85	248	19	10	3	5	1	0	0	0	3	18	25	18	18	2	39	66	40
Hecate Strait (2)	1984	C6	1	140	2.88	0.90	50	336	6	3	0	2	1	0	0	0	1	4	97	57	21	1	9	140	0
Hecate Strait (2)	1984	C7	1	146	3.35	0.95	46	129	10	10	0	0	0	0	0	0	0	3	29	1	5	0	8	73	0
Hecate Strait (2)	1984	C7	2	146	3.35	0.94	51	167	11	11	0	0	0	0	0	0	0	1	41	0	5	1	13	95	0
Hecate Strait (2)	1984	C7	3	146	2.96	0.89	55	205	14	14	0	0	0	0	0	0	0	2	53	6	7	0	10	113	0
Hecate Strait (2)	1984	C7	4	146	3.07	0.92	35	72	4	4	0	0	0	0	0	0	0	2	2	1	3	1	7	52	0
Hecate Strait (2)	1984	C7	5	146	3.05	0.90	47	169	17	17	0	0	0	0	0	0	1	5	30	2	4	0	9	101	0
Hecate Strait (2)	1984	A1	1	139	3.02	0.92	36	162	15	13	0	1	1	0	0	0	0	1	14	0	2	0	29	101	0
Hecate Strait (2)	1984	A1	2	139	2.78	0.91	27	140	1	1	0	0	0	0	0	0	0	0	12	0	1	0	18	108	0
Hecate Strait (2)	1984	A1	3	139	2.76	0.90	30	170	2	1	1	0	0	0	0	0	0	1	18	2	0	0	13	134	0
Hecate Strait (2)	1984	A1	4	139	2.80	0.90	47	555	1	0	0	0	1	0	0	0	0	7	95	3	5	0	46	398	0
Hecate Strait (2)	1984	A1	5	139	2.87	0.91	34	236	6	2	2	2	0	0	0	0	0	0	50	2	2	0	22	154	0
Hecate Strait (2)	1984	A2	1	145	3.15	0.94	34	198	5	3	0	2	0	0	0	0	0	0	21	0	0	0	30	142	0
Hecate Strait (2)	1984	A3	1	145	2.06	0.85	6	10	0	0	0	0	0	0	0	0	0	0	3	0	1	0	1	5	0
Hecate Strait (2)	1984	A4	1	145	2.58	0.88	19	64	6	2	1	3	0	0	0	0	0	0	10	0	0	0	3	45	0
Hecate Strait (2)	1984	A5	1	145	2.95	0.93	24	91	11	11	0	0	0	0	0	0	0	4	13	0	5	0	9	49	0
Hecate Strait (2)	1984	A6	1	145	2.77	0.90	28	171	0	0	0	0	0	0	0	0	0	1	19	1	4	0	16	130	0

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Hecate Strait (2)	1984	A7	1	142	3.05	0.92	44	236	4	0	0	4	0	0	0	0	0	8	70	2	2	0	19	131	0
Hecate Strait (2)	1984	A7	2	142	2.98	0.92	31	144	0	0	0	0	0	0	0	0	0	2	23	3	0	0	13	103	0
Hecate Strait (2)	1984	A7	3	142	2.89	0.93	28	213	6	1	5	0	0	0	0	0	0	2	34	0	0	0	31	140	0
Hecate Strait (2)	1984	A7	4	142	2.88	0.91	28	131	1	1	0	0	0	0	0	0	0	0	30	0	0	0	19	81	0
Hecate Strait (2)	1984	A7	5	142	2.56	0.88	21	134	0	0	0	0	0	0	0	0	0	2	40	0	0	0	16	76	0
Hecate Strait (2)	1984	B1	1	36	0.39	0.18	7	385	0	0	0	0	0	0	0	0	0	0	347	0	0	0	6	0	32
Hecate Strait (2)	1984	B1	2	36	1.04	0.45	9	130	0	0	0	0	0	0	0	0	0	0	100	1	0	0	3	6	20
Hecate Strait (2)	1984	B1	3	36	0.57	0.20	10	275	1	0	0	0	1	0	0	0	0	0	257	2	0	0	9	2	4
Hecate Strait (2)	1984	B1	4	36	0.98	0.50	9	290	0	0	0	0	0	0	0	0	0	0	196	2	0	0	3	79	10
Hecate Strait (2)	1984	B1	5	36	1.44	0.57	10	171	0	0	0	0	0	0	0	0	0	0	2	3	0	0	131	23	12
Hecate Strait (3)	1984	B2	1	27	1.15	0.53	18	546	1	1	0	0	0	0	0	0	0	0	356	1	0	0	14	152	21
Hecate Strait (3)	1984	B3	1	27	1.41	0.64	17	405	27	27	0	0	0	0	0	0	0	0	137	2	0	0	16	209	14
Hecate Strait (3)	1984	B4	1	27	1.78	0.70	14	192	3	3	0	0	0	0	0	0	0	0	107	16	0	0	23	33	10
Hecate Strait (3)	1984	B5	1	27	1.86	0.63	19	248	7	0	0	0	1	0	0	0	0	0	24	6	0	0	201	5	11
Hecate Strait (3)	1984	B6	1	27	0.75	0.31	15	462	5	5	0	0	0	0	0	0	0	0	388	0	0	0	5	59	5
Hecate Strait (3)	1984	B7	1	27	0.77	0.28	11	389	2	2	0	0	0	0	0	0	0	0	349	1	0	0	5	26	6
Hecate Strait (3)	1984	B7	2	27	1.38	0.61	14	295	3	2	0	1	0	0	0	0	0	0	177	0	0	0	6	94	15
Hecate Strait (3)	1984	B7	3	27	1.58	0.65	15	275	33	33	0	0	0	0	0	0	0	0	162	0	1	0	6	51	22
Hecate Strait (3)	1984	B7	4	27	1.49	0.65	15	330	13	13	0	0	0	0	0	0	0	0	172	0	0	0	20	114	11
Hecate Strait (3)	1984	B7	5	27	1.43	0.65	19	540	8	8	0	0	0	0	0	0	0	0	245	0	0	0	21	231	35
Hecate Strait (3)	1984	C1	1	130	2.91	0.90	44	324	4	0	0	1	2	0	1	0	0	2	89	4	6	0	13	206	0
Hecate Strait (3)	1984	C1	2	130	3.56	0.95	49	161	4	4	0	0	0	0	0	0	0	2	13	0	3	0	15	124	0
Hecate Strait (3)	1984	C1	3	130	3.02	0.89	50	417	0	0	0	0	0	0	0	0	0	8	52	2	25	0	24	306	0
Hecate Strait (3)	1984	C1	4	130	2.90	0.88	45	324	2	0	1	0	1	0	0	0	0	5	37	5	19	0	24	232	0
Hecate Strait (3)	1984	C1	5	130	3.90	0.97	62	265	26	21	1	0	2	0	2	0	0	5	48	6	1	0	34	145	0
Hecate Strait (3)	1984	C2	1	145	3.19	0.94	32	109	3	3	0	0	0	0	0	0	0	3	21	8	9	0	17	48	0
Hecate Strait (3)	1984	C3	1	145	2.78	0.89	28	129	19	17	2	0	0	0	0	0	0	3	40	0	2	0	4	61	0
Hecate Strait (3)	1984	C4	1	145	2.58	0.85	23	87	8	7	1	0	0	0	0	0	0	2	0	0	9	0	7	61	0
Hecate Strait (3)	1984	C5	1	145	3.97	0.97	72	265	14	7	1	1	5	0	0	0	0	3	35	2	2	0	40	165	0
Hecate Strait (3)	1984	C6	1	145	3.16	0.93	27	82	3	0	0	0	3	0	0	0	0	5	0	4	7	0	3	60	0
Hecate Strait (3)	1984	C7	1	148	3.10	0.93	31	100	5	5	0	0	0	0	0	0	0	0	17	0	1	0	11	66	0
Hecate Strait (3)	1984	C7	2	148	3.14	0.92	40	168	14	11	2	0	0	0	1	0	0	0	57	1	6	0	10	80	0
Hecate Strait (3)	1984	C7	3	148	2.96	0.89	39	124	10	8	0	0	0	0	2	0	0	2	45	1	3	0	7	56	0
Hecate Strait (3)	1984	C7	4	148	3.19	0.93	35	156	7	6	1	0	0	0	0	0	0	1	31	2	9	0	7	99	0
Hecate Strait (3)	1984	C7	5	148	2.50	0.88	17	64	8	8	0	0	0	0	0	0	0	0	5	0	1	0	2	48	0
Hecate Strait (3)	1984	D1	1	95	2.76	0.92	15	42	0	0	0	0	0	0	0	0	0	0	21	5	0	0	0	16	0
Hecate Strait (3)	1984	D1	2	95	2.70	0.88	25	92	4	3	0	1	0	0	0	0	0	2	38	1	6	0	4	36	1
Hecate Strait (3)	1984	D1	3	95	2.50	0.83	19	63	4	2	0	2	0	0	0	0	0	1	33	3	1	0	1	20	0
Hecate Strait (3)	1984	D1	4	95	3.05	0.92	22	59	2	1	0	0	1	0	0	0	0	0	24	3	2	0	7	21	0
Hecate Strait (3)	1984	D1	5	95	2.93	0.90	33	146	7	3	0	4	0	0	0	0	0	0	45	3	0	0	5	86	0
Hecate Strait (3)	1984	D2	1	65	2.62	0.87	23	114	55	55	0	0	0	0	0	0	0	1	28	6	0	0	8	16	0
Hecate Strait (3)	1984	D3	1	65	3.69	0.96	41	114	5	4	0	0	1	0	0	0	0	4	7	4	0	0	49	34	3
Hecate Strait (3)	1984	D4	1	65	4.24	0.98	73	235	46	41	1	2	0	1	1	0	0	11	46	12	0	0	37	78	5
Hecate Strait (3)	1984	D5	1	65	2.61	0.86	25	122	37	33	0	4	0	0	0	0	0	0	20	14	0	0	11	38	0
Hecate Strait (3)	1984	D6	1	65	2.61	0.87	23	87	12	8	0	4	0	0	0	0	0	1	37	9	1	0	4	23	0
Hecate Strait (3)	1984	D7	1	75	2.51	0.86	17	70	12	12	0	0	0	0	0	0	0	1	28	4	0	0	7	18	0
Hecate Strait (3)	1984	D7	2	75	2.41	0.84	20	113	18	18	0	0	0	0	0	0	0	1	46	3	0	0	6	39	0
Hecate Strait (3)	1984	D7	3	75	2.42	0.85	21	121	41	39	0	2	0	0	0	0	0	0	47	5	0	0	6	22	0
Hecate Strait (3)	1984	D7	4	75	2.25	0.83	15	81	10	10	0	0	0	0	0	0	1	0	41	2	1	0	0	26	0
Hecate Strait (3)	1984	D7	5	75	2.61	0.91	13	25	6	6	0	0	0	0	0	0	0	0	5	3	0	0	3	8	0
Manley Landing	2001	100s	1	10	3.16	0.92	51	216	61	48	1	0	2	0	7	0	1	3	29	13	0	4	27	63	6
Manley Landing	2001	1015N	1	10	3.07	0.94	28	62	15	4	0	0	0	0	11	0	0	1	20	3	0	0	9	11	0
Manley Landing	2001	1015S	1	10	3.29	0.93	54	186	38	19	0	0	0	0	14	5	0	1	36	9	0	0	20	45	2

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Manley Landing	2001	1030N	1	10	3.26	0.94	42	134	23	11	1	0	0	0	11	0	0	0	29	4	0	2	11	61	2
Manley Landing	2001	1030S	1	10	3.39	0.94	55	199	27	7	0	2	1	0	17	0	0	0	51	43	0	7	23	38	4
Manley Landing	2001	180s	1	18	3.80	0.97	66	239	32	10	0	0	1	0	11	0	0	6	40	4	3	11	15	100	16
Manley Landing	2001	1815N	1	18	3.71	0.96	75	277	50	25	0	5	0	0	6	14	0	18	41	6	0	5	35	72	8
Manley Landing	2001	1830N	1	18	3.59	0.94	136	784	135	83	0	7	0	0	28	13	1	7	54	13	3	14	47	206	9
Manley Landing	2001	1830S	1	18	3.95	0.97	78	228	43	32	0	1	0	0	4	5	0	23	44	8	1	8	15	61	9
Manley Landing	2001	250s	1	25	4.21	0.98	99	284	42	22	0	1	1	0	9	9	0	11	50	32	1	8	43	89	4
Manley Landing	2001	2515N	1	25	3.43	0.95	54	161	13	2	0	0	0	0	9	1	0	14	57	8	1	0	21	23	1
Manley Landing	2001	2515S	1	25	4.13	0.98	98	281	42	28	2	4	0	0	6	2	0	17	63	10	2	4	39	81	6
Manley Landing	2001	2530N	1	25	3.96	0.97	87	385	62	19	0	0	0	0	18	19	0	10	92	9	4	12	33	126	17
Manley Landing	2001	2530S	1	25	3.56	0.96	60	231	17	2	0	0	1	0	14	0	0	5	49	20	2	4	37	56	5
Manley Landing	2001	50s	1	5	3.20	0.94	42	145	36	27	0	1	0	0	6	2	0	0	40	13	0	0	12	41	0
Manley Landing	2001	515N	1	5	3.22	0.94	46	245	48	35	0	0	0	0	12	1	0	2	65	12	0	0	23	70	2
Manley Landing	2001	515S	1	5	3.42	0.95	60	335	80	55	1	3	0	0	17	4	0	1	73	36	0	3	40	58	2
Manley Landing	2001	530N	1	5	3.20	0.92	68	454	239	224	0	2	2	0	3	7	1	0	43	34	0	2	65	36	3
Manley Landing	2001	530S	1	5	3.15	0.93	51	324	58	48	0	0	0	0	10	0	0	2	120	19	0	4	21	82	2
Ambient SoG	2003	2	1	85	2.36	0.75	36	151	11	8	2	0	0	0	1	0	0	0	46	21	3	0	12	56	2
Ambient SoG	2003	2	1	85	2.93	0.92	36	151	11	8	2	0	0	0	1	0	0	0	46	21	3	0	12	56	2
Ambient SoG	2003	2	2	85	1.96	0.63	47	228	7	5	0	0	0	0	2	0	0	0	112	34	5	0	11	57	2
Ambient SoG	2003	2	2	85	2.92	0.89	47	228	7	5	0	0	0	0	2	0	0	0	112	34	5	0	11	57	2
Ambient SoG	2003	2	3	85	2.89	0.87	52	315	8	7	1	0	0	0	0	0	1	0	144	13	4	1	35	103	2
Ambient SoG	2003	2	3	85	2.92	0.86	52	315	8	7	1	0	0	0	0	0	1	0	144	13	4	1	35	103	2
Ambient SoG	2003	2	1	136	2.36	0.75	36	151	11	8	2	0	0	0	1	0	0	0	46	21	3	0	12	56	2
Ambient SoG	2003	2	1	136	2.93	0.92	36	151	11	8	2	0	0	0	1	0	0	0	46	21	3	0	12	56	2
Ambient SoG	2003	2	2	136	1.96	0.63	47	228	7	5	0	0	0	0	2	0	0	0	112	34	5	0	11	57	2
Ambient SoG	2003	2	2	136	2.92	0.89	47	228	7	5	0	0	0	0	2	0	0	0	112	34	5	0	11	57	2
Ambient SoG	2003	2	3	136	2.89	0.87	52	315	8	7	1	0	0	0	0	0	1	0	144	13	4	1	35	103	2
Ambient SoG	2003	2	3	136	2.92	0.86	52	315	8	7	1	0	0	0	0	0	1	0	144	13	4	1	35	103	2
Ambient SoG	2004	1	1	170	1.82	0.82	7	13	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4	2	2
Ambient SoG	2004	1	2	170	2.46	0.91	12	13	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5	5	1
Ambient SoG	2004	1	3	170	2.03	0.84	9	15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	5	2	1
Ambient SoG	2004	7	1	240	3.23	0.94	53	264	7	1	0	2	1	0	3	0	13	0	25	2	5	3	26	175	6
Ambient SoG	2004	7	2	240	3.39	0.94	59	215	25	1	3	1	0	0	20	0	26	2	41	1	3	1	44	65	4
Ambient SoG	2004	7	3	240	3.28	0.93	53	221	14	3	1	1	0	0	8	1	29	2	53	3	3	0	39	74	0
Ambient SoG	2006	5	1	366	3.27	0.95	36	74	2	2	0	0	0	0	0	0	9	2	2	0	3	1	11	29	15
Ambient SoG	2006	5	2	366	3.20	0.92	39	93	4	4	0	0	0	0	0	0	5	2	4	0	7	1	11	49	9
Ambient SoG	2006	5	3	366	3.18	0.94	34	84	3	1	1	0	1	0	0	0	9	1	4	2	1	0	22	30	12
Ambient SoG	2006	6	1	186	2.60	0.85	60	670	270	15	178	6	1	0	70	0	0	5	181	30	12	2	35	128	7
Ambient SoG	2006	6	2	186	2.26	0.76	45	570	318	15	263	1	0	0	39	0	1	1	110	20	7	4	25	79	4
Ambient SoG	2006	6	3	186	2.45	0.80	53	508	249	13	206	1	0	0	29	0	4	1	90	39	14	0	35	68	8
Ambient SoG	2007	9	1	365	2.12	0.78	17	57	3	3	0	0	0	0	0	0	2	0	0	0	1	4	6	40	1
Ambient SoG	2007	9	2	365	1.50	0.50	23	101	0	0	0	0	0	0	0	0	4	0	1	0	1	0	9	83	3
Ambient SoG	2007	9	3	365	1.94	0.67	22	69	0	0	0	0	0	0	0	0	4	0	2	0	1	3	8	48	2
Ambient SoG	2007	10	2	309	2.45	0.85	18	38	2	2	0	0	0	0	0	0	2	0	4	0	0	1	4	19	5
Ambient SoG	2007	10	1	309	2.48	0.86	17	28	1	1	0	0	0	0	0	0	1	0	1	0	0	0	8	13	2
Ambient SoG	2007	10	3	309	2.49	0.89	16	31	1	1	0	0	0	0	0	0	2	0	4	1	1	0	6	10	6
Iona	2000	1	1	80	2.54	0.86	44	528	13	6	2	0	0	0	5	0	2	0	372	25	0	4	41	64	7
Iona	2000	1	2	80	2.95	0.92	45	387	13	4	6	0	0	0	2	1	0	11	228	33	0	3	34	58	7
Iona	2000	1	3	80	2.55	0.86	39	485	3	2	1	0	0	0	0	0	0	12	337	33	0	0	37	60	3
Iona	2000	2	1	80	2.57	0.85	40	561	12	6	1	0	0	0	5	0	0	49	361	18	0	2	37	71	11
Iona	2000	2	2	80	2.63	0.86	48	572	27	18	5	0	0	0	4	0	1	37	383	12	0	0	32	73	7
Iona	2000	2	3	80	2.41	0.82	41	471	19	13	4	0	0	0	2	0	0	30	311	11	1	0	38	61	0

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Iona	2000	12	1	80	2.58	0.83	49	496	20	15	3	2	0	0	0	0	2	43	281	14	1	0	39	86	6
Iona	2000	12	2	80	2.80	0.88	41	263	26	24	2	0	0	0	0	0	1	29	114	1	1	0	30	59	2
Iona	2000	12	3	80	2.25	0.78	33	339	15	15	0	0	0	0	0	0	0	33	214	12	1	0	25	38	1
Iona	2000	13	1	80	2.73	0.90	26	95	2	1	0	1	0	0	0	0	4	17	35	0	0	0	13	23	1
Iona	2000	13	2	80	2.74	0.88	32	144	7	5	1	1	0	0	0	0	9	11	59	0	0	0	30	28	0
Iona	2000	13	3	80	2.11	0.79	23	154	0	0	0	0	0	0	0	0	0	27	78	1	0	0	17	31	0
Iona	2000	14	1	80	2.27	0.78	28	146	6	6	0	0	0	0	0	0	9	9	86	6	0	0	15	13	2
Iona	2000	14	2	80	2.11	0.77	20	91	0	0	0	0	0	0	0	0	6	12	52	0	0	0	6	15	0
Iona	2000	14	3	80	2.51	0.89	18	59	2	1	0	1	0	0	0	0	10	7	21	0	0	2	10	7	0
Iona	2000	15	1	80	2.48	0.83	43	436	41	27	6	0	0	0	8	0	6	37	236	6	2	0	19	87	2
Iona	2000	15	2	80	2.32	0.83	28	252	25	23	0	2	0	0	0	0	6	28	133	0	1	0	31	25	3
Iona	2000	15	3	80	2.88	0.90	47	387	35	28	1	2	0	0	4	0	5	24	155	4	0	1	40	119	4
Iona	2000	16	1	80	2.96	0.90	57	660	55	33	1	0	0	0	18	3	2	36	349	22	9	6	46	126	9
Iona	2000	16	2	80	2.87	0.88	58	708	48	26	2	2	0	0	16	2	4	48	365	38	4	0	57	139	5
Iona	2000	16	3	80	3.06	0.92	49	366	40	32	1	2	0	0	5	0	1	48	131	11	0	2	46	82	5
Iona	2001	1	1	80	3.29	0.91	120	1156	33	7	1	0	1	0	23	1	1	9	606	45	0	2	134	261	13
Iona	2001	1	2	80	3.31	0.91	99	973	9	1	0	0	0	0	8	0	0	20	446	26	2	5	138	303	13
Iona	2001	1	3	80	3.21	0.91	92	830	14	4	0	0	0	0	10	0	1	16	437	28	1	2	88	220	9
Iona	2001	2	1	80	2.82	0.85	85	1180	17	6	1	0	0	0	10	0	1	34	700	18	2	3	94	233	10
Iona	2001	2	2	80	2.73	0.84	99	1689	17	5	2	0	0	0	6	4	3	28	741	30	0	3	136	312	5
Iona	2001	2	3	80	2.90	0.84	94	1016	23	9	2	1	0	0	10	1	0	31	602	24	2	2	68	227	9
Iona	2001	12	1	80	2.66	0.78	80	927	46	33	1	2	0	0	10	0	1	47	558	14	3	2	67	150	6
Iona	2001	12	2	80	2.33	0.73	82	954	29	19	5	2	1	0	2	0	2	32	661	24	2	3	50	89	3
Iona	2001	12	3	80	2.27	0.70	82	965	24	16	5	0	0	0	3	0	2	54	700	15	7	2	33	120	1
Iona	2001	13	1	80	2.82	0.85	65	612	39	22	7	2	0	0	5	3	6	10	270	10	0	2	55	161	0
Iona	2001	13	2	80	2.56	0.78	69	709	36	23	2	0	0	0	10	1	1	33	399	9	2	2	42	178	5
Iona	2001	13	3	80	2.85	0.81	82	496	29	18	5	1	0	0	4	1	4	19	274	6	1	5	39	110	2
Iona	2001	14	1	80	2.69	0.82	54	350	15	6	3	2	0	0	3	1	5	27	191	5	0	1	23	83	0
Iona	2001	14	2	80	2.41	0.80	48	404	12	11	0	0	0	0	1	0	7	17	101	2	1	1	24	77	0
Iona	2001	14	3	80	2.75	0.86	67	722	29	14	5	0	0	0	8	2	4	20	268	7	1	4	34	193	3
Iona	2001	15	1	80	2.41	0.81	81	1466	58	34	3	0	0	0	21	0	2	27	543	17	3	2	40	299	5
Iona	2001	15	2	80	2.45	0.77	68	899	46	16	1	1	0	0	26	2	3	14	563	13	8	0	40	204	0
Iona	2001	15	3	80	2.41	0.82	81	1353	55	18	1	0	0	0	34	2	2	17	592	11	14	1	37	268	3
Iona	2001	16	1	80	2.81	0.85	87	1943	61	41	0	1	0	0	11	8	5	35	957	93	9	6	68	509	7
Iona	2001	16	2	80	2.24	0.70	91	1574	88	39	2	4	0	0	40	3	3	44	1158	68	10	2	73	118	5
Iona	2001	16	3	80	2.56	0.77	86	1794	152	66	6	0	0	0	63	17	3	47	1190	74	13	2	102	197	7
Iona	2002	1	1	80	3.29	0.93	93	1185	22	6	1	0	0	0	15	0	0	33	669	22	2	5	178	216	22
Iona	2002	1	2	80	3.17	0.91	81	688	17	8	0	0	2	0	7	0	0	39	410	15	0	2	84	105	7
Iona	2002	1	3	80	3.32	0.93	87	1049	20	4	0	0	1	0	15	0	0	49	558	18	0	4	148	213	25
Iona	2002	2	1	80	2.68	0.79	82	1276	11	2	3	0	1	0	5	0	0	46	834	17	0	3	82	274	7
Iona	2002	2	2	80	2.85	0.87	85	1093	9	5	1	0	0	0	3	0	2	100	719	20	1	1	73	158	3
Iona	2002	2	3	80	2.96	0.87	90	1397	15	7	1	0	0	0	7	0	1	52	866	19	6	2	129	302	5
Iona	2002	12	1	80	2.76	0.86	77	1026	47	31	2	0	0	0	14	0	3	66	654	21	2	3	54	166	4
Iona	2002	12	2	80	2.69	0.85	83	1403	69	49	4	3	0	0	12	1	5	133	902	36	6	0	53	181	3
Iona	2002	12	3	80	2.75	0.84	78	1073	53	35	2	3	0	0	13	0	0	141	609	25	8	1	38	183	11
Iona	2002	13	1	80	2.78	0.85	71	826	28	23	2	0	0	0	3	0	9	49	483	2	6	4	66	171	7
Iona	2002	13	2	80	2.71	0.86	57	641	26	14	7	0	0	0	5	0	7	25	385	1	1	0	49	135	12
Iona	2002	13	3	80	2.97	0.87	65	414	33	27	1	1	0	0	4	0	5	21	222	3	4	1	33	88	4
Iona	2002	14	1	80	2.60	0.84	53	444	16	10	3	0	0	0	3	0	7	18	295	7	5	0	29	61	1
Iona	2002	14	2	80	2.68	0.86	54	345	16	8	5	0	0	0	2	1	6	20	218	7	2	0	22	52	2
Iona	2002	14	3	80	2.72	0.84	51	490	17	9	0	0	0	0	7	1	12	36	294	9	0	1	38	80	1
Iona	2002	15	1	80	2.86	0.88	82	1015	85	18	4	1	0	0	62	0	9	28	605	14	14	3	38	196	7
Iona	2002	15	2	80	2.73	0.87	76	1062	90	20	3	1	0	0	65	1	4	42	692	23	11	3	39	149	2
Iona	2002	15	3	80	2.61	0.83	66	1039	98	23	3	1	0	0	68	3	5	48	637	17	8	0	38	185	1

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Iona	2002	16	1	80	2.88	0.86	82	1423	65	25	4	1	0	0	33	2	1	31	841	29	4	2	63	358	7
Iona	2002	16	2	80	2.84	0.89	85	1827	115	27	4	1	0	0	80	3	2	37	1150	96	7	2	45	322	5
Iona	2002	16	3	80	2.58	0.84	77	1789	83	27	2	0	0	0	52	2	3	52	1261	107	7	2	52	177	6
Iona	2003	1	1	80	2.80	0.82	80	964	9	2	1	0	0	0	6	0	4	31	573	22	1	2	88	213	12
Iona	2003	1	2	80	2.90	0.85	72	845	13	3	2	0	0	0	7	1	0	56	514	28	1	5	43	171	10
Iona	2003	1	3	80	2.85	0.83	78	1044	12	3	0	0	0	0	9	0	5	41	623	32	1	3	73	236	12
Iona	2003	2	1	80	2.57	0.76	76	981	7	2	0	0	0	0	5	0	3	37	639	25	4	0	55	200	9
Iona	2003	2	2	80	2.71	0.77	90	1160	20	13	1	0	0	0	5	1	3	51	728	22	8	0	85	233	4
Iona	2003	2	3	80	2.40	0.71	79	1105	6	3	0	0	0	0	2	1	2	53	735	14	6	3	69	211	3
Iona	2003	12	1	80	2.31	0.71	72	1161	58	36	1	1	0	0	20	0	1	109	786	31	22	1	28	108	7
Iona	2003	12	2	80	1.95	0.62	68	1291	53	41	0	3	0	0	9	0	3	175	888	19	17	0	38	90	3
Iona	2003	12	3	80	2.17	0.71	56	932	62	39	4	0	0	0	19	0	1	121	626	26	13	0	23	50	8
Iona	2003	13	1	80	2.12	0.64	61	613	24	18	2	0	0	0	4	0	9	11	433	13	4	1	27	85	1
Iona	2003	13	2	80	3.07	0.93	31	72	7	5	0	2	0	0	0	0	2	3	18	1	1	0	14	26	0
Iona	2003	13	3	80	2.40	0.74	56	504	18	12	1	0	0	0	5	0	9	28	290	9	4	0	41	104	1
Iona	2003	14	1	80	2.37	0.77	45	369	14	9	2	0	0	0	3	0	6	47	201	6	2	1	24	63	4
Iona	2003	14	2	80	2.72	0.84	51	279	11	7	1	0	0	0	3	0	8	44	126	4	2	0	34	48	1
Iona	2003	14	3	80	2.66	0.81	49	267	14	7	1	0	0	0	5	1	9	16	142	5	4	1	38	38	0
Iona	2003	15	1	80	2.49	0.76	74	1204	107	38	6	0	1	0	62	0	8	59	713	9	21	1	38	234	9
Iona	2003	15	2	80	2.46	0.75	79	1367	70	25	7	1	0	0	37	0	10	69	814	10	12	1	46	332	2
Iona	2003	15	3	80	2.59	0.78	61	626	56	20	3	2	0	0	31	0	6	19	360	7	12	2	33	126	3
Iona	2003	16	1	120	2.64	0.82	73	1123	65	13	4	0	0	0	47	1	5	22	700	103	8	0	17	185	8
Iona	2003	16	2	120	3.08	0.90	82	1357	98	24	3	0	0	0	69	2	0	21	627	106	18	8	34	423	10
Iona	2003	16	3	120	2.79	0.84	77	1385	94	21	3	1	0	0	68	1	3	21	792	79	18	3	27	335	5
Iona	2003	16	1	60	2.64	0.82	73	1123	65	13	4	0	0	0	47	1	5	22	700	103	8	0	17	185	8
Iona	2003	16	1	80	2.64	0.82	73	1123	65	13	4	0	0	0	47	1	5	22	700	103	8	0	17	185	8
Iona	2003	16	2	60	3.08	0.90	82	1357	98	24	3	0	0	0	69	2	0	21	627	106	18	8	34	423	10
Iona	2003	16	2	80	3.08	0.90	82	1357	98	24	3	0	0	0	69	2	0	21	627	106	18	8	34	423	10
Iona	2003	16	3	60	2.79	0.84	77	1385	94	21	3	1	0	0	68	1	3	21	792	79	18	3	27	335	5
Iona	2003	16	3	80	2.79	0.84	77	1385	94	21	3	1	0	0	68	1	3	21	792	79	18	3	27	335	5
Iona	2003	16	1	100	2.64	0.82	73	1123	65	13	4	0	0	0	47	1	5	22	700	103	8	0	17	185	8
Iona	2003	16	2	100	3.08	0.90	82	1357	98	24	3	0	0	0	69	2	0	21	627	106	18	8	34	423	10
Iona	2003	16	3	100	2.79	0.84	77	1385	94	21	3	1	0	0	68	1	3	21	792	79	18	3	27	335	5
Iona	2003	16-100	1	100	2.97	0.88	80	1007	42	15	4	4	0	0	16	3	4	27	613	37	6	3	45	205	4
Iona	2003	16-100	2	100	2.85	0.87	78	1205	54	18	8	3	0	0	23	2	7	10	734	34	4	1	36	285	4
Iona	2003	16-100	3	100	2.80	0.86	66	687	42	20	4	0	0	0	18	0	8	23	441	16	2	1	40	103	2
Iona	2003	16-120	1	120	3.01	0.89	73	875	72	23	13	6	0	0	30	0	5	17	481	33	1	2	32	201	4
Iona	2003	16-120	2	120	2.97	0.89	70	791	68	24	16	3	0	0	25	0	9	10	469	26	2	1	25	163	0
Iona	2003	16-120	3	120	3.07	0.91	62	756	74	30	12	2	0	0	30	0	6	15	400	28	1	4	28	171	0
Iona	2003	16-60	1	60	2.65	0.82	84	1989	121	29	0	0	0	0	92	0	2	8	1008	89	14	4	69	665	8
Iona	2003	16-60	2	60	2.71	0.84	77	2077	114	37	2	0	0	0	74	1	3	4	932	72	16	15	91	826	2
Iona	2003	16-60	3	60	2.75	0.85	83	1730	117	37	0	0	0	0	80	0	0	8	774	51	14	5	75	679	1
Iona	2004	1	1	80	2.74	0.83	80	955	7	0	0	0	1	0	6	0	4	15	686	38	4	2	94	87	11
Iona	2004	1	2	80	2.70	0.81	81	914	11	2	0	1	1	0	7	0	2	46	641	16	3	3	105	81	3
Iona	2004	1	3	80	2.20	0.75	60	762	3	1	0	0	1	0	1	0	1	10	640	32	6	1	32	31	5
Iona	2004	2	3	80	2.49	0.78	69	985	7	3	0	1	0	0	3	0	0	30	670	7	8	0	64	193	1
Iona	2004	2	4	80	2.56	0.78	74	1065	12	6	0	0	0	0	6	0	1	38	733	40	9	1	83	137	1
Iona	2004	2	5	80	2.86	0.86	74	899	1	0	0	0	0	0	1	0	1	34	583	26	1	1	68	180	2
Iona	2004	12	1	80	2.15	0.70	71	1345	26	20	1	0	0	0	5	0	1	49	1009	23	10	2	44	173	5
Iona	2004	12	2	80	2.36	0.75	74	1180	26	18	0	0	0	0	8	0	1	73	821	31	26	3	25	158	6
Iona	2004	12	3	80	2.51	0.79	77	1241	44	32	1	2	0	0	9	0	2	65	845	27	29	1	49	169	3
Iona	2004	13	1	80	2.28	0.77	59	686	20	6	4	2	1	0	7	0	9	5	507	9	10	0	32	92	0
Iona	2004	13	2	80	2.05	0.71	58	711	13	11	2	0	0	0	0	0	5	20	561	8	7	2	24	64	3
Iona	2004	13	3	80	2.54	0.80	77	851	18	12	0	2	0	0	4	0	6	7	547	6	10	1	58	192	3

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Iona	2004	14	1	80	2.92	0.88	55	419	17	9	4	0	0	0	3	1	7	12	203	4	6	2	39	126	1
Iona	2004	14	2	80	2.21	0.75	56	510	7	5	1	0	0	0	1	0	6	20	366	0	3	1	36	69	1
Iona	2004	14	3	80	2.21	0.77	51	425	9	4	0	0	0	0	4	1	6	16	304	4	7	1	24	52	1
Iona	2004	15	1	80	2.25	0.75	80	1349	46	19	3	4	0	0	20	0	10	34	961	18	22	1	28	219	5
Iona	2004	15	2	80	2.43	0.80	69	897	36	15	2	0	0	0	19	0	7	17	598	6	6	2	39	179	5
Iona	2004	15	3	80	2.59	0.82	82	1713	71	31	2	2	0	0	33	3	5	26	1044	20	18	2	54	456	3
Iona	2004	16	1	80	2.68	0.87	81	2451	85	12	5	1	0	0	62	5	2	4	1297	106	26	3	60	836	18
Iona	2004	16	2	80	2.54	0.85	73	2154	65	30	2	0	0	0	31	2	4	2	1243	105	20	1	37	653	10
Iona	2004	16	3	80	2.68	0.87	87	2624	87	23	3	0	0	0	59	2	6	3	1208	126	29	2	62	1078	6
Iona	2005	1	1	80	2.98	0.89	86	1248	12	7	1	1	1	0	2	0	3	54	628	27	7	6	111	384	9
Iona	2005	1	2	80	2.79	0.87	81	1195	6	0	0	1	1	0	4	0	2	20	709	21	3	1	83	337	8
Iona	2005	1	3	80	2.63	0.85	74	1173	3	0	1	0	0	0	2	0	2	37	718	28	5	0	77	293	5
Iona	2005	2	1	80	2.45	0.77	65	893	5	2	0	0	0	0	3	0	1	22	607	22	4	2	80	148	1
Iona	2005	2	2	80	2.78	0.85	74	1094	5	4	0	1	0	0	0	0	0	31	553	28	0	2	107	368	0
Iona	2005	2	3	80	2.69	0.82	85	1390	6	1	0	1	0	0	4	0	0	4	784	38	5	1	98	445	2
Iona	2005	12	1	80	2.78	0.83	79	1314	19	11	0	4	0	0	4	0	3	81	693	36	26	2	75	356	1
Iona	2005	12	2	80	2.59	0.79	80	1205	18	13	0	1	0	0	4	0	6	59	693	20	19	0	61	319	4
Iona	2005	12	3	80	2.64	0.81	77	1043	15	11	0	3	0	0	1	0	5	30	625	38	30	3	40	251	2
Iona	2005	13	1	80	2.48	0.77	75	881	5	3	0	1	0	0	1	0	17	7	537	13	25	7	48	216	6
Iona	2005	13	2	80	2.18	0.71	65	878	8	7	0	0	0	0	1	0	21	13	621	12	19	4	34	143	2
Iona	2005	13	3	80	2.48	0.79	70	1073	14	7	2	0	0	0	5	0	20	3	650	4	21	6	57	284	2
Iona	2005	14	1	80	2.68	0.85	61	625	7	6	0	0	0	0	1	0	47	7	357	5	13	2	48	134	3
Iona	2005	14	2	80	2.69	0.82	63	784	10	5	5	0	0	0	0	0	49	22	422	8	16	5	56	188	4
Iona	2005	14	3	80	2.50	0.78	63	724	7	3	0	2	1	0	1	0	55	19	440	4	15	10	33	132	1
Iona	2005	15	1	80	2.61	0.86	74	1659	65	25	3	14	0	0	23	0	7	36	829	11	10	3	65	624	3
Iona	2005	15	2	80	2.49	0.84	71	1266	38	24	0	1	1	0	11	1	5	23	701	4	11	2	53	425	2
Iona	2005	15	3	80	2.54	0.84	82	1520	53	23	5	4	0	0	21	0	3	15	833	6	17	13	70	495	6
Iona	2005	16	1	80	2.58	0.86	86	2878	73	23	1	0	0	0	49	0	1	2	1213	120	19	11	80	1277	4
Iona	2005	16	2	80	2.51	0.86	81	2638	80	24	2	1	1	0	51	1	3	1	1391	110	20	5	70	915	5
Iona	2005	16	3	80	2.46	0.84	83	2760	47	17	0	3	0	0	27	0	0	7	1151	99	21	10	76	1315	8
Iona	2006	1	1	80	2.70	0.86	77	1142	9	6	0	0	1	0	2	0	0	56	678	30	3	0	77	269	11
Iona	2006	1	2	80	2.52	0.83	73	1072	2	0	1	0	0	0	1	0	0	32	691	24	3	2	70	241	6
Iona	2006	1	3	80	2.71	0.86	69	1163	5	1	0	1	0	0	3	0	0	35	667	25	4	3	89	320	14
Iona	2006	2	1	80	2.40	0.78	68	1050	4	1	0	0	0	0	3	0	0	25	722	34	9	1	82	170	1
Iona	2006	2	2	80	2.61	0.83	67	1227	9	2	0	0	0	0	7	0	0	34	774	36	10	7	65	289	1
Iona	2006	2	3	80	2.64	0.81	80	1104	6	2	0	1	0	0	3	0	3	27	732	30	9	5	87	201	2
Iona	2006	12	1	80	2.49	0.79	66	979	12	8	0	2	0	0	2	0	3	105	622	56	21	2	34	122	2
Iona	2006	12	2	80	2.51	0.81	65	1024	5	4	0	1	0	0	0	0	2	50	641	50	34	1	40	192	3
Iona	2006	12	3	80	2.43	0.80	67	1167	15	12	0	1	0	0	2	0	3	158	705	23	24	2	37	195	2
Iona	2006	13	1	80	2.42	0.79	60	720	0	0	0	0	0	0	0	0	14	50	460	13	25	1	38	115	2
Iona	2006	13	2	80	2.54	0.82	60	601	4	3	1	0	0	0	0	0	9	47	341	5	8	0	43	144	0
Iona	2006	13	3	80	2.47	0.78	74	898	14	5	6	0	0	0	2	1	6	72	550	17	21	1	44	168	1
Iona	2006	14	1	80	2.82	0.87	50	411	9	7	0	0	0	0	2	0	30	10	200	6	2	1	46	105	2
Iona	2006	14	2	80	2.41	0.80	46	429	2	1	1	0	0	0	0	0	49	25	261	6	4	2	31	45	0
Iona	2006	14	3	80	2.79	0.85	55	402	15	8	4	1	0	0	2	0	38	10	204	4	10	4	38	74	4
Iona	2006	15	1	80	2.34	0.83	66	1486	31	11	1	2	0	0	17	0	10	18	652	5	10	4	61	692	2
Iona	2006	15	2	80	2.30	0.81	61	1236	28	14	0	1	0	0	13	0	8	19	580	22	9	6	47	517	0
Iona	2006	15	3	80	2.33	0.81	62	747	32	14	4	0	0	0	14	0	7	16	417	7	7	4	35	220	0
Iona	2006	16	1	80	2.43	0.86	61	2098	48	10	0	0	0	0	38	0	0	1	872	148	16	0	44	962	4
Iona	2006	16	2	80	2.43	0.84	64	2031	55	17	3	0	0	0	35	0	4	1	918	135	13	7	49	837	6
Iona	2006	16	3	80	2.40	0.84	68	2435	56	9	4	0	0	0	43	0	6	5	1145	135	17	2	64	987	7
Iona	2007	1	1	80	2.85	0.88	74	895	10	6	1	0	1	0	2	0	1	36	522	45	7	3	59	190	8
Iona	2007	1	3	80	2.80	0.88	74	938	16	11	1	0	0	0	4	0	0	23	575	59	2	3	48	202	3
Iona	2007	1	4	80	3.04	0.90	94	1205	9	4	0	0	3	0	2	0	1	26	632	48	4	4	111	343	11

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Iona	2007	2	1	80	2.74	0.84	65	767	3	2	1	0	0	0	0	0	0	3	458	40	1	0	66	192	0
Iona	2007	2	2	80	2.83	0.83	76	689	8	4	0	0	0	0	4	0	0	6	448	28	1	3	54	140	0
Iona	2007	2	3	80	3.05	0.89	96	1010	9	6	1	0	0	0	2	0	1	7	537	37	1	4	80	325	1
Iona	2007	12	1	80	2.83	0.84	80	1018	14	11	0	0	0	0	3	0	2	72	534	46	14	6	65	253	1
Iona	2007	12	2	80	2.76	0.87	71	995	12	6	0	2	0	0	4	0	2	77	433	41	21	6	45	347	0
Iona	2007	12	3	80	2.94	0.87	74	846	11	8	0	2	0	0	1	0	2	87	392	40	21	3	55	226	2
Iona	2007	13	1	80	2.93	0.88	71	738	3	1	0	0	0	0	2	0	17	17	335	6	22	5	59	259	3
Iona	2007	13	2	80	2.70	0.84	67	698	4	2	1	0	0	0	1	0	12	28	366	15	13	5	52	198	0
Iona	2007	13	3	80	2.84	0.86	67	612	13	7	0	2	0	0	4	0	14	39	296	6	13	2	45	170	4
Iona	2007	14	1	80	2.85	0.88	53	401	8	5	0	0	0	0	3	0	50	4	190	6	10	2	35	91	3
Iona	2007	14	2	80	2.91	0.88	57	504	11	6	2	0	0	0	3	0	37	19	238	1	10	2	50	129	5
Iona	2007	14	3	80	2.91	0.88	61	549	14	5	2	1	0	0	6	0	39	6	257	3	10	1	50	165	0
Iona	2007	15	1	80	2.67	0.86	74	1088	22	13	2	1	0	0	6	0	2	14	394	6	6	8	51	581	0
Iona	2007	15	2	80	2.71	0.87	69	863	20	13	0	3	0	0	4	0	4	22	420	15	11	7	35	326	2
Iona	2007	15	3	80	2.71	0.86	70	960	17	9	0	1	0	0	7	0	4	29	393	13	9	10	37	443	0
Iona	2007	16	1	80	2.63	0.87	74	1518	33	5	0	0	0	0	28	0	1	0	734	77	16	5	43	580	4
Iona	2007	16	2	80	2.63	0.87	84	2400	33	6	0	0	1	0	26	0	4	3	891	157	14	8	91	1158	1
Iona	2007	16	3	80	2.36	0.83	57	1324	22	10	0	0	0	0	12	0	0	2	605	103	13	14	27	513	2
Iona	2007	2-60	1	60	3.03	0.89	79	857	3	2	0	0	0	0	1	0	1	35	427	13	6	4	75	282	3
Iona	2007	15-120	1	120	2.56	0.82	66	983	60	22	18	2	0	0	18	0	6	11	527	13	3	6	30	305	2
Iona	2007	15-60	1	60	2.59	0.85	63	818	4	1	0	1	0	0	2	0	6	0	434	21	19	2	45	274	1
Iona	2007	2-120	1	120	3.18	0.93	43	146	1	1	0	0	0	0	0	0	10	0	9	2	0	5	49	67	3
Iona	2008	2	1	80	2.98	0.87	88	1108	5	1	0	1	0	0	3	0	2	14	574	36	11	2	94	361	5
Iona	2008	2	2	80	3.09	0.90	82	1321	5	2	0	0	0	0	3	0	0	12	572	42	8	4	145	527	1
Iona	2008	2	3	80	2.92	0.86	79	1072	5	0	1	0	1	0	3	0	0	9	537	38	5	5	88	382	1
Iona	2008	12	1	80	2.85	0.88	68	1013	14	7	0	1	0	0	6	0	2	171	519	51	20	3	39	176	3
Iona	2008	12	2	80	2.87	0.89	76	956	11	6	0	3	0	0	2	0	3	187	454	75	17	3	34	150	3
Iona	2008	12	3	80	2.75	0.88	63	1006	13	8	0	1	0	0	4	0	2	292	420	41	25	1	48	155	2
Iona	2008	15	1	80	2.70	0.87	73	1133	27	7	1	2	0	0	17	0	4	10	397	4	20	10	40	605	8
Iona	2008	15	2	80	2.69	0.87	68	1011	27	8	0	1	0	0	18	0	3	4	524	40	22	3	27	345	8
Iona	2008	15	3	80	2.57	0.85	66	1151	17	5	4	0	0	0	8	0	4	14	530	11	36	3	30	497	8
Iona	2008	16	1	80	2.70	0.88	78	2328	35	2	1	0	0	0	32	0	1	1	822	132	18	2	97	1187	8
Iona	2008	16	2	80	2.70	0.88	74	2105	22	4	0	0	0	0	18	0	1	2	808	157	20	7	77	968	20
Iona	2008	16	3	80	2.57	0.87	59	1407	14	0	0	0	0	0	14	0	2	2	712	77	15	1	50	492	9
Lions Gate	2002	2	1	75	2.35	0.75	34	217	13	8	3	0	0	0	2	0	0	1	134	0	5	0	21	40	0
Lions Gate	2002	2	2	75	2.20	0.71	42	327	5	4	0	0	0	0	1	0	0	0	212	7	0	0	24	72	0
Lions Gate	2002	2	3	75	2.62	0.79	55	455	17	9	8	0	0	0	0	0	1	0	244	8	9	0	37	132	3
Lions Gate	2002	3	1	84	2.74	0.85	58	522	11	8	0	0	0	0	3	0	0	2	226	75	4	0	33	163	1
Lions Gate	2002	3	2	84	2.85	0.85	77	592	17	10	1	0	0	0	5	1	1	2	234	35	5	3	35	243	5
Lions Gate	2002	3	3	84	2.65	0.83	56	438	11	4	1	0	0	0	6	0	0	0	193	74	6	0	33	111	0
Lions Gate	2002	4	1	34	3.23	0.93	70	535	12	5	3	1	3	0	0	0	2	44	243	21	14	1	27	144	17
Lions Gate	2002	4	2	34	2.95	0.90	56	477	8	4	1	0	0	0	3	0	0	47	213	87	11	1	20	73	0
Lions Gate	2002	4	3	34	3.14	0.93	60	617	18	5	1	0	0	0	12	0	0	50	240	57	15	0	34	180	3
Lions Gate	2002	5	1	54	2.71	0.85	69	839	15	11	1	1	0	0	2	0	2	19	407	180	24	0	29	141	16
Lions Gate	2002	5	2	54	2.66	0.80	60	548	12	7	0	0	0	0	5	0	1	10	342	30	18	0	27	89	3
Lions Gate	2002	5	3	54	2.83	0.88	60	722	12	6	4	1	0	0	1	0	2	2	398	63	21	0	38	180	0
Lions Gate	2002	10	1	43	2.73	0.85	71	812	13	7	2	0	1	0	3	0	6	47	444	5	17	2	48	218	8
Lions Gate	2002	10	2	43	2.97	0.90	60	580	22	12	3	0	0	0	7	0	3	23	291	36	22	0	35	143	2
Lions Gate	2002	10	3	43	2.67	0.85	68	1065	30	16	5	1	1	0	7	0	3	35	598	30	14	0	48	300	1
Lions Gate	2002	11	1	47	2.69	0.83	79	1024	31	10	3	2	2	0	14	0	3	7	615	22	27	3	56	255	5
Lions Gate	2002	11	2	47	2.65	0.82	70	845	15	5	2	0	0	0	8	0	2	3	543	39	26	2	47	168	0
Lions Gate	2002	11	3	47	2.77	0.81	84	835	34	22	2	0	2	0	7	1	4	6	557	17	20	2	59	125	4
Lions Gate	2002	12	1	58	2.28	0.79	53	699	10	5	4	0	0	0	1	0	1	4	415	20	21	0	23	202	2

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Lions Gate	2002	12	2	58	2.16	0.73	59	762	17	6	7	0	0	0	4	0	2	0	494	9	18	2	27	185	4
Lions Gate	2002	12	3	58	2.09	0.70	57	878	20	9	6	0	0	0	5	0	1	2	561	13	18	1	39	220	2
Lions Gate	2002	13	1	65	2.49	0.82	55	546	12	5	0	0	0	0	7	0	5	0	234	22	17	1	16	226	4
Lions Gate	2002	13	2	65	2.59	0.85	53	572	8	0	0	0	0	0	8	0	1	1	266	47	21	1	12	206	1
Lions Gate	2002	13	3	65	2.53	0.85	55	659	6	1	1	0	0	0	4	0	3	4	306	92	35	0	22	181	1
Lions Gate	2003	2	1	75	2.14	0.69	46	391	9	5	3	0	0	0	1	0	0	0	270	41	2	0	18	42	1
Lions Gate	2003	2	2	75	2.54	0.77	56	505	22	13	7	0	0	0	2	0	0	0	296	17	11	1	35	116	3
Lions Gate	2003	2	3	75	2.34	0.75	54	479	9	5	0	0	0	0	3	1	0	2	271	19	5	0	22	137	4
Lions Gate	2003	3	1	84	2.34	0.75	54	479	9	5	0	0	0	0	3	1	0	2	271	19	5	0	22	137	4
Lions Gate	2003	3	2	84	2.72	0.85	60	446	12	5	1	0	0	0	6	0	0	3	217	50	2	0	23	133	1
Lions Gate	2003	3	3	84	2.79	0.83	60	491	12	7	1	0	0	0	4	0	1	2	254	18	6	0	41	154	0
Lions Gate	2003	4	1	34	2.95	0.89	69	740	23	14	1	0	2	0	6	0	0	40	431	55	11	1	39	127	0
Lions Gate	2003	4	2	34	2.98	0.87	70	627	17	10	6	0	1	0	0	0	0	45	359	17	9	3	38	134	2
Lions Gate	2003	4	3	34	2.82	0.82	73	741	33	22	5	0	0	0	6	0	1	3	459	20	4	1	54	154	1
Lions Gate	2003	5	1	54	2.52	0.77	56	621	8	6	2	0	0	0	0	0	1	15	410	28	7	0	37	96	4
Lions Gate	2003	5	2	54	2.70	0.81	67	633	19	11	3	0	0	0	5	0	2	16	378	64	9	0	35	91	6
Lions Gate	2003	5	3	54	2.85	0.83	75	654	10	7	2	0	0	0	1	0	2	9	378	50	14	3	41	136	5
Lions Gate	2003	10	1	43	2.97	0.88	66	762	23	13	4	0	2	0	4	0	4	6	417	35	8	1	40	200	12
Lions Gate	2003	10	2	43	2.92	0.89	66	762	25	13	6	0	2	0	4	0	2	30	415	39	14	0	40	187	3
Lions Gate	2003	10	3	43	3.09	0.89	69	631	16	10	5	0	0	0	1	0	1	21	308	25	0	2	76	160	9
Lions Gate	2003	11	1	47	2.21	0.69	59	785	19	14	1	0	0	0	4	0	1	6	577	12	7	0	37	115	1
Lions Gate	2003	11	2	47	2.80	0.82	79	976	51	20	11	0	0	0	20	0	2	4	622	19	15	2	78	172	1
Lions Gate	2003	11	3	47	2.55	0.78	68	845	39	14	5	0	2	0	17	0	2	6	561	23	12	0	45	142	3
Lions Gate	2003	12	1	58	2.16	0.68	58	784	22	6	10	0	0	0	6	0	0	0	594	14	29	1	36	75	0
Lions Gate	2003	12	2	58	2.51	0.77	70	857	25	6	12	0	0	0	6	1	0	3	566	25	23	2	64	143	1
Lions Gate	2003	12	3	58	2.02	0.66	47	752	13	5	4	0	0	0	4	0	1	1	577	15	32	0	18	88	1
Lions Gate	2003	13	1	65	2.39	0.79	54	695	9	5	2	0	0	0	2	0	1	1	417	36	33	0	17	163	3
Lions Gate	2003	13	2	65	2.59	0.81	56	627	18	7	4	0	0	0	7	0	0	0	355	31	17	0	36	157	0
Lions Gate	2003	13	3	65	2.51	0.81	63	726	14	8	0	0	0	0	6	0	1	0	381	42	16	1	24	232	4
Lions Gate	2004	2	1	75	1.80	0.62	45	450	9	8	1	0	0	0	0	0	0	0	363	8	6	2	16	41	0
Lions Gate	2004	2	2	75	2.35	0.77	44	283	8	5	2	0	0	0	1	0	3	0	190	15	5	0	9	47	2
Lions Gate	2004	2	3	75	2.80	0.89	41	248	6	6	0	0	0	0	0	0	0	0	157	12	11	2	19	36	0
Lions Gate	2004	3	1	84	2.31	0.77	48	434	12	8	1	0	0	0	3	0	0	0	298	7	5	0	22	90	0
Lions Gate	2004	3	2	84	2.46	0.81	59	507	8	5	1	0	0	0	2	0	1	1	344	33	3	0	22	88	3
Lions Gate	2004	3	3	84	2.34	0.79	50	515	12	11	1	0	0	0	0	0	1	0	343	24	9	0	19	104	2
Lions Gate	2004	4	1	34	3.01	0.89	69	535	17	6	4	0	5	0	2	0	0	23	299	5	2	0	31	148	0
Lions Gate	2004	4	2	34	2.87	0.90	44	224	7	6	0	0	0	0	1	0	1	10	115	0	1	2	19	66	1
Lions Gate	2004	4	3	34	2.75	0.86	58	596	22	4	1	2	4	0	11	0	1	43	365	26	1	3	20	101	3
Lions Gate	2004	5	1	54	2.50	0.82	67	785	4	3	1	0	0	0	0	0	2	9	550	42	9	1	23	119	4
Lions Gate	2004	5	2	54	2.84	0.86	83	903	10	7	2	0	0	0	1	0	5	26	546	117	7	1	33	134	9
Lions Gate	2004	5	3	54	2.37	0.83	43	619	4	4	0	0	0	0	0	0	1	14	455	37	10	1	20	53	1
Lions Gate	2004	10	1	43	2.88	0.88	70	782	17	4	7	1	0	0	5	0	2	21	514	28	5	2	63	110	3
Lions Gate	2004	10	2	43	2.57	0.83	67	694	16	11	2	0	0	0	3	0	1	3	492	36	6	0	31	101	2
Lions Gate	2004	10	3	43	2.84	0.88	67	825	20	9	5	0	1	0	5	0	1	14	539	30	8	1	50	151	5
Lions Gate	2004	11	1	47	2.40	0.80	60	804	23	8	4	0	1	0	10	0	0	2	636	27	7	0	23	82	1
Lions Gate	2004	11	2	47	2.25	0.76	54	767	16	4	2	0	0	0	10	0	0	2	620	17	4	0	31	68	3
Lions Gate	2004	11	3	47	2.56	0.80	68	825	17	7	3	0	0	0	7	0	2	0	648	23	7	4	39	82	0
Lions Gate	2004	12	1	58	2.27	0.76	51	740	16	8	3	0	0	0	5	0	0	1	550	19	20	3	14	98	4
Lions Gate	2004	12	2	58	2.25	0.77	54	808	17	9	5	0	0	0	3	0	1	2	598	39	21	4	21	84	0
Lions Gate	2004	12	3	58	1.89	0.67	42	814	5	0	3	0	0	0	2	0	1	2	661	16	20	1	27	58	0
Lions Gate	2004	13	1	65	2.43	0.80	58	638	11	8	1	0	0	0	2	0	4	0	456	38	14	3	11	86	2
Lions Gate	2004	13	2	65	2.30	0.77	54	675	8	5	0	0	0	0	3	0	0	1	498	46	9	0	14	90	2
Lions Gate	2004	13	3	65	2.24	0.75	55	681	12	3	6	0	0	0	3	0	0	0	519	21	10	0	16	95	2
Lions Gate	2005	2	1	75	2.32	0.77	44	398	5	5	0	0	0	0	0	0	0	1	288	10	0	1	20	66	5

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Lions Gate	2005	2	2	75	2.31	0.77	43	477	2	1	1	0	0	0	0	0	3	0	326	17	2	2	25	79	0
Lions Gate	2005	2	3	75	2.85	0.89	34	121	5	3	2	0	0	0	0	0	0	0	48	6	3	0	16	42	1
Lions Gate	2005	3	1	84	2.71	0.83	66	641	21	13	6	0	0	0	1	0	1	0	374	12	7	2	49	154	4
Lions Gate	2005	3	2	84	2.70	0.84	57	627	17	12	3	0	0	0	2	0	1	0	378	20	11	3	43	115	1
Lions Gate	2005	3	3	84	2.88	0.90	45	312	7	1	1	0	0	0	5	0	1	0	152	42	4	0	27	75	0
Lions Gate	2005	4	1	34	3.11	0.88	80	721	21	8	6	0	1	0	6	0	0	44	369	30	6	2	65	154	23
Lions Gate	2005	4	2	34	2.88	0.88	66	646	20	8	2	0	0	0	10	0	0	40	392	25	11	0	35	120	0
Lions Gate	2005	4	3	34	2.97	0.89	58	516	18	10	1	0	0	0	7	0	0	20	300	35	6	0	30	100	1
Lions Gate	2005	5	1	54	2.54	0.82	57	592	8	5	1	0	0	0	2	0	2	24	397	8	9	0	30	100	11
Lions Gate	2005	5	2	54	2.67	0.84	55	452	4	1	2	1	0	0	0	0	0	15	291	6	5	0	28	97	0
Lions Gate	2005	5	3	54	2.46	0.80	56	632	8	7	1	0	0	0	0	0	0	9	447	9	4	2	29	96	1
Lions Gate	2005	10	1	43	2.77	0.85	73	727	27	10	11	0	0	0	6	0	1	15	490	7	10	1	47	122	2
Lions Gate	2005	10	2	43	2.78	0.86	72	723	21	7	7	0	1	0	6	0	0	17	461	10	8	2	66	134	3
Lions Gate	2005	10	3	43	2.78	0.86	69	735	18	8	6	0	0	0	4	0	0	14	483	9	8	1	53	136	4
Lions Gate	2005	11	1	47	2.58	0.81	66	792	30	12	5	0	0	0	12	1	0	0	573	14	4	0	54	106	1
Lions Gate	2005	11	2	47	2.58	0.80	71	802	44	15	14	1	0	0	14	0	5	1	566	10	9	2	50	108	1
Lions Gate	2005	11	3	47	2.22	0.74	59	646	16	11	4	0	0	0	1	0	1	2	501	10	7	1	45	59	2
Lions Gate	2005	12	1	58	2.24	0.78	48	673	9	3	2	0	0	0	4	0	0	0	488	7	7	1	42	91	1
Lions Gate	2005	12	2	58	2.04	0.72	47	745	16	2	6	0	0	0	8	0	0	0	584	7	17	1	27	81	1
Lions Gate	2005	12	3	58	2.02	0.71	52	658	11	4	4	0	0	0	3	0	1	1	524	12	14	0	26	60	2
Lions Gate	2005	13	1	65	2.58	0.81	56	686	20	9	5	0	0	0	6	0	0	2	454	42	6	0	27	113	4
Lions Gate	2005	13	2	65	2.23	0.75	54	667	19	9	8	0	0	0	2	0	1	0	501	17	5	2	25	84	6
Lions Gate	2005	13	3	65	2.60	0.83	57	687	14	5	5	0	0	0	4	0	1	1	449	40	8	3	18	123	4
Lions Gate	2005	21	1	21	2.75	0.81	69	741	42	11	1	0	0	0	30	0	0	3	430	55	7	1	91	106	0
Lions Gate	2005	21	2	21	2.64	0.81	64	674	33	8	1	0	0	0	24	0	0	6	389	57	1	1	102	84	0
Lions Gate	2005	21	4	21	2.72	0.82	68	672	36	5	0	0	0	0	31	0	0	1	410	57	6	3	86	69	0
Lions Gate	2006	2	1	75	2.36	0.81	48	545	12	8	3	0	0	0	1	0	0	0	383	21	8	1	21	94	0
Lions Gate	2006	2	2	75	2.37	0.80	54	608	17	6	7	0	0	0	4	0	0	0	435	37	2	0	27	79	0
Lions Gate	2006	2	3	75	2.22	0.77	45	455	15	10	3	0	0	0	2	0	0	0	327	19	7	0	14	62	0
Lions Gate	2006	3	1	84	2.84	0.87	58	425	16	3	2	0	0	0	10	1	0	0	239	11	11	2	44	96	4
Lions Gate	2006	3	2	84	2.60	0.83	61	573	14	6	4	0	0	0	3	1	1	0	326	29	6	2	29	160	1
Lions Gate	2006	3	3	84	2.72	0.85	52	309	1	1	0	0	0	0	0	0	1	1	170	26	7	0	19	82	0
Lions Gate	2006	4	1	34	3.00	0.91	53	314	11	7	1	0	0	0	2	0	0	23	153	2	6	3	24	89	1
Lions Gate	2006	4	2	34	3.01	0.89	67	474	12	8	2	0	1	0	1	0	0	28	255	8	10	2	45	105	7
Lions Gate	2006	4	3	34	3.07	0.91	58	387	20	2	1	0	3	0	12	0	0	27	172	30	5	6	21	101	4
Lions Gate	2006	5	1	54	2.63	0.84	59	673	12	9	2	0	0	0	1	0	0	56	426	10	10	0	45	110	2
Lions Gate	2006	5	2	54	2.68	0.85	58	607	3	1	1	1	0	0	0	0	0	45	417	17	25	0	24	58	3
Lions Gate	2006	5	3	54	2.48	0.81	49	590	3	1	0	0	0	0	2	0	0	26	409	13	23	0	37	68	0
Lions Gate	2006	10	1	43	2.55	0.82	55	540	8	3	1	0	0	0	4	0	0	29	376	13	10	0	47	51	2
Lions Gate	2006	10	2	43	2.51	0.81	57	542	16	12	2	0	0	0	2	0	0	8	368	3	8	0	25	104	0
Lions Gate	2006	10	3	43	2.75	0.85	70	614	19	6	7	0	0	0	6	0	0	18	379	9	18	0	54	115	0
Lions Gate	2006	11	1	47	2.42	0.79	54	738	29	17	2	0	0	0	10	0	1	0	508	7	24	1	51	107	2
Lions Gate	2006	11	2	47	2.06	0.70	54	669	14	10	3	1	0	0	0	0	1	2	520	6	15	0	27	74	4
Lions Gate	2006	11	3	47	2.47	0.78	73	725	16	9	2	0	0	0	5	0	1	2	525	10	14	0	43	105	3
Lions Gate	2006	12	1	58	2.13	0.72	54	661	11	6	4	0	0	0	1	0	0	2	519	10	13	1	30	66	0
Lions Gate	2006	12	2	58	2.01	0.72	49	710	18	8	2	0	0	0	8	0	1	3	566	16	24	1	17	59	0
Lions Gate	2006	12	3	58	2.23	0.75	53	798	27	10	8	0	0	0	9	0	3	1	596	19	23	0	24	93	2
Lions Gate	2006	13	1	65	2.73	0.86	52	632	23	13	3	0	0	0	7	0	0	2	394	31	10	2	22	120	4
Lions Gate	2006	13	2	65	2.41	0.81	53	596	10	6	2	0	0	0	2	0	1	1	405	13	3	0	24	127	4
Lions Gate	2006	13	3	65	2.57	0.83	59	592	16	13	2	0	0	0	1	0	1	3	399	18	9	1	22	107	1
Lions Gate	2006	16	1	62	2.76	0.82	80	882	13	9	3	0	0	0	1	0	1	35	527	15	22	9	56	197	2
Lions Gate	2006	16	2	62	2.65	0.81	80	1280	16	6	2	0	0	0	8	0	0	30	804	29	20	3	65	306	0
Lions Gate	2006	16	3	62	2.86	0.84	63	440	4	3	0	0	0	0	1	0	0	9	262	9	8	1	27	112	1
Lions Gate	2006	18	1	84	2.47	0.81	70	1151	12	4	3	0	0	0	5	0	4	2	753	19	7	3	59	274	5

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Lions Gate	2006	18	2	84	2.47	0.81	70	728	9	3	1	0	1	0	4	0	3	2	515	16	6	0	43	126	1
Lions Gate	2006	18	3	84	2.31	0.77	72	1219	9	2	0	0	0	0	7	0	2	4	900	39	12	2	49	187	4
Lions Gate	2007	2	1	73.7	2.59	0.84	59	702	14	5	8	0	0	0	1	0	1	0	467	49	13	2	37	82	1
Lions Gate	2007	2	2	73.7	2.39	0.80	61	692	11	7	2	0	1	0	1	0	1	0	507	32	8	1	27	79	0
Lions Gate	2007	2	3	73.7	2.32	0.80	49	602	13	6	2	0	0	0	5	0	1	1	430	63	9	0	26	51	0
Lions Gate	2007	3	1	81.2	2.57	0.82	63	645	11	7	3	0	0	0	1	0	1	1	405	18	11	1	41	136	4
Lions Gate	2007	3	2	81.2	2.53	0.86	49	618	7	3	1	0	0	0	2	1	1	0	398	42	13	0	21	96	0
Lions Gate	2007	3	3	81.2	2.64	0.84	61	564	11	5	2	0	0	0	3	1	0	1	365	40	4	0	29	96	1
Lions Gate	2007	4	1	32.8	2.93	0.89	59	490	17	4	1	0	5	0	7	0	0	38	262	23	5	3	43	95	0
Lions Gate	2007	4	2	32.8	2.64	0.84	56	567	16	7	2	0	0	0	7	0	0	16	358	41	4	0	31	93	0
Lions Gate	2007	4	3	32.8	2.72	0.86	57	638	13	4	0	0	2	0	7	0	0	13	406	49	10	1	32	102	5
Lions Gate	2007	5	1	51.8	2.50	0.83	58	644	9	7	0	0	0	0	2	0	0	26	443	45	6	0	28	62	2
Lions Gate	2007	5	2	51.8	2.72	0.85	62	700	3	1	1	0	0	0	1	0	0	36	465	17	9	0	38	102	1
Lions Gate	2007	5	3	51.8	2.77	0.88	61	618	7	4	0	0	0	0	3	0	0	44	376	56	12	0	32	65	4
Lions Gate	2007	10	1	46.1	2.68	0.84	59	519	8	2	2	0	1	0	3	0	0	17	356	8	4	0	42	68	0
Lions Gate	2007	10	2	46.1	2.80	0.85	85	898	20	9	3	0	0	0	7	1	0	9	623	17	6	3	78	120	2
Lions Gate	2007	10	3	46.1	2.69	0.84	66	770	9	0	3	0	0	0	6	0	0	12	539	5	11	0	60	108	3
Lions Gate	2007	11	1	44.3	2.53	0.82	57	490	5	4	0	0	0	0	1	0	0	1	362	19	6	1	34	50	0
Lions Gate	2007	11	2	44.3	2.69	0.83	75	673	12	7	0	0	0	0	5	0	1	1	481	16	4	2	55	80	1
Lions Gate	2007	11	3	44.3	2.34	0.79	52	578	10	6	1	0	0	0	3	0	0	1	436	24	2	0	39	52	1
Lions Gate	2007	12	1	55.3	2.10	0.73	55	685	5	3	0	0	0	0	2	0	0	0	540	13	17	1	25	72	3
Lions Gate	2007	12	2	55.3	2.26	0.75	60	718	12	8	1	0	0	0	3	0	2	0	547	17	14	0	33	82	2
Lions Gate	2007	12	3	55.3	2.14	0.74	51	664	11	9	1	0	0	0	1	0	1	0	518	18	20	0	40	49	0
Lions Gate	2007	13	1	60.1	2.53	0.82	61	601	10	8	2	0	0	0	0	0	1	3	418	35	11	5	25	73	1
Lions Gate	2007	13	2	60.1	2.58	0.84	61	563	12	8	1	0	1	0	2	0	0	0	404	28	8	3	21	64	3
Lions Gate	2007	13	3	60.1	2.45	0.80	53	562	7	4	1	0	0	0	2	0	0	1	407	19	12	0	33	68	0
Lions Gate	2007	16	1	59.4	2.98	0.87	83	1072	13	6	1	0	0	0	6	0	0	46	569	32	13	2	67	306	2
Lions Gate	2007	16	2	59.4	2.48	0.80	62	684	7	2	0	0	0	0	5	0	0	17	467	48	12	2	31	82	2
Lions Gate	2007	16	3	59.4	2.65	0.84	68	1011	5	1	0	0	0	0	4	0	2	41	673	43	17	0	42	176	0
Lions Gate	2007	18	1	81.3	2.82	0.84	105	1428	28	12	5	0	0	0	11	0	2	2	873	76	11	4	96	300	16
Lions Gate	2007	18	2	81.3	2.36	0.77	66	897	14	4	1	0	1	0	8	0	3	2	669	31	14	2	36	105	3
Lions Gate	2007	18	3	81.3	2.51	0.79	80	1180	21	3	4	1	0	0	13	0	1	3	831	62	12	4	57	162	1
Lions Gate	2007	45	1	52.3	2.82	0.89	83	1158	47	14	4	0	2	0	26	1	0	22	406	43	7	4	91	367	163
Lions Gate	2007	45	2	52.3	2.90	0.89	78	938	28	13	2	0	0	0	12	1	1	35	374	57	10	3	62	294	66
Lions Gate	2007	45	3	52.3	3.10	0.91	86	839	59	23	7	1	1	0	27	0	3	28	241	95	5	3	68	229	98
Lions Gate	2007	46	1	32	3.69	0.95	127	987	30	6	3	0	0	0	21	0	2	3	266	80	1	17	269	285	3
Lions Gate	2007	46	2	32	3.02	0.91	65	542	35	5	2	0	0	0	28	0	3	0	224	29	0	2	62	185	0
Lions Gate	2007	46	3	32	2.83	0.87	77	746	37	2	3	0	0	0	32	0	0	2	319	5	0	6	113	260	2
Lions Gate	2007	47	1	29.6	2.43	0.79	77	969	54	7	3	0	0	0	41	3	1	21	705	7	3	3	80	87	0
Lions Gate	2007	47	2	29.6	2.52	0.80	91	1207	75	14	4	1	0	0	55	1	0	16	856	7	14	2	92	139	2
Lions Gate	2007	47	3	29.6	2.40	0.82	85	1459	62	15	2	0	0	0	44	1	2	37	1136	10	4	0	60	147	0
Lions Gate	2007	48	1	41.3	2.67	0.83	64	454	24	8	6	0	0	0	8	0	1	2	21	20	0	1	85	139	161
Lions Gate	2007	48	2	41.3	3.13	0.89	101	715	57	29	13	1	1	0	12	0	0	9	31	37	0	3	143	284	151
Lions Gate	2007	48	3	41.3	2.43	0.81	68	653	49	29	6	0	0	0	14	0	0	6	30	22	0	1	178	142	222
Lions Gate	2008	2	1	75	2.57	0.84	62	705	9	6	2	0	0	0	1	0	1	2	453	35	11	1	38	139	1
Lions Gate	2008	2	2	75	2.38	0.84	42	465	6	4	2	0	0	0	0	0	0	1	306	66	3	0	19	52	0
Lions Gate	2008	2	3	75	2.56	0.84	56	618	11	8	0	0	0	0	2	1	1	1	406	39	6	1	30	109	0
Lions Gate	2008	3	1	84	2.72	0.86	68	565	10	5	1	1	1	0	1	1	0	2	365	28	4	1	26	111	1
Lions Gate	2008	3	2	84	2.70	0.88	62	594	12	6	1	0	0	0	4	1	1	0	338	104	6	0	14	92	2
Lions Gate	2008	3	3	84	2.81	0.88	59	590	9	7	2	0	0	0	0	0	3	2	341	44	9	0	27	133	0
Lions Gate	2008	4	1	34	2.65	0.87	47	482	12	10	0	0	0	0	2	0	0	22	296	12	2	1	23	105	1
Lions Gate	2008	4	2	34	3.09	0.91	75	735	24	11	1	0	0	0	12	0	0	10	380	113	0	1	39	149	9
Lions Gate	2008	4	3	34	3.26	0.93	75	934	19	6	0	1	3	0	8	1	0	30	391	35	3	1	50	391	4
Lions Gate	2008	5	1	54	2.87	0.89	62	611	11	8	0	1	0	0	2	0	0	65	369	35	6	0	30	80	2

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Lions Gate	2008	5	2	54	2.97	0.89	76	670	9	7	0	0	0	0	2	0	0	46	406	33	4	3	35	97	23
Lions Gate	2008	5	3	54	3.23	0.92	74	796	19	14	1	0	0	0	4	0	0	38	364	28	15	4	45	274	2
Lions Gate	2008	10	1	43	2.79	0.87	62	601	5	3	0	0	0	0	2	0	1	12	384	13	4	2	45	126	1
Lions Gate	2008	10	2	43	3.29	0.93	81	677	33	24	2	0	0	0	5	2	0	12	307	64	1	4	102	143	3
Lions Gate	2008	10	3	43	3.45	0.93	87	801	56	30	5	1	9	0	6	5	0	46	354	28	3	2	95	203	2
Lions Gate	2008	11	1	47	3.06	0.88	74	764	19	13	1	0	0	0	5	0	0	3	425	22	2	3	89	190	1
Lions Gate	2008	11	2	47	2.69	0.84	60	670	16	9	1	0	0	0	6	0	0	2	484	37	4	0	42	75	0
Lions Gate	2008	11	3	47	2.64	0.84	58	604	12	9	0	0	0	0	3	0	1	1	417	38	3	1	45	84	1
Lions Gate	2008	12	1	58	2.14	0.73	56	696	8	5	2	0	0	0	1	0	0	3	535	42	8	1	36	57	0
Lions Gate	2008	12	2	58	2.34	0.78	59	760	13	7	1	0	0	0	5	0	1	1	576	38	11	0	34	79	0
Lions Gate	2008	12	3	58	2.70	0.84	83	1130	26	11	6	0	0	0	3	6	3	4	636	36	10	1	81	322	1
Lions Gate	2008	13	1	65	2.52	0.83	49	565	11	8	0	0	0	0	3	0	0	3	411	21	8	1	7	86	0
Lions Gate	2008	13	2	65	2.70	0.84	63	563	21	17	2	0	0	0	2	0	2	9	372	35	10	3	30	73	0
Lions Gate	2008	13	3	65	2.88	0.86	72	644	13	8	1	0	0	0	4	0	0	4	414	14	6	1	38	134	3
Lions Gate	2008	16	1	62	2.81	0.86	72	929	17	8	0	0	0	0	8	1	0	40	544	40	11	0	38	223	0
Lions Gate	2008	16	2	62	2.89	0.87	78	1033	9	2	1	0	0	0	5	1	0	71	599	28	7	1	52	250	0
Lions Gate	2008	16	3	62	2.96	0.89	78	1326	18	7	2	0	0	0	5	4	0	39	632	29	7	5	53	521	0
Lions Gate	2008	18	1	84	2.88	0.85	90	1215	22	6	3	0	0	0	12	1	0	4	739	48	6	2	77	303	3
Lions Gate	2008	18	2	84	2.92	0.87	84	1063	18	3	8	0	0	0	6	1	0	9	622	42	8	1	62	277	6
Lions Gate	2008	18	3	84	2.83	0.84	86	1204	20	3	7	1	0	0	8	1	2	4	709	70	7	0	70	312	6
Lions Gate	2008	45	1	30	3.13	0.92	93	1657	71	21	3	0	5	0	41	1	0	57	358	183	14	3	129	779	56
Lions Gate	2008	45	2	30	2.97	0.89	86	1249	45	10	4	1	3	0	27	0	1	63	367	85	13	2	83	557	28
Lions Gate	2008	45	3	30	3.02	0.90	64	484	11	5	1	0	0	0	5	0	0	28	182	41	3	1	43	169	3
Lions Gate	2008	47	1	30	3.03	0.90	65	662	33	5	0	2	0	0	26	0	0	79	334	7	0	0	81	125	0
Lions Gate	2008	47	2	30	3.30	0.92	84	739	57	8	1	0	1	0	46	1	1	59	334	12	1	4	87	182	0
Lions Gate	2008	47	3	30	3.03	0.88	69	669	36	5	1	0	0	0	30	0	0	61	340	9	2	0	59	161	0
Lions Gate	2008	48	1	41	3.01	0.88	92	921	80	37	29	0	0	0	13	1	0	2	56	27	1	2	142	453	157
Lions Gate	2008	48	2	41	2.87	0.85	92	771	63	17	20	0	10	0	16	0	0	5	60	23	1	3	140	214	258
Lions Gate	2008	48	3	41	3.03	0.87	96	682	53	21	15	0	1	0	15	1	1	2	47	12	3	3	99	277	182
Lions Gate	2008	46b	1	32	3.12	0.89	81	775	14	5	3	2	0	0	4	0	0	12	458	61	5	4	74	140	2
Lions Gate	2008	46b	2	32	2.84	0.87	68	710	16	4	0	0	0	0	12	0	0	5	435	60	3	1	69	119	0
Lions Gate	2008	46b	3	32	3.16	0.90	86	842	28	6	2	1	0	0	19	0	0	13	483	22	1	3	108	173	2
Nanaimo Harbour	2005	18	1	70	4.08	0.96	207	2079	143	80	30	1	7	0	3	22	7	14	108	15	2	23	420	1335	7
Nanaimo Harbour	2005	18	2	70	3.67	0.94	152	1592	58	29	11	0	0	0	2	16	3	12	142	10	3	13	191	1144	6
Nanaimo Harbour	2005	18	3	70	4.00	0.96	163	1568	91	54	20	2	4	0	3	8	25	27	155	26	1	16	253	957	12
Nanaimo Harbour	2005	19	1	65	3.82	0.93	212	2490	322	97	24	2	15	0	14	170	1	22	47	10	0	16	547	1471	37
Nanaimo Harbour	2005	19	2	65	3.72	0.94	172	1388	252	67	14	2	11	1	4	153	0	16	52	18	0	7	250	784	5
Nanaimo Harbour	2005	19	3	65	3.65	0.93	175	1909	374	87	12	2	13	1	5	254	0	24	53	14	1	17	267	1152	2
Nanaimo Harbour	2005	37	1	60	3.84	0.95	161	1440	63	21	3	0	15	0	14	10	4	23	106	24	5	15	185	843	124
Nanaimo Harbour	2005	37	2	60	3.67	0.95	101	679	42	5	1	0	3	0	32	1	3	10	113	31	5	1	120	301	4
Nanaimo Harbour	2005	37	3	60	3.85	0.96	137	1187	62	24	3	2	9	0	20	4	7	29	137	22	8	6	174	687	2
Nanaimo Harbour	2005	38	1	65	3.16	0.87	113	1119	67	39	12	0	2	0	2	12	1	5	10	6	0	9	184	826	10
Nanaimo Harbour	2005	38	2	65	3.09	0.85	94	714	85	69	8	0	0	0	3	5	0	2	2	8	0	5	151	451	7
Nanaimo Harbour	2005	38	3	65	4.01	0.97	135	1004	127	42	20	2	6	0	0	57	0	5	8	12	0	5	305	432	51
Nanaimo Harbour	2005	39	1	60	3.76	0.96	82	279	33	24	7	0	0	0	1	1	0	3	29	9	0	1	53	148	1
Nanaimo Harbour	2005	39	2	60	3.35	0.91	81	386	23	17	4	0	0	0	1	1	0	7	17	13	0	4	53	267	2
Nanaimo Harbour	2005	39	3	60	3.75	0.95	100	475	38	23	4	1	0	0	2	8	3	13	24	9	0	1	82	303	1
PSAMP	1989	3	1	223	2.19	0.85	27	428	0	0	0	0	0	0	0	0	0	0	57	3	0	0	79	267	0
PSAMP	1989	3	2	223	2.50	0.88	41	705	112	6	0	106	0	0	0	0	0	2	105	11	0	1	99	369	0
PSAMP	1989	3	3	223	1.78	0.70	19	99	5	3	1	1	0	0	0	0	0	0	11	0	0	0	10	72	0
PSAMP	1989	3	4	223	2.65	0.89	35	227	58	5	0	53	0	0	0	0	1	1	64	8	0	0	28	67	0
PSAMP	1989	3	5	223	2.71	0.88	34	234	4	1	0	3	0	0	0	0	0	0	8	4	0	0	33	185	0

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
PSAMP	1990	3	1	223	2.43	0.86	47	385	45	19	0	26	0	0	0	0	0	0	188	14	0	1	53	82	0
PSAMP	1990	3	2	223	2.20	0.79	33	227	19	6	1	11	0	0	0	0	0	1	168	13	0	1	17	8	1
PSAMP	1990	3	3	223	2.30	0.82	43	408	59	18	0	41	0	0	0	0	0	0	253	15	0	0	36	45	0
PSAMP	1990	3	4	223	2.47	0.86	43	334	48	8	0	38	2	0	0	0	0	0	180	10	0	0	41	54	0
PSAMP	1990	3	5	223	2.51	0.88	32	174	24	3	1	18	2	0	0	0	0	0	105	4	0	0	16	25	0
PSAMP	1991	3	1	223	2.50	0.89	20	138	21	5	1	8	0	0	0	0	0	1	25	2	0	0	17	68	8
PSAMP	1991	3	2	223	2.63	0.92	18	78	13	4	0	9	0	0	0	0	0	3	18	5	0	0	10	28	0
PSAMP	1991	3	3	223	2.25	0.85	27	376	37	4	0	33	0	0	0	0	0	3	52	10	0	1	100	148	0
PSAMP	1991	3	4	223	2.51	0.90	22	161	17	2	0	13	0	0	0	0	0	1	16	4	0	0	26	82	2
PSAMP	1991	3	5	223	2.43	0.88	20	112	11	6	1	4	0	0	0	0	0	0	21	4	0	0	16	60	0
PSAMP	1993	3	1	223	2.20	0.85	16	74	9	1	0	8	0	0	0	0	0	0	23	1	0	0	24	17	0
PSAMP	1993	3	2	223	2.47	0.88	24	143	17	2	0	15	0	0	0	0	0	3	25	4	0	2	43	42	0
PSAMP	1993	3	3	223	2.15	0.77	32	222	21	0	0	21	0	0	0	0	0	0	10	3	0	1	107	72	0
PSAMP	1993	3	4	223	2.38	0.86	27	242	17	2	0	14	0	0	0	1	0	0	24	3	0	2	69	101	0
PSAMP	1993	3	5	223	1.98	0.78	24	249	17	2	0	14	0	0	1	0	0	0	26	3	0	2	103	91	0
PSAMP	1994	3	1	223	2.00	0.84	9	17	2	0	0	2	0	0	0	0	0	0	8	0	0	0	2	5	0
PSAMP	1994	3	2	223	2.18	0.85	14	75	7	1	0	5	0	0	1	0	0	0	6	15	0	0	7	39	0
PSAMP	1994	3	3	223	2.75	0.91	26	78	11	6	0	5	0	0	0	0	0	0	14	4	0	0	15	32	0
PSAMP	1995	3	1	223	2.54	0.90	21	81	29	5	1	8	0	0	0	0	0	1	7	9	0	0	11	21	15
PSAMP	1995	3	2	223	2.12	0.73	25	125	12	5	2	5	0	0	0	0	0	0	3	6	0	2	12	89	0
PSAMP	1995	3	3	223	2.45	0.85	24	112	23	9	0	13	1	0	0	0	0	0	6	6	0	1	16	60	0
PSAMP	1997	3	1	223	2.60	0.86	32	165	8	3	1	3	0	0	1	0	0	0	33	1	0	1	24	92	0
PSAMP	1997	3	2	223	0.73	0.29	10	176	1	1	0	0	0	0	0	0	0	0	14	0	0	0	2	157	0
PSAMP	1997	3	3	223	1.40	0.50	21	106	3	1	0	2	0	0	0	0	0	1	7	3	0	0	10	79	0
PSAMP	1998	3	1	223	2.09	0.82	17	67	2	0	0	2	0	0	0	0	0	0	7	0	0	0	12	36	0
PSAMP	1998	3	2	223	2.14	0.82	19	175	9	5	1	3	0	0	0	0	0	0	16	0	0	1	22	97	0
PSAMP	1998	3	3	223	1.96	0.76	15	97	7	3	1	3	0	0	0	0	0	0	9	0	0	0	15	58	0
PSAMP	1999	3	1	223	1.42	0.52	16	71	1	1	0	0	0	0	0	0	0	0	5	3	0	0	5	57	0
PSAMP	1999	3	2	223	2.21	0.86	13	38	2	1	1	0	0	0	0	0	0	0	6	0	0	0	7	16	0
PSAMP	1999	3	3	223	2.13	0.81	18	88	5	2	0	3	0	0	0	0	0	0	16	1	0	1	7	50	0
PSAMP	2000	3	1	223	1.54	0.57	33	993	39	33	2	3	0	0	1	0	0	0	688	3	0	1	56	52	0
PSAMP	2000	3	2	223	1.79	0.70	30	617	34	27	4	3	0	0	0	0	0	0	449	3	0	0	34	49	0
PSAMP	2000	3	3	223	1.84	0.72	29	707	27	18	3	6	0	0	0	0	0	0	544	6	0	0	55	26	0
PSAMP	2001	3	1	223	2.16	0.83	21	264	31	19	0	12	0	0	0	0	0	0	175	1	0	0	12	38	0
PSAMP	2001	3	2	223	1.70	0.70	20	270	18	15	0	3	0	0	0	0	0	0	216	2	0	0	17	15	0
PSAMP	2001	3	3	223	1.19	0.54	14	312	1	0	0	1	0	0	0	0	0	0	274	2	0	0	27	8	0
PSAMP	2002	3	1	223	1.86	0.77	20	202	45	3	1	5	0	0	0	0	0	0	117	5	0	0	23	12	36
PSAMP	2002	3	2	223	1.17	0.50	16	345	15	1	0	14	0	0	0	0	0	0	266	7	0	0	47	9	0
PSAMP	2002	3	3	223	1.26	0.58	11	237	8	1	0	7	0	0	0	0	0	0	174	1	0	0	35	16	0
PSAMP	2003	3	1	223	1.06	0.47	11	142	17	0	0	17	0	0	0	0	0	0	104	2	0	0	7	9	0
PSAMP	2003	3	2	223	1.57	0.68	14	113	18	2	0	16	0	0	0	0	0	0	74	4	0	0	14	3	0
PSAMP	2003	3	3	223	1.20	0.55	10	57	0	0	0	0	0	0	0	0	0	0	28	6	0	0	14	9	0
PSAMP	2004	3	1	223	1.49	0.69	15	571	33	1	0	32	0	0	0	0	0	0	138	0	0	0	268	128	0
PSAMP	2004	3	2	223	2.23	0.85	17	117	17	7	3	7	0	0	0	0	0	0	15	23	0	0	37	20	0
PSAMP	2004	3	3	223	1.98	0.79	19	212	39	1	1	37	0	0	0	0	0	0	59	1	0	1	82	28	0
PSAMP	2005	3	1	223	1.68	0.74	21	457	84	5	0	79	0	0	0	0	0	4	95	0	0	0	143	130	0
PSAMP	2005	3	2	223	2.31	0.82	36	289	51	14	2	35	0	0	0	0	0	1	38	3	0	4	69	116	0
PSAMP	2005	3	3	223	1.95	0.81	26	553	112	2	2	108	0	0	0	0	0	1	113	4	0	0	205	115	0
PSAMP	2006	3	1	223	2.76	0.89	59	880	88	26	10	43	1	0	5	3	0	1	473	26	0	3	120	152	2
PSAMP	2006	3	2	223	1.95	0.79	20	218	28	7	2	19	0	0	0	0	0	4	43	0	0	0	26	115	0
PSAMP	2006	3	3	223	1.59	0.71	13	251	51	3	0	48	0	0	0	0	0	3	89	4	0	0	79	25	0
PSAMP	2007	3	1	223	1.88	0.78	17	224	103	81	0	22	0	0	0	0	0	5	38	3	0	0	23	51	0
PSAMP	2007	3	2	223	1.91	0.77	27	420	25	5	0	20	0	0	0	0	0	0	126	4	0	1	82	179	0
PSAMP	2007	3	3	223	1.35	0.51	17	291	200	189	0	10	0	0	1	0	0	0	31	0	0	1	29	29	0

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
PSAMP	1989	1	1	23	2.31	0.87	27	385	138	42	55	41	0	0	0	0	0	111	10	3	0	1	33	89	0
PSAMP	1989	1	2	23	2.24	0.86	19	283	151	62	73	16	0	0	0	0	0	78	7	1	0	0	30	15	1
PSAMP	1989	1	3	23	2.48	0.88	22	298	97	44	43	10	0	0	0	0	0	115	30	5	0	1	30	20	0
PSAMP	1989	1	4	23	2.21	0.84	25	479	142	54	45	42	0	0	1	0	1	156	36	1	0	0	49	93	0
PSAMP	1989	1	5	23	2.43	0.87	30	571	127	35	24	67	0	0	1	0	0	226	66	0	0	0	86	62	2
PSAMP	1990	1	1	23	2.15	0.81	30	577	149	92	3	53	0	0	1	0	0	219	44	3	0	2	40	118	0
PSAMP	1990	1	2	23	2.02	0.77	28	834	192	93	12	87	0	0	0	0	0	366	56	4	0	0	65	144	0
PSAMP	1990	1	3	23	1.68	0.67	23	855	163	68	3	92	0	0	0	0	0	465	128	7	0	0	64	28	0
PSAMP	1990	1	4	23	2.06	0.81	21	434	131	57	3	71	0	0	0	0	0	144	19	3	0	1	31	105	0
PSAMP	1990	1	5	23	2.36	0.83	30	301	181	124	8	32	0	0	1	0	0	56	17	4	0	1	20	21	17
PSAMP	1991	1	1	23	1.55	0.61	21	272	201	179	10	11	0	0	1	0	0	28	5	0	0	0	8	30	0
PSAMP	1991	1	2	23	2.10	0.81	25	310	133	105	7	20	0	0	1	0	0	73	16	4	0	1	19	64	0
PSAMP	1991	1	3	23	1.70	0.71	20	376	249	202	19	27	0	0	1	0	0	92	10	0	0	3	18	4	0
PSAMP	1991	1	4	23	1.80	0.76	23	543	248	139	10	99	0	0	0	0	0	214	33	2	0	1	25	20	0
PSAMP	1991	1	5	23	1.71	0.73	23	477	260	198	9	53	0	0	0	0	0	167	14	0	0	2	20	14	0
PSAMP	1991	201R	1	121	2.36	0.74	73	911	33	15	2	0	0	0	16	0	17	49	20	2	0	1	50	284	452
PSAMP	1991	202R	1	117	2.95	0.91	38	142	12	12	0	0	0	0	0	0	0	1	10	3	0	0	9	105	2
PSAMP	1992	1	1	23	1.96	0.78	31	855	355	222	17	116	0	0	0	0	1	328	36	9	0	0	44	79	0
PSAMP	1992	1	2	23	1.96	0.77	35	924	389	293	19	76	0	0	1	0	0	353	61	4	0	3	47	67	0
PSAMP	1992	1	3	23	1.80	0.74	31	923	432	351	16	64	0	0	1	0	0	354	45	8	0	3	62	18	1
PSAMP	1992	1	4	23	1.57	0.68	22	645	253	170	12	71	0	0	0	0	1	326	34	2	0	0	21	8	0
PSAMP	1992	1	5	23	1.62	0.69	23	674	294	234	11	49	0	0	0	0	0	308	32	6	0	1	23	10	0
PSAMP	1993	1	1	23	1.90	0.76	22	687	130	50	7	72	0	0	1	0	0	364	38	6	0	0	116	31	0
PSAMP	1993	1	2	23	1.80	0.71	24	472	132	43	17	72	0	0	0	0	0	234	23	9	1	2	64	7	0
PSAMP	1993	1	3	23	1.69	0.70	16	492	132	49	15	68	0	0	0	0	0	288	27	2	0	0	42	1	0
PSAMP	1993	1	4	23	1.81	0.71	20	463	130	50	19	61	0	0	0	0	0	251	33	6	0	2	38	3	0
PSAMP	1993	1	5	23	1.69	0.67	20	505	140	39	15	86	0	0	0	0	0	284	25	2	0	0	47	3	1
PSAMP	1994	1	1	24	2.04	0.79	26	408	94	77	4	12	0	0	1	0	0	195	16	2	0	0	94	7	0
PSAMP	1994	1	2	24	2.03	0.76	28	434	74	50	7	17	0	0	0	0	0	215	16	3	0	3	103	20	0
PSAMP	1994	1	3	24	2.13	0.79	30	617	123	83	12	28	0	0	0	0	0	266	36	5	0	0	154	31	0
PSAMP	1994	201R	1	123	2.20	0.65	67	593	18	8	0	0	0	0	8	2	3	17	52	4	0	2	36	111	348
PSAMP	1994	202R	1	118	3.38	0.95	48	140	8	4	2	0	1	0	0	1	0	0	16	3	0	0	9	102	2
PSAMP	1997	1	1	4	3.40	0.95	53	487	109	66	8	10	0	0	2	23	0	19	60	8	0	15	100	170	2
PSAMP	1997	2	1	3	2.83	0.92	25	123	25	19	0	6	0	0	0	0	0	0	30	5	0	4	33	26	0
PSAMP	2002	1	1	19	1.99	0.76	27	308	4	0	0	4	0	0	0	0	0	0	146	5	0	0	34	119	0
Shelf	1980	S1A1	1	107	3.46	0.89	81	590	55	31	18	0	6	0	0	0	1	3	64	5	0	0	134	306	14
Shelf	1980	S1A1	2	107	3.47	0.90	72	347	40	24	14	0	2	0	0	0	2	1	27	2	0	0	58	210	3
Shelf	1980	S1A2	1	145	3.13	0.85	68	373	29	13	14	0	2	0	0	0	2	2	10	2	0	0	64	253	4
Shelf	1980	S1A2	2	145	3.05	0.85	63	364	20	12	8	0	0	0	0	0	2	3	20	0	0	0	55	254	4
Shelf	1980	S1A4	1	123	3.37	0.88	70	416	40	35	5	0	0	0	0	0	0	3	32	10	0	0	63	255	3
Shelf	1980	S1A4	2	123	3.39	0.88	69	435	49	33	16	0	0	0	0	0	0	3	34	9	0	0	75	250	7
Shelf	1980	S1A5	1	175	3.36	0.91	61	401	19	10	9	0	0	0	0	0	1	7	26	3	0	0	49	288	5
Shelf	1980	S1A5	2	175	3.36	0.91	63	438	11	7	4	0	0	0	0	0	3	26	35	1	0	0	56	296	5
Shelf	1980	S1B1	1	106	3.78	0.95	76	624	44	22	20	0	2	0	0	0	3	6	30	7	0	0	83	442	6
Shelf	1980	S1B1	2	106	3.75	0.94	82	695	74	37	33	1	3	0	0	0	1	3	34	7	0	0	87	483	5
Shelf	1980	S1B2	1	119	3.66	0.95	63	455	45	15	29	0	1	0	0	0	1	0	34	4	0	0	50	314	5
Shelf	1980	S1B2	2	119	3.66	0.94	69	448	43	19	23	0	1	0	0	0	1	1	25	5	0	0	62	298	8
Shelf	1980	S1B3	1	133	3.75	0.96	55	308	52	28	24	0	0	0	0	0	2	0	14	2	0	0	48	181	5
Shelf	1980	S1B3	2	133	3.42	0.93	49	295	25	12	13	0	0	0	0	0	2	1	20	4	0	0	40	201	0
Shelf	1980	S1C1	1	142	3.77	0.96	51	236	37	29	8	0	0	0	0	0	0	2	9	2	0	0	28	145	3
Shelf	1980	S1C1	2	142	3.70	0.96	47	207	18	15	3	0	0	0	0	0	1	1	13	2	0	0	24	146	1
Shelf	1980	S1C2	1	163	3.54	0.96	43	169	7	6	1	0	0	0	0	0	1	2	17	1	0	0	37	104	0
Shelf	1980	S1C2	2	163	3.38	0.93	44	320	31	27	4	0	0	0	0	0	0	1	14	0	0	0	46	223	3

Appendix 2. Continued

Study Acroynm	Year	Station	Rep.	Depth (m)	H'	1-D	No. of Taxa (/0.1m^2)	Total Abundance (/0.1 m^2)	No. Crustaceans (/0.1m^2)	CRAM	CRCU	CRDE	CRIS	CRLE	CROS	CRTA	ECHO	ECOP	MOBI	MOGA	MOSC	NTEA	POER	POSE	Misc. (/0.1 m^2)
Shelf	1980	S1C4	1	133	4.03	0.96	92	683	129	107	21	1	0	0	0	0	0	3	68	0	0	0	135	330	6
Shelf	1980	S1C4	2	133	4.00	0.96	92	683	129	107	21	1	0	0	0	0	0	3	68	0	0	0	135	330	6
Shelf	1980	S1D1	1	111	4.18	0.97	101	661	95	64	30	0	1	0	0	0	1	3	51	7	0	0	139	364	1
Shelf	1980	S1D1	2	111	4.11	0.97	86	519	80	53	26	0	1	0	0	0	0	11	92	11	0	0	80	245	0
Shelf	1980	S1D2	1	114	3.98	0.96	91	559	41	28	13	0	0	0	0	0	0	2	79	6	0	0	97	333	1
Shelf	1980	S1D2	2	114	3.88	0.96	74	485	52	31	20	0	1	0	0	0	1	13	79	2	0	0	81	257	0
Shelf	1980	S1D3	1	111	4.24	0.98	90	420	74	37	36	0	1	0	0	0	1	16	64	7	0	0	74	180	4
Shelf	1980	S1D3	2	111	4.02	0.96	89	545	72	47	24	0	1	0	0	0	1	11	74	0	0	0	98	288	1
Shelf	1980	S2A1	1	107	3.69	0.93	77	478	36	18	13	0	5	0	0	0	1	6	27	15	3	0	67	303	15
Shelf	1980	S2A1	2	107	3.51	0.92	65	425	17	6	7	1	3	0	0	0	3	5	37	8	3	0	64	281	1
Shelf	1980	S2A2	1	151	3.64	0.92	70	400	53	25	28	0	0	0	0	0	3	1	39	4	1	0	96	196	5
Shelf	1980	S2A2	2	151	3.74	0.95	50	252	29	7	19	3	0	0	0	0	0	3	40	0	0	0	59	117	3
Shelf	1980	S2A4	1	122	3.68	0.94	74	588	38	30	8	0	0	0	0	0	2	1	15	7	2	0	80	419	1
Shelf	1980	S2A4	2	122	3.76	0.94	77	574	60	38	19	0	3	0	0	0	2	2	39	4	1	0	76	355	6
Shelf	1980	S2A5	1	197	3.27	0.91	65	974	23	11	10	1	1	0	0	0	0	19	74	0	0	0	130	700	9
Shelf	1980	S2A5	2	197	3.31	0.90	67	654	14	5	7	0	2	0	0	0	2	12	35	2	1	0	70	503	4
Shelf	1980	S2B1	1	109	3.99	0.97	73	541	63	31	31	1	0	0	0	0	1	2	44	8	3	0	62	345	13
Shelf	1980	S2B1	2	109	3.91	0.96	65	462	40	25	14	0	1	0	0	0	1	4	63	3	3	0	62	270	16
Shelf	1980	S2B2	1	120	3.90	0.97	61	370	22	9	13	0	0	0	0	0	3	3	59	3	6	0	56	207	10
Shelf	1980	S2B2	2	120	3.66	0.95	57	432	29	16	13	0	0	0	0	0	1	5	29	5	4	0	46	307	6
Shelf	1980	S2B3	1	127	3.79	0.96	64	465	72	30	42	0	0	0	0	0	4	1	29	3	4	0	63	278	3
Shelf	1980	S2B3	2	127	3.82	0.96	65	539	95	38	57	0	0	0	0	0	1	4	26	4	2	0	73	317	14
Shelf	1980	S2C1	1	142	3.57	0.93	65	665	58	27	28	2	1	0	0	0	4	0	31	3	1	0	66	499	2
Shelf	1980	S2C1	2	142	4.03	0.98	55	379	43	20	23	0	0	0	0	0	1	4	36	16	2	0	50	219	8
Shelf	1980	S2C2	1	173	3.84	0.97	55	362	38	25	11	2	0	0	0	0	0	1	39	0	1	0	94	182	5
Shelf	1980	S2C2	2	173	3.61	0.95	54	351	25	15	9	1	0	0	0	0	2	3	13	1	1	0	80	221	5
Shelf	1980	S2C4	1	133	4.18	0.97	85	492	34	21	9	1	3	0	0	0	1	5	7	0	0	0	168	277	0
Shelf	1980	S2C4	2	133	3.98	0.96	66	398	38	22	14	0	2	0	0	0	1	0	3	0	0	0	157	199	0
Shelf	1980	S2D1	1	115	3.88	0.97	68	387	70	18	52	0	0	0	0	0	0	11	85	4	0	0	56	160	1
Shelf	1980	S2D1	2	115	4.02	0.97	75	426	26	13	13	0	0	0	0	0	0	7	117	7	0	0	59	210	0
Shelf	1980	S2D2	1	118	3.93	0.96	76	475	23	16	7	0	0	0	0	0	0	4	179	6	0	0	58	204	1
Shelf	1980	S2D2	2	118	3.90	0.96	63	362	13	7	6	0	0	0	0	0	0	2	91	3	0	0	54	199	0
Shelf	1980	S2D3	1	118	3.56	0.94	37	122	30	10	20	0	0	0	0	0	0	0	8	0	0	0	17	66	1
Shelf	1980	S2D3	2	118	3.96	0.97	66	388	38	23	15	0	0	0	0	0	0	3	81	7	2	0	53	204	0
Village Bay	2003	R1	1	15	2.75	0.89	33	248	7	0	0	7	0	0	0	0	0	0	123	10	0	0	23	85	0
Village Bay	2003	R1	2	15	2.52	0.83	32	221	1	0	1	0	0	0	0	0	0	0	146	6	0	3	18	43	0
Village Bay	2003	R1	3	15	3.18	0.91	62	334	16	6	2	5	0	0	3	0	0	0	190	13	0	2	18	90	1
Village Bay	2003	R2	1	9	3.74	0.96	67	250	32	17	1	12	0	0	2	0	0	1	66	24	0	1	46	79	1
Village Bay	2003	R2	2	9	4.13	0.98	87	255	42	20	2	17	0	1	1	1	0	2	57	7	0	2	35	97	5
Village Bay	2003	R2	3	9	3.54	0.95	74	250	25	21	2	1	0	0	1	0	0	0	80	14	0	3	35	85	8

Appendix 3. Presence/absence of each taxon for general study areas (see Table 1 for study acronyms). Taxonomic coding by major group, family and genus/species is described in Macdonald et al. (2009). Family is listed where applicable.

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
ANHI	0000	0001		Hirudinea indet.								+					+							
ANHI	1138	0100	Piscicolidae	*Notostomum* sp.												+	+	+						
ANHI	1138	1138	Piscicolidae	Piscicolidae indet.						+	+	+												
ANOL	0000	0001		Oligochaeta indet.						+		+	+			+		+			+			
ANOL	1133	0075	Enchytraeidae	*Grania incerta*								+						+	+	+				
ANOL	1133	0080	Enchytraeidae	*Grania* sp.														+		+				
ANOL	1133	0095	Enchytraeidae	*Marionina* sp.																+				
ANOL	1133	1133	Enchytraeidae	Enchytraeidae indet.	+							+						+	+	+				
ANOL	1134	0050	Naididae	*Amphichaeta* sp.														+						
ANOL	1134	0295	Naididae	*Paranais litoralis*								+												
ANOL	1134	1134	Naididae	Naididae indet.														+						
ANOL	1136	0060	Tubificidae	*Bathydrilus litoreus*																				
ANOL	1136	0090	Tubificidae	*Limnodriloides barnardi*				+									+						+	
ANOL	1136	0092	Tubificidae	Limnodriloides sp.																				
ANOL	1136	0100	Tubificidae	*Tectidrilus diversus*				+				+						+					+	
ANOL	1136	0105	Tubificidae	*Tectidrilus* sp.								+				+		+	+					
ANOL	1136	0106	Tubificidae	nr. *Tectidrilus* sp.								+												
ANOL	1136	0107	Tubificidae	*Limnodriloides victoriensis*												+							+	
ANOL	1136	0195	Tubificidae	*Tubificoides bakeri*								+				+	+	+					+	
ANOL	1136	0196	Tubificidae	*Tubificoides diazi*																				
ANOL	1136	0197	Tubificidae	*Tubificoides brownae*																				
ANOL	1136	0198	Tubificidae	*Tubificoides foliatus*													+							
ANOL	1136	0199	Tubificidae	*Tubificoides wasselli*																				
ANOL	1136	0200	Tubificidae	*Tubificoides* sp.					+	+		+				+		+		+				
ANOL	1136	1136	Tubificidae	Tubificidae indet.				+	+	+	+	+		+		+	+	+	+	+				
ARAR	0000	0025		*Arachnida*						+														
BRAC	0000	0001		Brachiopoda indet.						+								+						
BRAC	0952	0055	Cancellothyrididae	*Terebratulina unguicula*								+			+					+				
BRAC	0952	0056	Cancellothyrididae	*Terebratulina* sp.								+												
BRAC	0954	0090	Laqueidae	*Laqueus californianus*											+									
BRAC	0955	0020	Platidiidae	*Platidia hornii*						+		+												
BRAC	0955	0025	Platidiidae	*Platidia* sp. 1													+							
BRAC	0957	0040	Dallinidae	*Terebratalia* sp.																				
BRYO	0000	0001		Bryozoa indet.		+			+	+		+				+		+			+			
BRYO	0000	0002		Ascophora indet.						+		+								+				
BRYO	0000	0040		Cyclostomata indet.								+												
BRYO	0000	0042		Ctenostomata indet.						+		+				+								
BRYO	0000	0044		Cheilostomata indet.						+		+						+						
BRYO	0961	0005	Aeteidae	*Aetea* sp.								+						+						
BRYO	0962	0010	Alcyonidiidae	*Alcyonidium gelatinosum*								+						+						
BRYO	0962	0015	Alcyonidiidae	*Alcyonidium mammillatum*														+						
BRYO	0962	0016	Alcyonidiidae	*Alcyonidium pedunculatum*								+												
BRYO	0962	0017	Alcyonidiidae	*Alcyonidium polyoum*								+					+	+						+
BRYO	0962	0019	Alcyonidiidae	*Alcyonidium* sp.														+						
BRYO	0964	0130	Annectocymidae	*Diaperoforma californica*								+								+				
BRYO	0964	0131	Annectocymidae	*Diaperoforma* sp.								+												
BRYO	0968	0020	Bugulidae	*Bugula* sp.								+				+								
BRYO	0968	0021	Bugulidae	*Bugula californica*														+	+					+
BRYO	0968	0022	Bugulidae	*Bugula pacifica*					+			+		+			+							+
BRYO	0968	0023	Bugulidae	*Bugula pugeti*														+						
BRYO	0968	0050	Bugulidae	*Caulibugula* sp.						+											+			
BRYO	0968	0051	Bugulidae	*Caulibugula californica*			+			+		+					+	+		+	+			
BRYO	0968	0053	Bugulidae	*Caulibugula ciliata*													+	+						
BRYO	0968	0055	Bugulidae	*Caulibugula occidentalis*														+						

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
BRYO	0968	0123	Bugulidae	*Dendrobeania curvirostrata*													+	+						
BRYO	0968	0124	Bugulidae	*Dendrobeania longispinosa*								+												
BRYO	0968	0125	Bugulidae	*Dendrobeania murrayana*														+						
BRYO	0968	0126	Bugulidae	*Dendrobeania* nr. *murrayana*								+												
BRYO	0968	0128	Bugulidae	*Dendrobeania* sp.						+		+					+	+						
BRYO	0968	0968	Bugulidae	Bugulidae indet.								+												
BRYO	0970	0090	Calloporidae	*Tegella* sp.																	+			
BRYO	0970	0098	Calloporidae	*Copidozoum protectum*																+				
BRYO	0970	0099	Calloporidae	*Copidozoum* nr. *adamantum*								+												
BRYO	0972	0030	Candidae	*Caberea ellisi*								+					+			+				
BRYO	0972	0100	Candidae	*Scrupocellaria* sp.																	+			
BRYO	0972	0101	Candidae	*Scrupocellaria* cf. *californica*														+						
BRYO	0972	0102	Candidae	*Scrupocellaria californica*								+												
BRYO	0972	0260	Candidae	*Tricellaria circumfernata*								+												
BRYO	0972	0261	Candidae	*Tricellaria* nr. *circumfernata*								+												
BRYO	0972	0263	Candidae	*Tricellaria erecta*								+												
BRYO	0972	0265	Candidae	*Tricellaria occidentalis*								+												
BRYO	0972	0267	Candidae	*Tricellaria* sp.								+												
BRYO	0972	0972	Candidae	Candidae indet.								+												
BRYO	0974	0080	Cellariidae	*Cellaria diffusa*								+					+	+			+			
BRYO	0974	0083	Cellariidae	*Cellaria mandibulata*														+						
BRYO	0974	0085	Cellariidae	*Cellaria* sp.								+												
BRYO	0978	0025	Entalophoridae	*Bientalophora cylindrica*														+						
BRYO	0980	0090	Chapperiidae	*Chaperiopsis patula*								+												
BRYO	0981	0095	Cheiloporinidae	*Cheilopora praelonga*								+												
BRYO	0982	0093	Clavoporidae	*Clavopora occidentalis*				+	+			+						+		+				
BRYO	0983	0105	Cribrilinidae	*Cribrilina annulata*														+						
BRYO	0983	0201	Cribrilinidae	*Reginella hippocrepis*														+						
BRYO	0983	0203	Cribrilinidae	*Reginella nitida*								+						+		+				
BRYO	0983	0205	Cribrilinidae	*Reginella* nr. *furcata*														+						
BRYO	0983	0207	Cribrilinidae	*Reginella* sp.						+														
BRYO	0984	0113	Crisiidae	*Crisia occidentalis*														+						
BRYO	0984	0115	Crisiidae	*Crisia pacifica*								+												
BRYO	0984	0118	Crisiidae	*Crisia* sp.								+				+	+	+			+			
BRYO	0984	0984	Crisiidae	Crisiidae indet.								+								+				
BRYO	0985	0133	Diastoporidae	*Diplosolen obelium*								+						+						
BRYO	0986	0147	Epistomiidae	*Hincksina pallida*													+							
BRYO	0987	0148	Escharellidae	*Haywardipora rugosa*								+												
BRYO	0988	0047	Hincksinidae	*Cauloramphus echinus*								+												
BRYO	0988	0049	Hincksinidae	*Cauloramphus spiniferum*								+												
BRYO	0989	0149	Hippoporinidae	*Lacerna fistulata*																				
BRYO	0989	0150	Hippoporinidae	*Hippoporina* sp.																+				
BRYO	0989	0155	Hippoporinidae	*Hippoporina insculpta*																				
BRYO	0990	0056	Hippothoidae	*Celleporella hyalina*				+		+		+		+		+	+	+			+			+
BRYO	0990	0057	Hippothoidae	*Celleporella* nr. *hyalina*																				
BRYO	0990	0060	Hippothoidae	*Celleporella* sp.								+				+		+						
BRYO	0990	0071	Hippothoidae	*Celleporina* nr. *robertsoniae*				+				+						+						
BRYO	0990	0073	Hippothoidae	*Celleporina* nr. *souleae*				+				+						+						+
BRYO	0990	0075	Hippothoidae	*Celleporina* sp.								+												

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
BRYO	0990	0241	Hippothoidae	*Trypostega claviculata*														+						
BRYO	0990	0242	Hippothoidae	*Trypostega* nr. *claviculata*								+												
BRYO	0991	0991	Lichenoporidae	Lichenoporidae indet.								+						+						
BRYO	0993	0137	Eucrateidae	*Eucratea* sp.																				
BRYO	0994	0160	Membraniporidae	*Membranipora membranacea*																				
BRYO	0994	0162	Membraniporidae	*Membranipora serrilamella*								+							+					+
BRYO	0994	0164	Membraniporidae	*Membranipora* sp.								+												
BRYO	0996	0140	Microporellidae	*Fenestrulina malusii*																+				
BRYO	0996	0143	Microporellidae	*Fenestruloides umbonata*								+												
BRYO	0996	0180	Microporellidae	*Microporella californica*								+												
BRYO	0996	0181	Microporellidae	*Microporella* nr. *californica*														+						
BRYO	0996	0183	Microporellidae	*Microporella setiformis*														+						
BRYO	0996	0185	Microporellidae	*Microporella* sp. A														+						
BRYO	0996	0188	Microporellidae	*Microporella umboniformis*														+						
BRYO	0996	0189	Microporellidae	*Microporella vibraculifera*								+						+						
BRYO	0996	0190	Microporellidae	*Microporella* sp.								+						+	+	+				
BRYO	0998	0175	Microporidae	*Micropora* sp.														+						
BRYO	1001	0212	Oncousoeciidae	*Rhynchozoon rostratum*														+						
BRYO	1001	0236	Oncousoeciidae	*Stomatopora* sp.								+												
BRYO	1001	0212	Reteporidae	*Rhynchozoon rostratum*														+						
BRYO	1001	0236	Reteporidae	*Stomatopora* sp.								+												
BRYO	1002	0151	Phylactellidae	*Lagenicella neosocialis*													+							
BRYO	1002	0152	Phylactellidae	*Lagenicella punctulata*								+								+				
BRYO	1002	0153	Phylactellidae	*Lagenicella spinulosa*				+				+		+				+						+
BRYO	1002	0154	Phylactellidae	*Lagenicella* sp.								+												
BRYO	1002	0158	Phylactellidae	*Lagenipora punctulata*								+												
BRYO	1002	0159	Phylactellidae	*Lagenipora* sp.								+								+				
BRYO	1002	1002	Phylactellidae	Phylactellidae indet.																+				
BRYO	1006	0217	Schizoporellidae	*Schizoporella incinnata*								+												
BRYO	1006	0219	Schizoporellidae	*Schizoporella* nr. *cornuta*								+												
BRYO	1006	0220	Schizoporellidae	*Schizoporella* sp.						+								+						
BRYO	1006	0221	Schizoporellidae	nr. *Schizoporella* sp.														+						
BRYO	1006	0222	Schizoporellidae	*Schizoporella unicornis*																+				
BRYO	1008	0195	Smittinidae	*Porella columbiana*				+				+								+				
BRYO	1008	0197	Smittinidae	*Porella* nr. *taylori*																				
BRYO	1008	0198	Smittinidae	*Porella* sp.						+														
BRYO	1008	0199	Smittinidae	*Porella porifera*								+							+					
BRYO	1008	0200	Smittinidae	*Raymondcia macginitiei*								+												
BRYO	1008	0233	Smittinidae	*Smittina landsborovi*														+						
BRYO	1008	0235	Smittinidae	*Smittina* sp.								+												
BRYO	1008	1008	Smittinidae	Smittinidae indet.																+				
BRYO	1009	0190	Stomachetosellidae	*Pleurocodonellina longirostrata*								+		+										
BRYO	1010	0237	Thalamoporellidae	*Thalmoporella californica*													+							
BRYO	1012	0267	Triticellidae	*Triticella elongata*						+						+								
BRYO	1012	0270	Triticellidae	*Triticella pedicellata*			+			+														
BRYO	1014	0255	Tubuliporidae	*Tubulipora pacifica*								+						+	+					
BRYO	1014	0257	Tubuliporidae	*Tubulipora tuba*								+						+	+					
BRYO	1014	0259	Tubuliporidae	*Tubulipora* sp.						+		+						+	+	+				

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
BRYO	1015	0275	Umbonulidae	*Umbonula arctica*								+												
BRYO	1016	0027	Vesiculariidae	*Bowerbankia gracilis*			+			+	+	+				+	+	+	+	+				
BRYO	1016	0028	Vesiculariidae	*Bowerbankia* sp.								+												
BRYO	1016	1016	Vesiculariidae	Vesiculariidae indet.													+							
CHAC	0673	0673	Halacaridae	Halacaridae indet.			+		+	+		+	+					+	+	+				
CHAC	0673	0679	Halacaridae	*Simognathus* sp.															+					
CHPY	0000	0001		Pycnogonida indet.														+		+				
CHPY	0662	0266	Ammotheidae	*Achelia gracilipes*																		+		
CHPY	0662	0268	Ammotheidae	*Achelia alaskensis*											+									
CHPY	0662	0269	Ammotheidae	*Achelia nudiuscula*																				
CHPY	0662	0270	Ammotheidae	*Ammothella spp.*																		+		
CHPY	0666	0058	Nymphonidae	*Nymphon grossipes*								+	+											
CHPY	0666	0060	Nymphonidae	*Nymphon pixellae*								+						+		+	+	+		
CHPY	0666	0065	Nymphonidae	*Nymphon nr. stipulum*								+												
CHPY	0666	0069	Nymphonidae	*Nymphon* sp.									+											
CHPY	0668	0020	Phoxichilidiidae	*Anoplodactylus erectus*																				
CHPY	0668	0026	Phoxichilidiidae	*Anoplodactylus viridintestinalis*			+			+														
CHPY	0668	0100	Phoxichilidiidae	*Phoxichilidium femoratum*																+				
CHPY	0670	0090	Pycnogonidae	*Pycnogonum rickettsi*																	+			
CHPY	0672	0150	Tanystylidae	*Tanystylum occidentalis*								+												
CNAN	0000	0001		Anthozoa indet.						+		+						+			+			
CNAN	0000	0004		Pennatulacea indet.		+						+			+		+	+	+					
CNAN	0000	0015		Actinaria indet.								+					+	+		+	+			
CNAN	0000	0020		Octocorallia indet.														+						
CNAN	0040	0040	Actiniidae	Actiniidae indet.					+									+		+				
CNAN	0040	0099	Actiniidae	*Anthopleura xanthogrammica*								+												
CNAN	0040	0210	Actiniidae	*Urticina* sp.												+					+			
CNAN	0041	0158	Actinostolidae	*Stomphia* sp.								+								+				
CNAN	0044	0135	Cerianthidae	*Pachycerianthus fimbriatus*			+			+	+	+	+				+			+	+			+
CNAN	0046	0101	Clavulariidae	*Clavularia* sp.														+						
CNAN	0048	0900	Corallimorphidae	*Corynactis californica*					+															
CNAN	0049	0100	Dendrophylliidae	*Balanophyllia elegans*								+						+						
CNAN	0052	0052	Edwardsiidae	Edwardsiidae indet.					+	+		+						+		+				
CNAN	0052	0100	Edwardsiidae	*Edwardsia sipunculoides*		+					+													
CNAN	0052	0104	Edwardsiidae	*Edwardsia* sp.								+									+			
CNAN	0052	0105	Edwardsiidae	Edwardsiidae sp. 1					+			+				+	+		+					
CNAN	0052	0106	Edwardsiidae	Edwardsiidae sp. 2 (Macdonald)								+												
CNAN	0052	0155	Edwardsiidae	nr. *Scolanthus* sp.														+						
CNAN	0058	0058	Halcampidae	Halcampidae indet.																				
CNAN	0058	0110	Halcampidae	*Halcampa* sp.														+						
CNAN	0058	0115	Halcampidae	*Halcampa decemtentaculata*						+		+					+	+		+	+			
CNAN	0062	0140	Haloclavidae	*Peachia spp.*														+						
CNAN	0062	0145	Haloclavidae	*Peachia quinquecapitata*								+						+						
CNAN	0070	0120	Metridiidae	*Metridium* sp.						+		+						+						
CNAN	0070	0125	Metridiidae	*Metridium senile*								+												
CNAN	0073	0129		Athenaria sp.																	+			
CNAN	0074	0150	Pennatulidae	*Ptilosarcus gurneyi*								+			+		+	+						
CNAN	0077	0102	Protoptilidae	*Distichoptilum gracile*																+				
CNAN	0082	0082	Virgulariidae	Virgulariidae indet.								+												
CNAN	0082	0090	Virgulariidae	*Acanthoptilum gracile*																				
CNAN	0082	0091	Virgulariidae	*Acanthoptilum* nr. *gracile*														+						

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CNAN	0082	0095	Virgulariidae	*Acanthoptilum* nr. *album*														+						
CNAN	0082	0097	Virgulariidae	*Acanthoptilum* sp.														+						
CNAN	0082	0160	Virgulariidae	*Stylatula elongata*								+						+						
CNAN	0082	0170	Virgulariidae	*Stylatula* sp.														+						
CNAN	0082	0250	Virgulariidae	*Virgularia agassizii*			+			+							+							
CNAN	0082	0255	Virgulariidae	*Virgularia* sp.						+		+	+											
CNAN	0082	0259	Virgulariidae	*Virgularia cystiferum*		+							+											
CNHY	0000	0001		Hydrozoa indet.						+		+	+					+			+			
CNHY	0084	0011	Aglaopheniidae	*Aglaophenia* sp.								+									+			
CNHY	0084	0030	Aglaopheniidae	*Cladocarpus gracilis*														+						
CNHY	0084	0032	Aglaopheniidae	*Cladocarpus* sp.								+												
CNHY	0088	0014	Bougainvilliidae	*Bougainvillea ramosa*								+												
CNHY	0088	0015	Bougainvilliidae	*Bougainvillea* nr. *ramosa*																				
CNHY	0088	0017	Bougainvilliidae	*Bougainvillea* sp.														+	+					
CNHY	0088	0088	Bougainvilliidae	Bougainvilliidae indet.																+				
CNHY	0088	0140	Bougainvilliidae	nr. *Rhizorhagium* sp.												+		+						
CNHY	0088	0150	Bougainvilliidae	*Rhizorhagium formosum*												+								
CNHY	0088	0160	Bougainvilliidae	*"Perigonimus" repens*			+	+		+		+				+	+	+	+	+				
CNHY	0090	0019	Campanulariidae	*Campanularia groenlandica*																				
CNHY	0090	0020	Campanulariidae	*Campanularia* spp.			+									+	+		+	+				
CNHY	0090	0040	Campanulariidae	*Clytia johnstoni*						+		+				+	+		+	+				
CNHY	0090	0041	Campanulariidae	*Clytia* nr. *johnstoni*								+						+						
CNHY	0090	0042	Campanulariidae	*Clytia* sp.							+	+					+							
CNHY	0090	0043	Campanulariidae	*Clytia* sp. A														+						
CNHY	0090	0070	Campanulariidae	*Obelia dichotoma*								+					+	+						
CNHY	0090	0071	Campanulariidae	*Obelia* sp. colony				+			+	+		+		+		+	+					+
CNHY	0090	0079	Campanulariidae	*Obelia geniculata*															+					
CNHY	0090	0090	Campanulariidae	Campanulariidae indet.						+		+							+	+				
CNHY	0090	0163	Campanulariidae	*Rhizocaulus verticillatus*													+							
CNHY	0092	0025	Campanulinidae	*Calycella syringa*													+	+						
CNHY	0092	0075	Campanulinidae	*Oplorhiza gracilis*														+						
CNHY	0093	0093	Clavidae	Clavidae indet.																+				
CNHY	0093	0165	Clavidae	*Rhizogeton* sp.														+						
CNHY	0094	0035	Corymorphidae	*Corymorpha palma*													+							
CNHY	0094	0036	Corymorphidae	*Corymorpha* sp.								+												
CNHY	0094	0058	Corymorphidae	*Euphysa* sp.								+								+				
CNHY	0095	0095	Corynidae	Corynidae indet.																+				
CNHY	0095	0170	Corynidae	*Sarsia tubulosa*														+						
CNHY	0096	0048	Eudendriidae	*Eudendrium* sp.								+												
CNHY	0096	0049	Eudendriidae	*Eudendrium insigne*												+								
CNHY	0097	0051	Haleciidae	*Halecium kofoidi*																				
CNHY	0097	0052	Haleciidae	*Halecium* nr. *kofoidi*														+						
CNHY	0097	0053	Haleciidae	*Halecium labrosum*				+				+						+						
CNHY	0097	0054	Haleciidae	*Halecium flexile*													+							
CNHY	0097	0055	Haleciidae	*Halecium nr. muricatum*														+						
CNHY	0097	0057	Haleciidae	*Halecium* sp.								+						+						
CNHY	0100	0100	Hydractiniidae	Hydractiniidae indet.																+				
CNHY	0100	0107	Hydractiniidae	*Hydractinia* sp.						+														
CNHY	0101	0064	Lafoeidae	*Lafoea* sp.							+							+	+					
CNHY	0101	0090	Lafoeidae	*Grammaria* sp.																	+			
CNHY	0101	0101	Lafoeidae	Lafoeidae indet.																	+			
CNHY	0101	0109	Lafoeidae	*Lafoea dumosa*											+									
CNHY	0104	0060	Olindiasidae	*Monobrachium parasitum*			+			+	+	+				+			+	+				
CNHY	0105	0066	Pandeidae	nr. *Leuckartiara* sp. colony														+						
CNHY	0105	0105	Pandeidae	Pandeidae indet.																				

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CNHY	0108	0153	Plumulariidae	*Plumularia corrugata*														+						
CNHY	0108	0155	Plumulariidae	*Plumularia setacea* colony														+						
CNHY	0108	0156	Plumulariidae	*Plumularia* sp.								+												
CNHY	0112	0001	Sertulariidae	*Abietinaria abietina*													+							
CNHY	0112	0003	Sertulariidae	*Abietinaria amphora*														+						
CNHY	0112	0005	Sertulariidae	*Abietinaria filicula*										+				+						
CNHY	0112	0007	Sertulariidae	*Abietinaria pacifica*								+						+						
CNHY	0112	0009	Sertulariidae	*Abietinaria variabilis*								+					+	+						
CNHY	0112	0010	Sertulariidae	*Abietinaria* sp.								+	+					+			+			
CNHY	0112	0047	Sertulariidae	*Dynamena operculata*													+							
CNHY	0112	0049	Sertulariidae	*Dynamena* sp.										+										
CNHY	0112	0050	Sertulariidae	*Hydrallmania* sp.														+						
CNHY	0112	0059	Sertulariidae	*Hydrallmania distans*																	+			
CNHY	0112	0112	Sertulariidae	Sertulariidae indet.								+								+				
CNHY	0112	0170	Sertulariidae	*Selaginopsis* sp.																	+			
CNHY	0112	0175	Sertulariidae	*Selaginopsis ornata*																+				
CNHY	0112	0179	Sertulariidae	*Pericladium mirabilis*																	+			
CNHY	0112	0185	Sertulariidae	*Sertularella* sp.									+					+						
CNHY	0112	0187	Sertulariidae	*Sertularella tenella*														+						
CNHY	0112	0188	Sertulariidae	*Sertularella nr. tenella*								+												
CNHY	0112	0189	Sertulariidae	*Sertularella tricuspidata*				+				+					+							
CNHY	0112	0190	Sertulariidae	*Sertularia* sp.				+				+						+						
CNHY	0112	0200	Sertulariidae	*Thuiaria* sp.								+		+				+			+			
CNHY	0112	0202	Sertulariidae	*Thuiaria distans*								+						+						
CNHY	0112	0207	Sertulariidae	*Thuiaria tenera*				+									+	+						
CNHY	0112	0208	Sertulariidae	*Thuiaria* nr. *tenera*														+						
CNHY	0112	0209	Sertulariidae	*Thuiaria thuja*								+												
CNHY	0113	0090	Tiarannidae	Stegopoma indet.									+											
CNHY	0114	0059	Tubulariidae	*Hybocodon prolifer*																+				
CNHY	0114	0114	Tubulariidae	Tubulariidae indet.					+							+				+	+			
CNHY	0114	0215	Tubulariidae	*Tubularia* sp.																+				
CNHY	0207	0114	Tubulariidae	*Tubularia marina*							+													
CNXX	0000	0001		Cnidaria indet.						+		+						+						
CRAM	0000	0001		Amphipoda indet.						+		+						+	+					
CRAM	0000	0002		Gammaridea indet.						+	+	+				+	+	+	+	+				
CRAM	0000	0003		Caprellidea indet.																+				
CRAM	0000	0004		Corophioidea indet.								+						+						
CRAM	0760	0649	Iphimediidae	*Iphimedia rickettsi*								+												
CRAM	0762	0055	Ampeliscidae	*Ampelisca agassizi*						+		+	+		+			+		+	+		+	
CRAM	0762	0060	Ampeliscidae	*Ampelisca brevisimulata*									+			+		+					+	
CRAM	0762	0070	Ampeliscidae	*Ampelisca careyi*						+		+						+			+			
CRAM	0762	0073	Ampeliscidae	*Ampelisca cristata*						+					+									
CRAM	0762	0075	Ampeliscidae	*Ampelisca fageri*								+												
CRAM	0762	0090	Ampeliscidae	*Ampelisca hancocki*			+			+		+			+		+	+	+	+			+	
CRAM	0762	0095	Ampeliscidae	*Ampelisca lobata*						+		+								+		+		
CRAM	0762	0100	Ampeliscidae	*Ampelisca macrocephala*														+						
CRAM	0762	0110	Ampeliscidae	*Ampelisca pugetica*				+		+			+				+	+		+	+	+	+	+
CRAM	0762	0120	Ampeliscidae	*Ampelisca* sp.				+		+		+			+		+	+		+	+			+
CRAM	0762	0140	Ampeliscidae	*Ampelisca unsocalae*			+			+	+	+	+		+	+	+	+		+				
CRAM	0762	0290	Ampeliscidae	*Byblis millsi*						+		+						+		+	+			
CRAM	0762	0300	Ampeliscidae	*Byblis* sp.								+			+		+	+						
CRAM	0762	0310	Ampeliscidae	*Byblis veleronis*								+						+						+
CRAM	0762	0311	Ampeliscidae	*Byblis gaimardi*											+									
CRAM	0762	0312	Ampeliscidae	*Byblis mulleni*																			+	
CRAM	0762	0313	Ampeliscidae	*Byblis pearcyi*											+									
CRAM	0762	0588	Ampeliscidae	*Haploops tubicola*								+	+		+						+			
CRAM	0762	0762	Ampeliscidae	Ampeliscidae indet.								+												

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CRAM	0766	0160	Ampithoidae	*Ampithoe* sp.				+										+	+					
CRAM	0766	0766	Ampithoidae	Ampithoidae indet.														+						
CRAM	0766	1277	Ampithoidae	*Peramphithoe lindbergi*																				
CRAM	0766	1278	Ampithoidae	*Peramphithoe plea*								+												
CRAM	0766	1280	Ampithoidae	*Peramphithoe* sp.								+												
CRAM	0766	1289	Ampithoidae	*Ampithoe lacertosa*															+					
CRAM	0767	0165	Anisogammaridae	*Anisogammarus pugettensis*																				
CRAM	0767	0440	Anisogammaridae	*Eogammarus confervicolus*												+								
CRAM	0767	0447	Anisogammaridae	*Eogammarus oclairi*													+							
CRAM	0767	1490	Anisogammaridae	*Ramellogammarus vancouverensis*																				
CRAM	0770	0210	Aoridae	*Aoroides columbiae*					+	+		+				+	+	+		+		+		
CRAM	0770	0220	Aoridae	*Aoroides exilis*								+						+						
CRAM	0770	0230	Aoridae	*Aoroides inermis*						+		+						+	+		+	+	+	
CRAM	0770	0240	Aoridae	*Aoroides intermedius*							+	+		+			+	+				+		+
CRAM	0770	0245	Aoridae	*Aoroides spinosus*								+						+		+				
CRAM	0770	0250	Aoridae	*Aoroides* sp.				+	+	+		+				+	+	+	+	+	+	+		+
CRAM	0770	0770	Aoridae	Aoridae indet.														+						
CRAM	0770	1240	Aoridae	*Paramicrodeutopus* cf. *schmitti*																				
CRAM	0770	1241	Aoridae	*Paramicrodeutopus* sp.																				
CRAM	0772	0270	Argissidae	*Argissa hamatipes*				+				+				+		+			+		+	
CRAM	0780	0314	Calliopiidae	*Calliopius pacificus*																+				
CRAM	0780	0315	Calliopiidae	*Calliopius* sp.								+	+					+						
CRAM	0780	0319	Calliopiidae	*Calliopius columbianus*					+															
CRAM	0780	0780	Calliopiidae	Calliopiidae indet.								+												
CRAM	0780	1206	Calliopiidae	*Paracalliopiella pratti*								+												
CRAM	0780	1207	Calliopiidae	*Paracalliopiella* sp.								+												
CRAM	0782	0320	Caprellidae	*Caprella mendax*						+		+						+			+			
CRAM	0782	0323	Caprellidae	*Caprella alaskana*								+					+							
CRAM	0782	0324	Caprellidae	*Caprella angusta*								+												
CRAM	0782	0325	Caprellidae	*Caprella gracilior*														+		+				
CRAM	0782	0326	Caprellidae	*Caprella pustulata*								+												
CRAM	0782	0327	Caprellidae	*Caprella irregularis*								+	+								+			
CRAM	0782	0328	Caprellidae	*Caprella laeviuscula*							+	+	+		+				+	+				
CRAM	0782	0329	Caprellidae	*Caprella striata*								+	+							+				
CRAM	0782	0330	Caprellidae	*Caprella* spp.					+			+			+		+	+		+	+			
CRAM	0782	0339	Caprellidae	*Caprella ferrea*																				+
CRAM	0782	0782	Caprellidae	Caprellidae indet.								+				+		+			+	+		
CRAM	0782	1025	Caprellidae	*Metacaprella anomala*								+												
CRAM	0782	1030	Caprellidae	*Metacaprella kennerlyi*								+						+						
CRAM	0782	1033	Caprellidae	*Metacaprella* sp.								+												
CRAM	0788	0045	Corophiidae	*Americorophium* sp.																				
CRAM	0788	0049	Corophiidae	*Americorophium salmonis*					+															
CRAM	0788	0330	Corophiidae	*Corophium crassicorne*																		+		
CRAM	0788	0331	Corophiidae	*Corophium* sp.								+						+				+		
CRAM	0788	0339	Corophiidae	*Monocorophium acherusicum*																				
CRAM	0788	1101	Corophiidae	*Monocorophium carlottensis*																+				
CRAM	0788	1103	Corophiidae	*Monocorophium acherusicum*						+		+												
CRAM	0788	1104	Corophiidae	*Monocorophium insidiosum*								+							+					
CRAM	0788	1105	Corophiidae	*Monocorophium* sp.					+			+												
CRAM	0792	0585	Dexaminidae	*Guernea reduncans*			+			+		+				+	+			+			+	

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CRAM	0792	0900	Dexaminidae	*Atylus collingi*																				
CRAM	0792	0901	Dexaminidae	*Atylus georgianus*					+															
CRAM	0792	1400	Dexaminidae	*Polycheria osborni*														+						
CRAM	0798	0500	Eusiridae	*Eusirus columbianus*								+				+	+	+		+				
CRAM	0798	0505	Eusiridae	*Eusirus cuspidatus*																				
CRAM	0798	0508	Eusiridae	*Eusirus minutus*														+						
CRAM	0798	0510	Eusiridae	*Eusirus propinquus*																				
CRAM	0798	0527	Eusiridae	*Eusirus* sp.						+											+			
CRAM	0798	0798	Eusiridae	Eusiridae indet.														+			+			
CRAM	0798	1140	Eusiridae	*Oradarea longimana*						+		+				+		+						
CRAM	0798	1141	Eusiridae	nr. *Oradarea longimana*								+												
CRAM	0798	1408	Eusiridae	*Pontogeneia* cf. *rostrata*								+												
CRAM	0798	1409	Eusiridae	*Pontogeneia* sp.															+					
CRAM	0798	1410	Eusiridae	*Pontogeneia inermis*				+				+							+					
CRAM	0798	1500	Eusiridae	*Rhachotropis* sp.						+		+			+	+		+			+			
CRAM	0798	1501	Eusiridae	*Rhachotropis clemens*						+			+					+						
CRAM	0798	1502	Eusiridae	*Rhachotropis conlanae*																+				+
CRAM	0798	1503	Eusiridae	*Rhachotropis barnardi*												+	+							
CRAM	0798	1505	Eusiridae	*Rhachotropis oculata*						+		+								+	+			
CRAM	0800	0800	Gammaridae	Gammaridae indet.						+		+												
CRAM	0804	0648	Hyalidae	*Hyale frequens*								+												
CRAM	0806	0090	Hyatellidae	*Allorchestes angusta*																				
CRAM	0807	0009	Hyperiidae	*Themisto pacifica*						+											+			
CRAM	0810	0260	Isaeidae	*Cheirimedeia* sp.											+									
CRAM	0810	0265	Isaeidae	*Cherimedeia macrocarpa americana*				+										+				+		
CRAM	0810	0266	Isaeidae	*Cheirimedeia zotea*													+				+			
CRAM	0810	0570	Isaeidae	*Gammaropsis spp.*								+						+	+					
CRAM	0810	0577	Isaeidae	*Gammaropsis barnardi*								+												
CRAM	0810	0579	Isaeidae	*Gammaropsis ellisi*															+					
CRAM	0810	0580	Isaeidae	*Gammaropsis thompsoni*								+						+			+	+		
CRAM	0810	0810	Isaeidae	Isaeidae indet.								+						+						
CRAM	0810	1290	Isaeidae	*Photis bifurcata*														+		+				
CRAM	0810	1300	Isaeidae	*Photis brevipes*				+		+		+	+		+	+	+	+	+	+	+	+	+	
CRAM	0810	1305	Isaeidae	*Photis lacia*						+		+	+					+					+	
CRAM	0810	1309	Isaeidae	*Photis pachydactyla*																			+	
CRAM	0810	1310	Isaeidae	*Photis macinerneyi*				+				+					+	+		+				
CRAM	0810	1312	Isaeidae	*Photis oligochaeta*																+				
CRAM	0810	1320	Isaeidae	*Photis parvidons*							+					+		+			+			
CRAM	0810	1328	Isaeidae	*Photis* cf. *viuda*													+							
CRAM	0810	1330	Isaeidae	*Photis* spp.						+	+	+			+	+	+	+	+	+	+	+		
CRAM	0810	1339	Isaeidae	*Photis conchicola*									+											
CRAM	0810	1438	Isaeidae	*Protomedeia articulata*								+						+			+			
CRAM	0810	1440	Isaeidae	*Protomedeia grandimana*			+		+	+	+	+		+	+	+	+	+	+		+			+
CRAM	0810	1450	Isaeidae	*Protomedeia prudens*								+				+		+					+	
CRAM	0810	1460	Isaeidae	*Protomedeia* sp.				+	+	+	+	+					+	+	+		+	+		+
CRAM	0810	1490	Isaeidae	*Protomedeia fasciata*																				
CRAM	0812	0450	Ischyroceridae	*Ericthonius brasiliensis*								+						+						
CRAM	0812	0460	Ischyroceridae	*Ericthonius hunteri*												+		+				+		
CRAM	0812	0470	Ischyroceridae	*Ericthonius rubricornis*			+			+		+					+	+		+				
CRAM	0812	0480	Ischyroceridae	*Ericthonius* sp.								+						+		+	+			
CRAM	0812	0650	Ischyroceridae	*Ischyrocerus anguipes*				+				+	+		+			+	+					
CRAM	0812	0660	Ischyroceridae	Ischyrocerus sp.						+								+						
CRAM	0812	0680	Ischyroceridae	*Jassa* sp.								+			+			+						
CRAM	0812	0681	Ischyroceridae	*Jassa shawi*								+												
CRAM	0812	0682	Ischyroceridae	*Jassa staudei*								+												
CRAM	0812	1080	Ischyroceridae	*Microjassa litotes*														+			+	+		

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CRAM	0812	1090	Ischyroceridae	*Microjassa* sp.								+				+	+	+	+	+				
CRAM	0822	0900	Leucothoidae	*Leucothoe* sp.														+						
CRAM	0822	0909	Leucothoidae	*Leucothoe spinicarpa*														+						
CRAM	0822	0910	Leucothoidae	*Leucothoe cf. spinicarpa*														+						
CRAM	0826	0018	Lysianassidae	*Acidostoma hancocki*								+												
CRAM	0826	0020	Lysianassidae	*Acidostoma* sp.														+				+		
CRAM	0826	0175	Lysianassidae	*Anonyx cf. lilljeborgi*								+								+				
CRAM	0826	0176	Lysianassidae	*Anonyx lilljeborgi*						+								+			+	+	+	
CRAM	0826	0180	Lysianassidae	*Anonyx laticoxae*								+						+						
CRAM	0826	0190	Lysianassidae	*Anonyx* sp.						+		+						+		+				
CRAM	0826	0272	Lysianassidae	*Aristias pacificus*								+				+								
CRAM	0826	0274	Lysianassidae	*Aruga holmesi*						+		+				+				+				
CRAM	0826	0640	Lysianassidae	*Hippomedon coecus*												+		+						+
CRAM	0826	0641	Lysianassidae	*Hippomedon columbianus*								+					+			+				
CRAM	0826	0644	Lysianassidae	*Hippomedon denticulatus*								+												
CRAM	0826	0645	Lysianassidae	*Hippomedon* sp.						+		+								+	+			
CRAM	0826	0646	Lysianassidae	*Hippomedon* sp. A (SCAMIT)								+												
CRAM	0826	0647	Lysianassidae	*Hippomedon zetesimus*								+												
CRAM	0826	0695	Lysianassidae	*Lepidepecreum garthi*												+	+	+		+			+	
CRAM	0826	0700	Lysianassidae	*Lepidepecreum gurjanovae*														+				+		
CRAM	0826	0704	Lysianassidae	*Lepidepecreum* sp. A (SCAMIT)								+												
CRAM	0826	0705	Lysianassidae	*Lepidepecreum spp.*						+					+	+								
CRAM	0826	0826	Lysianassidae	Lysianassidae indet.		+				+		+	+		+			+						
CRAM	0826	1130	Lysianassidae	*Opisa tridentata*						+		+				+	+	+		+			+	
CRAM	0826	1145	Lysianassidae	*Orchomene decipiens*						+		+					+	+		+				+
CRAM	0826	1149	Lysianassidae	*Orchomene obtusus*															+			+		
CRAM	0826	1150	Lysianassidae	*Orchomene pacificus*				+				+	+					+			+			
CRAM	0826	1155	Lysianassidae	*Orchomene cf. pinguis*			+			+		+						+			+		+	
CRAM	0826	1170	Lysianassidae	*Orchomene* sp.						+		+				+		+						
CRAM	0826	1190	Lysianassidae	*Pachynus cf. barnardi*							+	+						+				+		
CRAM	0826	1192	Lysianassidae	*Pachynus barnardi*		+				+					+	+							+	
CRAM	0826	1199	Lysianassidae	*Pachynus* sp.											+									
CRAM	0826	1420	Lysianassidae	*Prachynella lodo*	+					+		+				+	+	+		+	+			+
CRAM	0826	1480	Lysianassidae	*Psammonyx longimeris*								+						+						
CRAM	0826	1563	Lysianassidae	*Schisturella cocula*																+				
CRAM	0826	1610	Lysianassidae	*Wecomedon wecomus*								+												
CRAM	0826	1611	Lysianassidae	*Wecomedon* sp.																+				
CRAM	0827	0601	Megaluropidae	*Gibberosus* sp.																				
CRAM	0828	0828	Melphidippidae	Melphidippidae indet.						+		+												
CRAM	0828	1020	Melphidippidae	*Melphidippa amorita*								+												
CRAM	0828	1021	Melphidippidae	*Melphidippa* sp.																+	+			
CRAM	0828	1024	Melphidippidae	*Melphisana bola*																+				
CRAM	0829	0260	Melitidae	*Ceradocus spinicaudus*																				
CRAM	0829	0348	Melitidae	*Desdimelita californica*								+								+	+			
CRAM	0829	0350	Melitidae	*Desdimelita desdichada*				+	+	+		+				+	+	+	+	+	+	+		
CRAM	0829	0352	Melitidae	*Desdimelita* sp.					+									+				+		
CRAM	0829	0829	Melitidae	Melitidae indet.								+						+						
CRAM	0829	0920	Melitidae	*Maera danae*						+		+						+					+	
CRAM	0829	0925	Melitidae	*Maera jerrica*														+						
CRAM	0829	0928	Melitidae	*Maera loveni*													+							
CRAM	0829	0930	Melitidae	*Maera simile*														+						
CRAM	0829	0935	Melitidae	*Maera* sp.								+						+						
CRAM	0829	0988	Melitidae	*Megamoera bowmani*								+												
CRAM	0829	0990	Melitidae	*Megamoera subtener*								+						+						

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CRAM	0829	1010	Melitidae	*Melita* sp.						+		+							+					
CRAM	0829	1015	Melitidae	*Melita dentata*						+					+			+				+		
CRAM	0829	1017	Melitidae	*Melita sulca*															+					
CRAM	0832	0039	Oedicerotidae	*Americhelidium rectipalmum*						+		+				+								
CRAM	0832	0040	Oedicerotidae	*Americhelidium shoemakeri*	+					+	+	+		+	+	+	+	+	+	+	+	+	+	
CRAM	0832	0041	Oedicerotidae	*Americhelidium* sp.								+								+	+			
CRAM	0832	0042	Oedicerotidae	*Americhelidium variabilum*																				
CRAM	0832	0043	Oedicerotidae	*Americhelidium* cf. *variabilum*														+						
CRAM	0832	0275	Oedicerotidae	*Bathymedon flebilis*		+										+	+			+				
CRAM	0832	0280	Oedicerotidae	*Bathymedon pumilis*		+				+		+	+			+	+							
CRAM	0832	0285	Oedicerotidae	*Bathymedon* sp.			+			+	+	+									+			
CRAM	0832	0289	Oedicerotidae	*Bathymedon nepos*									+											
CRAM	0832	0290	Oedicerotidae	*Bathymedon caino*		+																		
CRAM	0832	0335	Oedicerotidae	*Deflexilodes norvegicus*												+								
CRAM	0832	0337	Oedicerotidae	*Deflexilodes enigmaticus*													+	+		+				
CRAM	0832	0340	Oedicerotidae	*Deflexilodes similis*	+		+					+				+	+			+				
CRAM	0832	0345	Oedicerotidae	*Deflexilodes* sp.								+						+						
CRAM	0832	0832	Oedicerotidae	Oedicerotidae indet.		+				+		+	+		+	+		+		+				
CRAM	0832	1101	Oedicerotidae	*Monoculodes glyconica*		+																		
CRAM	0832	1102	Oedicerotidae	*Monoculodes brevirostris*												+		+						
CRAM	0832	1104	Oedicerotidae	*Monoculodes diamesus*													+							
CRAM	0832	1106	Oedicerotidae	*Monoculodes latimanus*																+				
CRAM	0832	1107	Oedicerotidae	*Monoculodes perditus*			+													+				
CRAM	0832	1108	Oedicerotidae	*Monoculodes emarginatus*		+	+					+				+	+							
CRAM	0832	1109	Oedicerotidae	*Monoculodes* cf. *zernovi*								+												
CRAM	0832	1110	Oedicerotidae	*Monoculodes* sp.		+				+		+	+					+			+	+		
CRAM	0832	1111	Oedicerotidae	*Monoculodes zernovi*						+			+					+						
CRAM	0832	1119	Oedicerotidae	*Monoculodes recandesco*									+											
CRAM	0832	1120	Oedicerotidae	*Oediceroides* spp.												+								
CRAM	0832	1200	Oedicerotidae	*Pacificulodes zernovi*								+					+							
CRAM	0832	1205	Oedicerotidae	*Pacificulodes* sp.								+						+						
CRAM	0832	1620	Oedicerotidae	*Westwoodilla caecula*	+			+	+	+	+	+				+	+	+		+	+		+	
CRAM	0838	0838	Pardaliscidae	*Pardaliscidae*								+												
CRAM	0838	1115	Pardaliscidae	*Nicippe tumida*								+	+		+			+					+	
CRAM	0838	1265	Pardaliscidae	*Pardalisca tenuipes*						+		+				+		+						
CRAM	0838	1270	Pardaliscidae	*Pardalisca* sp.								+						+		+				
CRAM	0838	1273	Pardaliscidae	*Pardaliscella* sp.									+				+			+				
CRAM	0838	1560	Pardaliscidae	*Rhynohalicella halona*						+							+						+	
CRAM	0838	1561	Pardaliscidae	cf. *Rhynohalicella* sp.																				
CRAM	0844	0258	Phoxocephalidae	*Cephalophoxoides homilis*	+	+				+		+												
CRAM	0844	0420	Phoxocephalidae	*Eobrolgus* sp.								+						+				+		
CRAM	0844	0430	Phoxocephalidae	*Eobrolgus chumashi*					+	+		+						+		+	+	+		
CRAM	0844	0515	Phoxocephalidae	*Eyakia robusta*						+		+							+	+				+
CRAM	0844	0518	Phoxocephalidae	*Foxiphalus cognatus*														+			+			
CRAM	0844	0519	Phoxocephalidae	*Foxiphalus falciformis*				+				+					+		+					
CRAM	0844	0520	Phoxocephalidae	*Foxiphalus obtusidens*											+			+						
CRAM	0844	0525	Phoxocephalidae	*Foxiphalus oculatus*																				
CRAM	0844	0530	Phoxocephalidae	*Foxiphalus similis*						+	+	+						+			+	+		
CRAM	0844	0535	Phoxocephalidae	*Foxiphalus slatteryi*														+						
CRAM	0844	0540	Phoxocephalidae	*Foxiphalus* sp.								+						+			+	+		+

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CRAM	0844	0550	Phoxocephalidae	*Foxiphalus xiximeus*														+						
CRAM	0844	0559	Phoxocephalidae	*Grandifoxus* sp.											+									
CRAM	0844	0590	Phoxocephalidae	*Harpiniopsis fulgens*			+			+		+	+			+	+	+			+			
CRAM	0844	0600	Phoxocephalidae	*Heterophoxus affinis*			+	+			+	+				+	+	+		+	+			+
CRAM	0844	0610	Phoxocephalidae	*Heterophoxus conlanae*	+			+				+					+	+		+	+			+
CRAM	0844	0620	Phoxocephalidae	*Heterophoxus ellisi*							+	+					+	+	+	+	+	+		+
CRAM	0844	0625	Phoxocephalidae	*Heterophoxus oculatus*		+				+		+	+		+	+							+	
CRAM	0844	0630	Phoxocephalidae	*Heterophoxus spp.*				+		+	+	+					+	+		+	+	+		
CRAM	0844	0844	Phoxocephalidae	Phoxocephalidae indet.				+				+				+		+				+		
CRAM	0844	0940	Phoxocephalidae	*Majoxiphalus* sp.								+												
CRAM	0844	0950	Phoxocephalidae	*Mandibulophoxus mayi*														+						
CRAM	0844	0990	Phoxocephalidae	*Pseudharpinia* sp.																	+			
CRAM	0844	1050	Phoxocephalidae	*Metaphoxus frequens*				+		+		+			+	+	+	+		+			+	
CRAM	0844	1060	Phoxocephalidae	*Metaphoxus fultoni*														+						
CRAM	0844	1065	Phoxocephalidae	*Metaphoxus* sp.								+												
CRAM	0844	1220	Phoxocephalidae	*Parametaphoxus quaylei*						+		+						+		+				+
CRAM	0844	1221	Phoxocephalidae	*Parametaphoxus* sp.																				
CRAM	0844	1230	Phoxocephalidae	*Paraphoxus* sp.														+						
CRAM	0844	1233	Phoxocephalidae	*Paraphoxus communis*								+						+						
CRAM	0844	1234	Phoxocephalidae	*Paraphoxus gracilis*			+																	
CRAM	0844	1235	Phoxocephalidae	*Paraphoxus oculatus*		+							+					+					+	
CRAM	0844	1236	Phoxocephalidae	*Paraphoxus pacificus*								+						+						
CRAM	0844	1514	Phoxocephalidae	*Rhepoxynius abronius*														+						
CRAM	0844	1515	Phoxocephalidae	*Rhepoxynius barnardi*			+				+					+	+	+	+		+			
CRAM	0844	1516	Phoxocephalidae	*Rhepoxynius* nr. *barnardi*												+								
CRAM	0844	1520	Phoxocephalidae	*Rhepoxynius bicuspidatus*												+		+						
CRAM	0844	1525	Phoxocephalidae	*Rhepoxynius boreovariatus*								+		+						+	+			
CRAM	0844	1530	Phoxocephalidae	*Rhepoxynius daboius*						+								+						
CRAM	0844	1533	Phoxocephalidae	*Rhepoxynius pallidus*								+												
CRAM	0844	1540	Phoxocephalidae	*Rhepoxynius* sp.						+		+			+	+		+			+	+		
CRAM	0844	1550	Phoxocephalidae	*Rhepoxynius tridentatus*														+						
CRAM	0844	1555	Phoxocephalidae	*Rhepoxynius variatus*														+					+	
CRAM	0844	1556	Phoxocephalidae	*Rhepoxynius vigitegus*								+												
CRAM	0844	1559	Phoxocephalidae	*Rhepoxynius episburi*											+									
CRAM	0846	1285	Phtiscidae	*Perotripus brevis*								+						+						
CRAM	0848	0006	Pleustidae	Parapleustinae indet.														+						
CRAM	0848	0267	Pleustidae	*Chromopleustes lineatus*								+								+				
CRAM	0848	0333	Pleustidae	*Dactylopleustes* sp.						+		+												
CRAM	0848	0688	Pleustidae	*Kamptopleustes spinosus*																				
CRAM	0848	0845	Pleustidae	*Pleustes panoplus*																		+		
CRAM	0848	0848	Pleustidae	Pleustidae indet.						+		+					+	+			+	+		
CRAM	0848	0849	Pleustidae	*Pleusirus secorrus*															+					
CRAM	0848	0900	Pleustidae	*Gnathopleustes pugettensis*																	+			
CRAM	0848	1099	Pleustidae	*Micropleustes* sp.								+												
CRAM	0848	1237	Pleustidae	*Parapleustes americanus*												+								
CRAM	0848	1239	Pleustidae	*Parapleustes den*														+						
CRAM	0848	1250	Pleustidae	*Parapleustes* sp.								+			+			+			+			
CRAM	0848	1259	Pleustidae	*Parapleustes pugettensis*																				
CRAM	0848	1340	Pleustidae	*Pleusymtes subglaber*					+	+		+				+	+	+		+				
CRAM	0848	1345	Pleustidae	*Pleusymtes* sp.								+						+						
CRAM	0848	1568	Pleustidae	*Thorlaksonius* sp.								+												

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CRAM	0848	1580	Pleustidae	*Trachypleustes trevori*								+												
CRAM	0850	0370	Podoceridae	*Dulichia* sp.						+		+				+	+	+			+			
CRAM	0850	0375	Podoceridae	*Dulichia rhabdoplastis*						+		+						+						
CRAM	0850	0380	Podoceridae	*Dulichia spinosissima*														+						
CRAM	0850	0400	Podoceridae	*Dyopedos arcticus*								+				+		+	+					
CRAM	0850	0402	Podoceridae	*Dyopedos bispinus*														+			+			
CRAM	0850	0405	Podoceridae	*Dyopedos* sp.							+	+					+	+		+	+			
CRAM	0850	0409	Podoceridae	*Dyopedos normani*																			+	
CRAM	0850	0850	Podoceridae	Podoceridae indet.														+						
CRAM	0850	1203	Podoceridae	Paradulichia sp.																				
CRAM	0850	1350	Podoceridae	*Podoceropsis angustimana*														+						
CRAM	0850	1360	Podoceridae	*Podoceropsis* sp.								+						+						
CRAM	0850	1380	Podoceridae	*Podocerus* sp.														+						
CRAM	0851	0090		*Pontoporeia femorata*																	+			
CRAM	0854	0970	Protellidae	*Mayerella banksia*					+			+				+	+	+	+	+				
CRAM	0854	1588	Protellidae	*Tritella laevis*								+												
CRAM	0854	1590	Protellidae	*Tritella pilimana*												+		+		+				
CRAM	0854	1600	Protellidae	*Tritella* sp.									+					+						
CRAM	0858	0090	Stegocephalidae	*Stegocephalus* sp. A		+																		
CRAM	0859	0859	Stenothoidae	Stenothoidae indet.								+	+					+						
CRAM	0859	0860	Stenothoidae	*Stenothoe* sp.														+						
CRAM	0859	1068	Stenothoidae	*Metopa dawsoni*																				
CRAM	0859	1069	Stenothoidae	*Metopa propinqua*														+						
CRAM	0859	1070	Stenothoidae	*Metopa* sp.														+						
CRAM	0859	1209	Stenothoidae	*Parametopella ninis*								+												
CRAM	0859	1210	Stenothoidae	*Parametopella* sp.						+		+						+	+					
CRAM	0859	1430	Stenothoidae	*Proboloides* sp.														+						
CRAM	0862	0288	Synopiidae	*Bruzelia tuberculata*						+		+					+			+				
CRAM	0862	0997	Synopiidae	*Megatiron tropaksis*																				
CRAM	0862	1565	Synopiidae	*Syrrhoe longifrons*			+			+		+				+		+		+			+	
CRAM	0862	1570	Synopiidae	*Tiron biocellata*						+		+			+			+			+		+	
CRAM	0867	0090	Urothoidae	*Urothoe denticulata*									+											
CRCI	0000	0001		Cirripedia indet.						+		+						+			+			
CRCI	0000	0010		Balanomorpha indet.													+	+						
CRCI	0688	0498	Archaeobalanidae	*Semibalanus balanoides*								+												
CRCI	0688	0499	Archaeobalanidae	*Hesperibalanus hesperius*											+									
CRCI	0688	0500	Archaeobalanidae	*Semibalanus cariosus*														+						
CRCI	0690	0014	Balanidae	*Balanus balanus*														+						
CRCI	0690	0018	Balanidae	*Balanus cariosus*														+						
CRCI	0690	0020	Balanidae	*Balanus* sp.					+	+		+		+				+	+		+			+
CRCI	0690	0022	Balanidae	*Balanus crenatus*				+		+		+	+	+	+	+	+	+	+		+			+
CRCI	0690	0026	Balanidae	*Balanus glandula*							+	+						+	+					+
CRCI	0690	0030	Balanidae	*Balanus hesperius laevidomus*								+						+						
CRCI	0690	0040	Balanidae	*Balanus nubilus*														+						
CRCI	0690	0060	Balanidae	*Balanus rostratus*						+								+						
CRCI	0690	0690	Balanidae	Balanidae indet.								+			+			+						
CRCI	0691	0100	Chthamalidae	*Chthamalus dalli*														+						
CRCI	0692	0305	Scalpellidae	*Scalpellum columbianum*						+										+				
CRCO		0120		cf. *Mytilicola orientalis*																				
CRCO		0130	Clytemnestridae	*Clytemnestra* sp.																				
CRCO		0200	Harpacticidae	*Zaus* sp.				+											+					
CRCO	0000	0024		Calanoida indet.																	+			
CRCO	0000	0026		Harpacticoida indet.				+	+			+				+			+	+	+			
CRCO	0000	0028		Cyclopoida indet.				+				+				+	+		+	+				+
CRCO	0000	0030		Poecilostomatoida indet.					+			+				+	+	+						

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CRCO	0000	0090	Porcellidiidae	*Porcellidium* sp.															+					
CRCO	0000	0091		Lernaeopodidae indet.																				
CRCO	0000	0100		Herpyllobiidae indet.												+								
CRCO	0000	0209	Harpacticidae	*Tigriopus* sp.															+					
CRCO	0000	0900		Caligidae indet.																	+			
CRCO	0000	0901	Ectinosomatidae	*Pseudobradya crassipes*																				
CRCU	0000	0001		Cumacea indet.								+	+											
CRCU	0000	0002	Leuconiidae	*Macrocylindrus* sp.																				
CRCU	0698	0050	Bodotriidae	*Cyclaspis* sp.																				
CRCU	0698	0135	Bodotriidae	*Glyphocuma* sp.								+												
CRCU	0698	0200	Bodotriidae	*Vaunthompsonia* sp.								+			+					+				
CRCU	0698	0202	Bodotriidae	*Vaunthompsonia pacifica*						+		+												
CRCU	0700	0053	Diastylidae	*Diastylis abbotti*				+																
CRCU	0700	0054	Diastylidae	*Diastylis bidentata*							+	+							+				+	
CRCU	0700	0055	Diastylidae	*Diastylis alaskensis*								+						+	+		+			
CRCU	0700	0056	Diastylidae	*Diastylis dalli*							+	+			+									
CRCU	0700	0057	Diastylidae	*Diastylis* nr. *abbotti*								+												
CRCU	0700	0058	Diastylidae	*Diastylis paraspinulosa*						+	+	+	+		+		+	+		+			+	
CRCU	0700	0059	Diastylidae	*Diastylis* nr. *aspera*								+												
CRCU	0700	0060	Diastylidae	*Diastylis pellucida*		+	+			+		+	+		+	+	+	+			+		+	
CRCU	0700	0061	Diastylidae	*Diastylis koreana*								+												
CRCU	0700	0064	Diastylidae	*Diastylis* nr. *quadriplicata*								+												
CRCU	0700	0065	Diastylidae	*Diastylis quadriplicata*														+		+				
CRCU	0700	0069	Diastylidae	*Diastylis hirsuta*																			+	
CRCU	0700	0070	Diastylidae	*Diastylis santamariensis*				+				+						+		+	+	+		+
CRCU	0700	0072	Diastylidae	*Diastylis sentosa*								+								+				
CRCU	0700	0073	Diastylidae	*Diastylis tumida*						+														
CRCU	0700	0075	Diastylidae	*Diastylis umatillensis*		+	+					+					+			+				
CRCU	0700	0080	Diastylidae	*Diastylis* sp.				+		+		+	+		+	+	+	+		+	+			
CRCU	0700	0090	Diastylidae	*Diastylopsis tenuis*											+						+			
CRCU	0700	0091	Diastylidae	*Diastylopsis* sp.								+			+			+						
CRCU	0700	0092	Diastylidae	*Diastylis nucella*																	+			
CRCU	0700	0099	Diastylidae	*Diastylopsis dawsoni*											+									
CRCU	0700	0155	Diastylidae	*Leptostylis* sp.								+						+						
CRCU	0700	0157	Diastylidae	*Leptostylis abditis*								+												
CRCU	0700	0160	Diastylidae	*Leptostylis villosa*								+	+				+	+						
CRCU	0702	0140	Lampropidae	*Hemilamprops californicus*								+												
CRCU	0702	0150	Lampropidae	*Lamprops carinata*														+						
CRCU	0702	0151	Lampropidae	*Lamprops* sp.						+								+			+			
CRCU	0702	0152	Lampropidae	*Lamprops triserrata*																			+	
CRCU	0702	0155	Lampropidae	*Lamprops quadriplicatus*																	+	+		
CRCU	0702	0159	Lampropidae	*Lamprops* nr. *fuscata*															+					
CRCU	0702	0702	Lampropidae	Lampropidae indet.								+								+				
CRCU	0704	0100	Leuconidae	*Eudorella pacifica*	+	+	+			+	+	+	+	+	+	+	+	+		+	+		+	+
CRCU	0704	0109	Leuconidae	*Eudorella emarginata*		+									+									
CRCU	0704	0110	Leuconidae	*Eudorella* sp.		+				+						+								
CRCU	0704	0120	Leuconidae	*Eudorellopsis longirostris*					+	+	+	+				+	+	+		+	+			
CRCU	0704	0123	Leuconidae	*Eudorellopsis biplicata*								+			+			+	+				+	
CRCU	0704	0125	Leuconidae	*Eudorellopsis integra*			+					+	+			+	+	+			+			
CRCU	0704	0130	Leuconidae	*Eudorellopsis* sp.						+								+						
CRCU	0704	0145	Leuconidae	*Hemileucon* sp.																				
CRCU	0704	0170	Leuconidae	*Leucon* sp.		+	+			+		+			+	+		+			+			
CRCU	0704	0171	Leuconidae	*Leucon falcicosta*								+				+	+							
CRCU	0704	0172	Leuconidae	*Leucon* nr. *armatus*								+												

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CRCU	0704	0173	Leuconidae	*Leucon nasica*									+										+	
CRCU	0704	0174	Leuconidae	*Leucon armatus*													+			+				
CRCU	0704	0175	Leuconidae	*Leucon magnadentata*			+									+	+			+	+			
CRCU	0704	0177	Leuconidae	*Leucon subnasica*		+				+		+						+			+			
CRCU	0704	0179	Leuconidae	*Leucon varians*								+												
CRCU	0704	0704	Leuconidae	Leuconidae								+												
CRCU	0706	0020	Nannastacidae	*Campylaspis* sp.								+			+	+								
CRCU	0706	0021	Nannastacidae	*Campylaspis biplicata*						+						+	+			+				
CRCU	0706	0022	Nannastacidae	*Campylaspis californica*								+												
CRCU	0706	0023	Nannastacidae	*Campylaspis canaliculata*						+		+			+		+			+			+	
CRCU	0706	0025	Nannastacidae	*Campylaspis crispa*																				
CRCU	0706	0026	Nannastacidae	*Campylaspis hartae*								+								+				
CRCU	0706	0030	Nannastacidae	*Campylaspis rubromaculata*						+		+			+		+	+		+			+	
CRCU	0706	0033	Nannastacidae	*Campylaspis rufa*						+						+	+			+	+			
CRCU	0706	0040	Nannastacidae	*Cumella vulgaris*					+			+					+	+	+				+	
CRCU	0706	0042	Nannastacidae	*Cumella californica*								+								+				
CRCU	0706	0045	Nannastacidae	*Cumella* sp.								+			+									
CRCU	0706	0049	Nannastacidae	*Cumella* nr. *morion*																				
CRDE	0000	0001		Decapoda indet.		+						+									+			
CRDE	0000	0003		Natantia indet.								+												
CRDE	0000	0005		Brachyura indet.								+		+				+						+
CRDE	0000	0010		Anomura indet.								+												
CRDE	0000	0015		Caridea indet.				+	+			+						+	+	+				
CRDE	0875	0270	Atelecyclidae	*Telmessus cheiragonus*								+							+					+
CRDE	0876	0065	Axiidae	*Calocarides spinulicauda*						+		+												
CRDE	0880	0020	Callianassidae	*Callianassa* sp.									+	+				+	+					
CRDE	0880	0029	Callianassidae	Callianassidae indet.																				
CRDE	0880	0355	Callianassidae	*Neotrypaea californiensis*								+						+						
CRDE	0880	0360	Callianassidae	*Neotrypaea gigas*												+								
CRDE	0880	0362	Callianassidae	*Neotrypaea* sp.														+			+			
CRDE	0882	0033	Cancridae	*Cancer branneri*																				
CRDE	0882	0034	Cancridae	*Cancer gracilis*								+			+									
CRDE	0882	0035	Cancridae	*Cancer magister*					+			+						+	+					+
CRDE	0882	0040	Cancridae	*Cancer oregonensis*														+				+		+
CRDE	0882	0050	Cancridae	*Cancer productus*								+						+	+			+		+
CRDE	0882	0060	Cancridae	*Cancer* sp.	+							+		+				+	+			+		+
CRDE	0882	0882	Cancridae	*Cancridae*								+												
CRDE	0884	0080	Crangonidae	*Crangon alaskensis*				+				+			+			+						
CRDE	0884	0085	Crangonidae	*Crangon alba*											+			+						
CRDE	0884	0090	Crangonidae	*Crangon dalli*				+			+					+	+	+						
CRDE	0884	0092	Crangonidae	*Crangon franciscorum franciscorum*								+									+			
CRDE	0884	0095	Crangonidae	*Crangon nigricauda*														+						
CRDE	0884	0099	Crangonidae	*Crangon stylirostris*											+									
CRDE	0884	0100	Crangonidae	*Crangon* sp.				+				+						+						
CRDE	0884	0130	Crangonidae	*Mesocrangon munitella*				+				+				+		+						
CRDE	0884	0320	Crangonidae	*Neocrangon communis*						+		+				+		+			+			
CRDE	0884	0884	Crangonidae	Crangonidae indet.								+						+						
CRDE	0888	0160	Diogenidae	*Paguristes spp.*								+						+						
CRDE	0888	0170	Diogenidae	*Paguristes turgidus*					+						+		+	+					+	
CRDE	0892	0135	Galatheidae	*Munida quadrispina*			+			+		+					+			+				
CRDE	0894	0112	Grapsidae	*Hemigrapsus* sp.						+		+												
CRDE	0894	0113	Grapsidae	*Hemigrapsus oregonensis*								+												
CRDE	0894	0894	Grapsidae	Grapsidae indet.								+												

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CRDE	0898	0114	Hippolytidae	*Heptacarpus stimpsoni*																+				
CRDE	0898	0115	Hippolytidae	*Heptacarpus stylus*														+						
CRDE	0898	0120	Hippolytidae	*Heptacarpus* sp.								+						+						
CRDE	0898	0180	Hippolytidae	*Eualus avinus*												+		+			+		+	
CRDE	0898	0181	Hippolytidae	*Eualus berkeleyorum*													+							
CRDE	0898	0182	Hippolytidae	*Eualus herdmani*				+		+		+						+						
CRDE	0898	0183	Hippolytidae	*Eualus pusiolus*								+						+		+				+
CRDE	0898	0184	Hippolytidae	*Eualus suckleyi*														+						
CRDE	0898	0185	Hippolytidae	*Eualus* sp.								+						+		+	+			
CRDE	0898	0255	Hippolytidae	*Spirontocaris holmesi*						+		+	+											
CRDE	0898	0256	Hippolytidae	*Spirontocaris lamellicornis*								+												
CRDE	0898	0257	Hippolytidae	*Spirontocaris ochotensis*																+				
CRDE	0898	0258	Hippolytidae	*Spirontocaris snyderi*						+		+												
CRDE	0898	0259	Hippolytidae	*Spirontocaris spina*																+				
CRDE	0898	0260	Hippolytidae	*Spirontocaris* sp.								+	+					+				+		
CRDE	0898	0266	Hippolytidae	*Lebbeus* sp.			+																	
CRDE	0898	0269	Hippolytidae	*Spirontocaris arcuata*																				+
CRDE	0898	0898	Hippolytidae	Hippolytidae indet.				+				+						+			+	+		
CRDE	0908	0070	Majidae	*Chorilia longipes*								+							+					
CRDE	0908	0138	Majidae	*Oregonia bifurca*								+							+					
CRDE	0908	0140	Majidae	*Oregonia gracilis*								+						+		+	+			+
CRDE	0908	0143	Majidae	*Oregonia* sp.						+		+						+						
CRDE	0908	0246	Majidae	*Pugettia cf. richii*								+			+									
CRDE	0908	0247	Majidae	*Pugettia* sp.																+				+
CRDE	0908	0250	Majidae	*Scyra acutifrons*														+						
CRDE	0908	0280	Majidae	*Hyas lyratus*														+						
CRDE	0908	0908	Majidae	Majidae indet.								+						+				+		
CRDE	0913	0009		Chionoecetes sp.		+																		
CRDE	0914	0110	Paguridae	*Discorsopagurus schmitti*														+						
CRDE	0914	0115	Paguridae	*Discorsopagurus* sp.														+						
CRDE	0914	0145	Paguridae	*Elassochirus* sp.														+						
CRDE	0914	0150	Paguridae	*Elassochirus tenuimanus*														+						
CRDE	0914	0190	Paguridae	*Pagurus armatus*								+			+			+			+			
CRDE	0914	0191	Paguridae	*Pagurus beringanus*								+												
CRDE	0914	0192	Paguridae	*Pagurus caurinus*																				
CRDE	0914	0193	Paguridae	*Pagurus kennerlyi*														+						
CRDE	0914	0194	Paguridae	*Pagurus hemphilli*						+									+					
CRDE	0914	0195	Paguridae	*Pagurus ochotensis*												+		+			+			
CRDE	0914	0196	Paguridae	*Pagurus setosus*																	+			
CRDE	0914	0197	Paguridae	*Pagurus tanneri*								+												
CRDE	0914	0199	Paguridae	*Pagurus aleuticus*																	+			
CRDE	0914	0210	Paguridae	*Pagurus spp.*						+		+						+	+		+			
CRDE	0914	0914	Paguridae	Paguridae indet.									+		+			+						
CRDE	0922	0220	Pandalidae	*Pandalus borealis*														+						
CRDE	0922	0221	Pandalidae	*Pandalus eous*												+								
CRDE	0922	0223	Pandalidae	*Pandalus platyceros*														+						
CRDE	0922	0225	Pandalidae	*Pandalus* sp.								+						+						
CRDE	0928	0090	Pasiphaeidae	*Pasiphaea pacifica*		+				+			+											
CRDE	0932	0125	Pinnotheridae	*Fabia subquadrata*												+	+				+			
CRDE	0932	0209	Pinnotheridae	*Pinnixa eburna*		+																		
CRDE	0932	0230	Pinnotheridae	*Pinnixa occidentalis*	+	+	+		+	+	+	+		+	+	+	+	+	+	+	+			+
CRDE	0932	0235	Pinnotheridae	*Pinnixa schmitti*				+						+				+			+			+
CRDE	0932	0239	Pinnotheridae	*Pinnixa oregonensis*																				+
CRDE	0932	0240	Pinnotheridae	*Pinnixa* sp.			+	+		+		+	+	+	+		+	+		+	+	+		+
CRDE	0932	0248	Pinnotheridae	*Scleroplax granulata*								+		+							+			
CRDE	0932	0932	Pinnotheridae	Pinnotheridae indet.								+						+						

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CRDE	0946	0450	Upogebiidae	*Upogebia pugettensis*														+						
CRDE	0948	0285	Xanthidae	*Lophopanopeus bellus bellus*								+		+				+						+
CRDE	0948	0286	Xanthidae	*Lophopanopeus bellus diegensis*																				
CRDE	0948	0290	Xanthidae	*Lophopanopeus* sp.								+						+						
CRIS	0000	0001		Isopoda indet.								+						+	+					
CRIS	0000	0005		Asellota indet.														+						
CRIS	0000	0010		Anthuridea indet.														+						
CRIS	0000	0011		Epicaridea indet.																+				
CRIS	0720	0018	Aegidae	*Aega symmetrica*														+						
CRIS	0720	0125	Aegidae	*Rocinela americana*												+								
CRIS	0720	0126	Aegidae	*Rocinela angustata*											+		+							
CRIS	0720	0127	Aegidae	*Rocinela belliceps*												+					+		+	
CRIS	0720	0129	Aegidae	*Rocinela propodialis*								+									+			
CRIS	0720	0130	Aegidae	*Rocinela* sp.						+		+						+						
CRIS	0724	0040	Anthuridae	*Haliophasma geminatum*						+	+	+			+	+		+	+		+	+		
CRIS	0724	0050	Anthuridae	*Haliophasma* sp.																				+
CRIS	0726	0501	Arcturidae	*Idarcturus hedgpethi*																		+		
CRIS	0728	0015	Bopyridae	*Bopyroides hippolytes*								+												
CRIS	0730	0707	Cirolanidae	*Cirolana joanneae*						+														
CRIS	0735	0123	Desmosomatidae	*Prochelator* sp.								+												
CRIS	0735	0735	Desmosomatidae	Desmosomatidae indet.																+				
CRIS	0736	0020	Gnathiidae	*Gnathia* sp.			+			+		+			+	+	+	+		+				
CRIS	0736	0023	Gnathiidae	*Gnathia steveni*								+					+			+				
CRIS	0736	0024	Gnathiidae	*Gnathia tridens*													+							
CRIS	0736	0025	Gnathiidae	*Gnathia trilobata*						+		+	+		+			+						
CRIS	0736	0030	Gnathiidae	*Ceacognathia crenulatifrons*																				
CRIS	0736	0038	Gnathiidae	*Caecognathia sanctaecrucis*													+							
CRIS	0738	0070	Idoteidae	*Idotea* sp.																	+			
CRIS	0738	0078	Idoteidae	*Idotea urotoma*																				
CRIS	0738	0079	Idoteidae	*Idotea rufescens*															+					
CRIS	0738	0150	Idoteidae	*Synidotea angulata*														+						
CRIS	0738	0153	Idoteidae	*Synidotea nebulosa*											+			+						
CRIS	0738	0156	Idoteidae	*Synidotea nodulosa*											+	+	+	+					+	
CRIS	0738	0159	Idoteidae	*Synidotea picta*											+									
CRIS	0738	0160	Idoteidae	*Synidotea* sp.														+			+			
CRIS	0738	0165	Idoteidae	*Synidotea pettiboneae*												+								
CRIS	0738	0169	Idoteidae	*Synidotea bicuspida*																				
CRIS	0738	0190	Idoteidae	*Penidotea resecata*																				
CRIS	0738	0199	Idoteidae	*Synidotea media*											+									
CRIS	0738	0738	Idoteidae	Idoteidae indet.								+						+						
CRIS	0740	0063	Janiridae	*Ianiropsis kincaidi*						+		+												
CRIS	0740	0065	Janiridae	*Ianiropsis tridens*								+												
CRIS	0740	0067	Janiridae	*Ianiropsis* sp.																				
CRIS	0740	0090	Janiridae	*Janiralata* sp.														+						
CRIS	0740	0095	Janiridae	*Janiralata occidentalis*														+						
CRIS	0740	0097	Janiridae	*Janiralata solasteri*											+			+						
CRIS	0742	0110	Joeropsididae	*Joeropsis* sp.																+				
CRIS	0742	0115	Joeropsididae	*Joeropsis dubia*											+			+						
CRIS	0744	0117	Limnoriidae	*Limnoria algarum*								+												
CRIS	0744	0119	Limnoriidae	*Limnoria lignorum*					+	+		+					+							+
CRIS	0746	0145	Munnidae	*Munna* sp.								+						+	+					
CRIS	0746	0146	Munnidae	*Munna chromatocephala*								+								+				
CRIS	0746	0147	Munnidae	*Munna ubiquita*								+							+				+	
CRIS	0746	0746	Munnidae	Munnidae indet.								+						+						

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CRIS	0748	0145	Munnopsidae	*Baeonectes improvisus*			+																	
CRIS	0748	0148	Munnopsidae	*Munnopsurus* sp.						+							+			+				
CRIS	0750	0120	Paramunnidae	*Munnogonium tillerae*								+				+								
CRIS	0750	0122	Paramunnidae	*Munnogonium* sp.								+												
CRIS	0750	0135	Paramunnidae	*Pleurogonium californiense*																				
CRIS	0750	0140	Paramunnidae	*Pleurogonium rubicundum*			+		+	+		+						+						
CRIS	0750	0141	Paramunnidae	*Pleurogonium* sp.			+			+		+				+		+		+				
CRIS	0756	0035	Sphaeromatidae	*Gnorimosphaeroma* sp.					+			+												
CRIS	0756	0756	Sphaeromatidae	Sphaeromatidae indet.						+											+			
CRLE	0000	0009		Leptostraca indet.											+									
CRLE	0694	0020	Nebaliidae	*Nebalia pugettensis*						+		+			+			+		+				+
CRLE	0694	0025	Nebaliidae	*Nebalia* sp.																				
CRLE	0712	0040	Leptognathiidae	*Leptognathia* sp.		+									+									
CRMY	0000	0001		Mysidacea indet.								+	+					+						
CRMY	0696	0005	Mysidae	Mysini indet.								+												
CRMY	0696	0045	Mysidae	*Mysidella* sp.								+												
CRMY	0696	0050	Mysidae	*Pacificanthomysis nephrophthalma*														+			+			
CRMY	0696	0060	Mysidae	*Pseudomma berkeleyi*						+						+		+						
CRMY	0696	0068	Mysidae	*Pseudomma truncatum*														+			+			
CRMY	0696	0070	Mysidae	*Pseudomma* sp.												+	+				+			
CRMY	0696	0090	Mysidae	*Heteromysis odontops*						+														
CRMY	0696	0091	Mysidae	*Holmesiella anomala*		+																		
CRMY	0696	0099	Mysidae	*Alienacanthomysis macropsis*																	+			
CROS	0000	0001		Ostracoda indet.						+		+					+	+	+	+				
CROS	0674	0020	Cylindroleberididae	*Bathyleberis* sp.			+					+			+	+	+	+						
CROS	0674	0040	Cylindroleberididae	*Diasterope* sp.														+						
CROS	0674	0045	Cylindroleberididae	*Diasterope pilosa*									+					+						
CROS	0674	0064	Cylindroleberididae	*Leuroleberis* sp.																				
CROS	0674	0068	Cylindroleberididae	Parasterope sp.						+		+												
CROS	0674	0069	Cylindroleberididae	*Postasterope barnesi*																				
CROS	0674	0205	Cylindroleberididae	*Vargula americana*																+				
CROS	0674	0674	Cylindroleberididae	Cylindroleberididae indet.						+		+						+		+		+		
CROS	0675	0037	Cytheruridae	*Cytheropteron* sp.																				
CROS	0676	0676	Cyprididae	Cyprididae indet.																	+			
CROS	0677	0025	Cytheridae	*Cythere alveolivalva*																				
CROS	0679	0065	Loxoconchidae	*Loxoconcha* sp.				+		+		+						+	+	+				
CROS	0679	0066	Loxoconchidae	*Loxoconcha dentiarticula*																				
CROS	0681	0069	Paradoxostomatidae	*Paradoxostoma cuneata*																				
CROS	0681	0071	Paradoxostomatidae	*Paradoxostoma fraseri*																				
CROS	0681	0079	Paradoxostomatidae	*Paradoxostoma* sp.															+					
CROS	0682	0055	Philomedidae	*Euphilomedes carcharodonta*						+		+			+	+	+		+		+	+		+
CROS	0682	0058	Philomedidae	*Euphilomedes longiseta*																				
CROS	0682	0060	Philomedidae	*Euphilomedes producta*	+		+		+	+	+	+	+		+	+	+	+	+	+	+	+		+
CROS	0682	0061	Philomedidae	*Euphilomedes* sp.								+		+				+						+
CROS	0682	0063	Philomedidae	*Harbansus* sp.								+												
CROS	0682	0070	Philomedidae	*Philomedes dentata*						+		+				+								
CROS	0682	0110	Philomedidae	*Scleroconcha trituberculata*		+	+	+		+		+	+		+	+	+	+		+	+			
CROS	0683	0075	Pontocyprididae	*Pontocypris* sp.								+												
CROS	0683	0076	Pontocyprididae	*Pontocypris clemensi*																				
CROS	0684	0080	Rutidermatidae	*Rutiderma lomae*				+		+		+						+	+	+	+			
CROS	0684	0085	Rutidermatidae	*Rutiderma rostratum*																		+		

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
CROS	0684	0090	Rutidermatidae	*Rutiderma* sp.								+			+			+		+				
CROS	0686	0100	Sarsiellidae	*Sarsiella* sp.														+						
CROS	0686	0109	Sarsiellidae	*Eusarsiella pseudospinosa*									+											
CROS	0687	0015	Trachyleberididae	*Acanthocythereis* sp.																				
CROS	0687	0030	Trachyleberididae	*Cythereis serridentata*																				
CROS	0687	0031	Trachyleberididae	*Cythereis* sp.															+					
CROS	0689	0090	Halocyprididae	*Alacia alata minor*									+											
CROS	0689	0091	Halocyprididae	*Paraconchoecia elegans*									+											
CRTA	0000	0001		Tanaidacea indet.								+							+	+	+			
CRTA	0708	0015	Anarthruridae	*Araphura breviaria*									+											
CRTA	0708	0065	Anarthruridae	*Scoloura phillipsi*													+	+		+				
CRTA	0708	0080	Anarthruridae	*Siphonolabrum californiensis*																+				
CRTA	0708	0090	Anarthruridae	Anarthruridae indet.																	+			
CRTA	0710	0020	Leptocheliidae	*Leptochelia savignyi*	+			+		+		+		+				+	+	+		+		+
CRTA	0710	0023	Leptocheliidae	*Leptochelia* sp.																				
CRTA	0710	0024	Leptocheliidae	*Leptochelia dubia*														+			+	+		
CRTA	0712	0040	Paratanaidae	*Leptognathia gracilis*			+		+	+	+	+	+			+	+	+	+	+				
CRTA	0712	0041	Paratanaidae	cf. *Leptognathia gracilis*																				
CRTA	0712	0045	Paratanaidae	*Leptognathia brevimana*									+			+		+						
CRTA	0712	0047	Paratanaidae	*Leptognathia* sp.														+						
CRTA	0714	0053	Pseudotanaidae	*Pseudotanais oculatus*								+				+				+				
CRTA	0714	0100	Pseudotanaidae	*Pseudotanais californiensis*						+							+							
CRTA	0714	0107	Pseudotanaidae	*Pseudotanais* sp.													+							
CRTA	0716	0130	Tanaidae	*Zeuxo normani*								+									+			
CRTA	0716	0139	Tanaidae	*Sinelobus stanfordi*																				
CRXX	0000	0009		Crustacea indet.																	+			
ECAS	0000	0010		Asteroidea indet.								+	+			+								
ECAS	1020	0025	Asteriidae	*Evasterias troschelii*																				
ECAS	1020	0029	Asteriidae	*Pisaster* sp.										+										
ECAS	1020	0090	Asteriidae	*Pycnopodia helianthoides*					+															
ECAS	1032	0027	Ctenodiscidae	*Ctenodiscus crispatus*		+				+			+											
ECAS	1034	0009	Echinasteridae	*Henricia sanguinolenta*											+									
ECAS	1038	0015	Goniasteridae	*Ceramaster* sp.																+				
ECAS	1044	0090	Luididae	*Luidia foliolata*																	+			
ECAS	1052	0050	Pterasteridae	*Pteraster* sp.								+												
ECAS	1054	0020	Solasteridae	*Crossaster papposus*								+												
ECAS	1054	0021	Solasteridae	*Crossaster* sp.								+												
ECEC	0000	0001		Echinoidea indet.															+	+				
ECEC	1078	0900	Dendrasteridae	*Dendraster excentricus*											+									
ECEC	1082	0046	Schizasteridae	*Brisaster acutifrons*																				
ECEC	1082	0050	Schizasteridae	*Brisaster latifrons*			+				+	+	+			+							+	
ECEC	1086	0020	Strongylocentrotidae	*Strongylocentrotus drobachiensis*								+						+						+
ECEC	1086	0023	Strongylocentrotidae	*Strongylocentrotus franciscanus*																+				
ECEC	1086	0025	Strongylocentrotidae	*Strongylocentrotus* sp.					+	+		+												
ECEC	1086	0029	Strongylocentrotidae	*Strongylocentrotus pallidus*		+																		
ECHO	0000	0001		Holothuroidea indet.						+		+					+	+		+				+
ECHO	0000	0002		Apodida indet.												+				+				
ECHO	0000	0004		Dendrochirotida indet.														+						
ECHO	1090	0135	Caudinidae	*Paracaudina chilensis*								+									+			
ECHO	1092	0009	Chirodotidae	*Chirodota nanaimensis*											+									
ECHO	1092	0010	Chirodotidae	*Chirodota spp.*								+				+					+			
ECHO	1092	0015	Chirodotidae	*Chirodota albatrossii*		+	+			+		+	+			+			+					

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
ECHO	1092	1092	Chirodotidae	Chirodotidae indet.																+				
ECHO	1094	0020	Cucumariidae	*Cucumaria piperata*								+				+	+	+						
ECHO	1094	0025	Cucumariidae	*Cucumaria miniata*														+						+
ECHO	1094	0030	Cucumariidae	*Cucumaria pseudocurata*														+						
ECHO	1094	0040	Cucumariidae	*Cucumaria* sp.								+						+			+			+
ECHO	1094	0049	Cucumariidae	*Cucumaria pallida*																				+
ECHO	1094	0159	Cucumariidae	*Pseudocnus curatus*								+												
ECHO	1094	0160	Cucumariidae	*Pseudocnus lubricus*								+						+						
ECHO	1094	0170	Cucumariidae	*Pseudocnus spp.*								+												
ECHO	1094	0200	Cucumariidae	*Thyonidium* sp.								+												
ECHO	1094	1094	Cucumariidae	Cucumariidae indet.										+		+		+		+				
ECHO	1096	0120	Molpadiidae	*Molpadia spp.*						+		+						+						
ECHO	1096	0125	Molpadiidae	*Molpadia intermedia*		+	+					+	+		+	+	+				+		+	
ECHO	1098	0080	Phyllophoridae	*Havelockia spp.*																				
ECHO	1098	0085	Phyllophoridae	*Thyone benti*								+			+			+		+				
ECHO	1098	0140	Phyllophoridae	*Pentamera* sp.						+		+			+	+	+	+		+	+			+
ECHO	1098	0141	Phyllophoridae	*Pentamera lissoplaca*					+			+						+						+
ECHO	1098	0143	Phyllophoridae	*Pentamera pediparva*								+						+						
ECHO	1098	0145	Phyllophoridae	*Pentamera populifera*					+	+		+				+	+	+	+	+			+	
ECHO	1098	0150	Phyllophoridae	*Pentamera pseudocalcigera*		+	+			+		+				+	+	+		+	+		+	
ECHO	1098	0153	Phyllophoridae	*Pentamera rigida*								+				+	+	+						
ECHO	1098	0158	Phyllophoridae	*Pentamera trachyplaca*								+						+			+			
ECHO	1098	1098	Phyllophoridae	Phyllophoridae indet.								+						+						
ECHO	1098	1099	Phyllophoridae	Phyllophoridae sp. A														+						
ECHO	1100	0174	Psolidae	*Psolidium bidiscum*								+						+						
ECHO	1100	0180	Psolidae	*Psolus chitonoides*						+		+												
ECHO	1100	0183	Psolidae	*Psolus squamatus*								+												
ECHO	1100	1100	Psolidae	Psolidae indet.								+						+						
ECHO	1102	0060	Sclerodactylidae	*Eupentacta* spp.														+						
ECHO	1102	0065	Sclerodactylidae	*Eupentacta pseudoquinquesemita*														+		+				+
ECHO	1102	1102	Sclerodactylidae	Sclerodactylidae indet.														+						
ECHO	1108	0100	Synaptidae	*Leptosynapta transgressor*			+			+		+			+			+						
ECHO	1108	0103	Synaptidae	*Leptosynapta clarki*								+												
ECHO	1108	0105	Synaptidae	*Leptosynapta* sp.								+						+			+	+		
ECHO	1108	0109	Synaptidae	*Leptosynapta roxtana*											+									
ECHO	1108	1108	Synaptidae	Synaptidae indet.								+								+				
ECOP	0000	0001		Ophiuroidea indet.	+	+	+		+	+	+	+				+	+	+	+	+				
ECOP	0000	0038		Ophiurida indet.												+		+		+	+			
ECOP	1058	0010	Amphiuridae	*Amphiodia urtica/periercta*								+						+				+		
ECOP	1058	0020	Amphiuridae	*Amphiodia periercta*						+	+	+			+	+	+	+	+					
ECOP	1058	0030	Amphiuridae	Amphiodia sp.	+		+			+	+	+				+	+	+	+	+	+	+		
ECOP	1058	0040	Amphiuridae	*Amphiodia urtica*			+			+	+	+				+	+		+	+				
ECOP	1058	0045	Amphiuridae	*Amphioplus macraspis*											+	+				+			+	
ECOP	1058	0048	Amphiuridae	*Amphioplus* sp.								+	+		+	+	+	+	+	+				
ECOP	1058	0050	Amphiuridae	*Amphioplus strongyloplax*		+							+		+	+	+	+		+			+	
ECOP	1058	0051	Amphiuridae	*Amphipholis pugetana*			+					+			+									+
ECOP	1058	0053	Amphiuridae	*Amphipholis squamata*					+			+		+	+	+	+	+		+	+			+
ECOP	1058	0055	Amphiuridae	*Amphipholis* sp.								+				+		+		+	+			+
ECOP	1058	0056	Amphiuridae	*Amphiura carchara*																+				
ECOP	1058	0057	Amphiuridae	*Amphiura* sp.						+		+									+			
ECOP	1058	0090	Amphiuridae	*Amphiodia occidentalis*															+					+
ECOP	1058	1058	Amphiuridae	Amphiuridae indet.								+	+		+	+	+	+		+	+	+		

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
ECOP	1060	0090	Gorgonocephalidae	*Gorgonocephalus eucnemis*								+												
ECOP	1062	0070	Ophiacanthidae	*Ophiacantha* sp.									+											
ECOP	1064	0080	Ophiactidae	*Ophiopholis aculeata*																				
ECOP	1064	0085	Ophiactidae	*Ophiopholis* sp.																+				
ECOP	1072	0074	Ophiotricidae	*Ophiothrix koreana*								+												
ECOP	1072	0075	Ophiotricidae	*Ophiothrix spiculata*								+						+		+				
ECOP	1072	0076	Ophiotricidae	*Ophiothrix* sp.																+				
ECOP	1074	0058	Ophiuridae	*Ophiura leptoctenia*		+	+					+	+			+	+							
ECOP	1074	0060	Ophiuridae	*Ophiura luetkenii*						+		+	+		+	+	+	+	+	+	+		+	+
ECOP	1074	0065	Ophiuridae	*Ophiura sarsi*		+			+	+	+	+	+		+	+	+	+	+	+	+		+	
ECOP	1074	0070	Ophiuridae	*Ophiura* sp.		+	+			+		+	+		+	+	+	+		+	+	+		
ECOP	1074	1074	Ophiuridae	Ophiuridae indet.														+		+				
ENTO	0958	0040	Barentsiidae	*Barentsia benedeni*					+	+		+				+	+	+	+	+				
ENTO	0958	0045	Barentsiidae	*Barentsia ramosa*																+				
ENTO	0958	0047	Barentsiidae	*Barentsia* sp.							+	+					+			+				
ENTO	0960	0080	Loxosomatidae	*Loxosomella* sp.														+						
EURA	0000	0001		Echiura indet.					+	+		+	+			+	+	+						
EURA	0322	0030	Bonelliidae	*Nellobia eusoma*			+					+												
EURA	0322	0322	Bonelliidae	*Bonelliidae*														+						
EURA	0323	0009	Echiuridae	*Arhynchite californicus*												+	+							
EURA	0323	0010	Echiuridae	*Arhynchite pugettensis*			+			+		+						+	+	+				
EURA	0323	0012	*Echiuridae*	*Arhynchite* sp.																+				
EURA	0323	0015	Echiuridae	*Echiurus echiurus alaskensis*								+				+								
EURA	0323	0019	Echiuridae	Echiuridae indet.																				
EURA	0324	0020	Thalassematidae	*Listriolobus* sp.												+								
HEMI	0000	0001		*Enteropneusta*								+						+		+				
HEMI	1126	0010	Harrimaniidae	*Saccoglossus* sp.			+	+		+	+	+					+	+						
HEMI	1126	0030	Harrimaniidae	*Stereobalanus* sp.													+	+						
HEMI	1128	0008	Ptychoderidae	*Balanoglossus* sp.				+								+	+	+						
HEMI	1130	0020	Spengeliidae	*Schizocardium* sp.												+		+	+					
KINO	0000	0001		Cyclorhagida indet.																				
KINO	0000	0009		*Pycnophyes sanjuanensis*																			+	
KINO	1152	0010	Pycnophyidae	*Kinorhynchus ilyocryptus*								+				+	+			+				
MEMO			Lysianassidae	*Koroga megalops*																				
MEMO			Sagittidae	*Sagitta* sp.		+				+					+						+			
MEMO			Hydroptilidae	*Stactobia inexpectata*		+				+					+						+			
MEMO			Euphausiidae	*Thysanoessa raschii*		+				+					+						+			
MEMO			Euphausiidae	*Thysanoessa* sp.		+				+					+						+			
MEMO	0000	0000	Cyphocarididae	*Cyphocaris challengeri*									+								+			
MEMO	0000	0009	Mysidae	*Archaeomysis grebnitzkii*																				
MEMO	0000	0250		Fischerinidae indet.								+												
MEMO	0000	0309	Limacinidae	*Limacina helicina*											+									
MEMO	0000	0345		Lagenidae indet.								+												
MEMO	0000	0900	Hyperiidae	*Hyperia medusarum*		+							+											
MEMO	0845	0900	Phrosinidae	*Primno macropa*									+											
MEMO	0855	0900	Scinidae	*Scina borealis*									+											
MOAP	0000	0001		Aplacophora indet.		+						+				+	+							
MOAP	0338	0020	Chaetodermatidae	*Chaetoderma spp.*		+				+		+	+		+	+	+	+		+	+			
MOAP	0338	0030	Chaetodermatidae	*Chaetoderma argenteum*		+	+			+	+	+				+	+	+	+				+	
MOAP	0338	0031	Chaetodermatidae	*Chaetoderma elegans*						+										+				
MOAP	0338	0032	Chaetodermatidae	*Chaetoderma nr. marinelli*								+												

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
MOAP	0338	0033	Chaetodermatidae	*Chaetoderma marinelli*																+				
MOAP	0338	0039	Chaetodermatidae	*Chaetoderma attenuatum*									+											
MOAP	0338	0040	Chaetodermatidae	*Chaetoderma robustum*									+											
MOAP	0338	0049	Chaetodermatidae	*Chaetoderma* sp. A		+																		
MOAP	0338	0060	Chaetodermatidae	*Chaetoderma* sp. B									+											
MOAP	0338	0090	Chaetodermatidae	*Chaetoderma whitlachi*									+											
MOAP	0338	0338	Chaetodermatidae	Chaetodermatidae indet.						+						+		+			+			
MOAP	0340	0060	Limifossoridae	*Limifossor* sp.			+					+												
MOAP	0340	0061	Limifossoridae	*Limifossor cf. fratula*			+																	
MOAP	0341	0050	Falcidentidae	*Falcidens longus*			+			+		+					+			+				
MOAP	0341	0052	Falcidentidae	*Falcidens nr. hartmanae*																+				
MOAP	0342	0090	Prochaetodermatidae	*Prochaetoderma yongei*									+											
MOAP	0342	0091	Prochaetodermatidae	*Spathoderma clenchi*									+											
MOBI	0000	0001		Bivalvia indet.			+	+	+	+		+		+		+	+	+	+		+			+
MOBI	0000	0009		Veneroida indet.		+																		
MOBI	0000	0010		Myoida indet.													+							
MOBI	0348	0818	Anomiidae	*Pododesmus macrochisma*								+												
MOBI	0348	0820	Anomiidae	*Pododesmus* sp.														+						
MOBI	0352	0040	Astartidae	*Astarte borealis*											+									
MOBI	0352	0042	Astartidae	*Astarte montagui*											+									
MOBI	0352	0045	Astartidae	*Astarte elliptica*						+		+			+									
MOBI	0352	0047	Astartidae	*Astarte esquimalti*						+		+			+							+		
MOBI	0352	0049	Astartidae	*Astarte* sp.								+					+							
MOBI	0354	0105	Cardiidae	*Clinocardium blandum*								+		+	+			+				+		+
MOBI	0354	0110	Cardiidae	*Clinocardium californiense*								+						+						
MOBI	0354	0112	Cardiidae	*Clinocardium ciliatum*										+	+	+	+	+						
MOBI	0354	0120	Cardiidae	*Clinocardium fucanum*														+	+					
MOBI	0354	0130	Cardiidae	*Clinocardium nuttallii*		+			+			+		+	+	+	+	+	+		+	+		+
MOBI	0354	0140	Cardiidae	*Clinocardium* sp.					+			+		+		+	+	+	+		+			
MOBI	0354	0354	Cardiidae	Cardiidae indet.								+						+						
MOBI	0354	0680	Cardiidae	*Nemocardium centifilosum*						+	+	+			+	+	+	+		+	+		+	
MOBI	0354	0877	Cardiidae	*Serripes groenlandicus*																				
MOBI	0356	0194	Carditidae	*Cyclocardia crebricostata*								+												
MOBI	0356	0195	Carditidae	*Cyclocardia gouldi*														+						
MOBI	0356	0200	Carditidae	*Cyclocardia ventricosa*			+				+	+	+		+	+	+	+			+	+	+	+
MOBI	0356	0203	Carditidae	*Cyclocardia ovata*													+							
MOBI	0356	0205	Carditidae	Cyclocardia sp.						+		+				+	+	+				+		
MOBI	0356	0597	Carditidae	*Miontodiscus prolongatus*								+												
MOBI	0366	0071	Cuspidariidae	*Cardiomya californica*								+			+								+	
MOBI	0366	0073	Cuspidariidae	*Cardiomya planetica*			+					+	+		+									
MOBI	0366	0075	Cuspidariidae	*Cardiomya pectinata*						+		+	+		+	+	+	+		+				
MOBI	0366	0076	Cuspidariidae	*Cardiomya* sp.								+				+								
MOBI	0366	0079	Cuspidariidae	*Cardiomya pseustes*																			+	
MOBI	0366	0090	Cuspidariidae	*Cuspidaria apodema*									+											
MOBI	0372	0876	Galeommatidae	*Scintillona bellerophon*								+				+				+		+		
MOBI	0374	0374	Gastrochaenidae	Gastrochaenoidea indet.													+							
MOBI	0376	0900	Glycymerididae	*Glycymeris subobsoleta*											+									
MOBI	0378	0260	Hiatellidae	*Hiatella arctica*		+			+	+	+	+	+	+	+			+	+	+	+	+	+	
MOBI	0378	0265	Hiatellidae	*Hiatella* sp.														+						
MOBI	0378	0378	Hiatellidae	Hiatellidae indet.													+							

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
MOBI	0378	0804	Hiatellidae	*Panomya ampla*														+						
MOBI	0378	0805	Hiatellidae	*Panomya* sp.								+						+			+			
MOBI	0378	0810	Hiatellidae	*Panopea abrupta*													+	+						
MOBI	0378	0865	Hiatellidae	*Saxicavella pacifica*														+						
MOBI	0384	0275	Lasaeidae	*Kellia* sp.														+						
MOBI	0384	0277	Lasaeidae	*Kellia suborbicularis*								+						+						
MOBI	0384	0384	Lasaeidae	Lasaeidae indet.			+			+		+				+	+							
MOBI	0384	0670	Lasaeidae	*Mysella* sp.	+						+		+		+			+						
MOBI	0384	0673	Lasaeidae	*Neaeromya compressa*											+			+			+		+	
MOBI	0384	0675	Lasaeidae	*Neaeromya rugifera*			+		+			+	+			+					+			
MOBI	0384	0679	Lasaeidae	*Neaeromya myaciformis*		+																		
MOBI	0384	0750	Lasaeidae	*Orobitella* spp.																	+			
MOBI	0384	0850	Lasaeidae	*Rochefortia compressa*								+				+	+	+						
MOBI	0384	0855	Lasaeidae	Rochefortia sp.				+				+				+								
MOBI	0384	0857	Lasaeidae	*Rochefortia grippi*								+				+	+							
MOBI	0384	0860	Lasaeidae	*Rochefortia tumida*			+	+	+	+		+		+		+	+	+	+	+	+	+		+
MOBI	0388	0017	Limidae	*Acesta mori*								+												
MOBI	0388	0271	Limidae	*Limatula saturna*																+				
MOBI	0392	0278	Lucinidae	*Lucinisca nuttalli*																				
MOBI	0392	0280	Lucinidae	*Lucinoma annulatum*						+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
MOBI	0392	0392	Lucinidae	Lucinidae indet.										+	+									
MOBI	0392	0800	Lucinidae	*Parvilucina tenuisculpta*	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+		+
MOBI	0394	0240	Lyonsiidae	*Entodesma navicula*														+						
MOBI	0394	0249	Lyonsiidae	*Entodesma* sp.	+																			
MOBI	0394	0285	Lyonsiidae	*Lyonsia arenosa*																				
MOBI	0394	0290	Lyonsiidae	*Lyonsia bracteata*							+	+			+					+			+	
MOBI	0394	0300	Lyonsiidae	*Lyonsia californica*						+		+	+	+	+	+	+	+	+	+	+	+		
MOBI	0394	0320	Lyonsiidae	*Lyonsia* sp.								+					+	+						
MOBI	0396	0090	Mactridae	*Simomactra falcata*																				
MOBI	0396	0309	Mactridae	*Mactromeris polynyma*																		+		
MOBI	0396	0396	Mactridae	*Mactridae*								+												
MOBI	0398	0350	Malletiidae	*Malletia spp.*																				
MOBI	0400	0009	Manzanellidae	*Huxleyia munita*																			+	
MOBI	0402	0402	Myidae	Myidae indet.								+						+						
MOBI	0402	0627	Myidae	*Cryptodonta* sp.						+														
MOBI	0402	0630	Myidae	*Cryptomya californica*								+							+					
MOBI	0402	0635	Myidae	*Mya arenaria*		+			+			+	+			+	+	+	+		+	+		
MOBI	0402	0639	Myidae	*Cryptomya* sp.															+					
MOBI	0402	0640	Myidae	*Mya truncata*					+	+		+						+						
MOBI	0402	0645	Myidae	*Mya* sp.	+							+				+	+	+						
MOBI	0404	0180	Mytilidae	*Crenella decussata*								+			+			+	+	+			+	
MOBI	0404	0182	Mytilidae	Crenellinae indet.								+												
MOBI	0404	0190	Mytilidae	*Dacrydium vitreum*											+									
MOBI	0404	0404	Mytilidae	Mytilidae indet.						+		+						+	+		+			
MOBI	0404	0600	Mytilidae	*Modiolus modiolus*								+					+	+						+
MOBI	0404	0603	Mytilidae	*Modiolus neglectus*														+						
MOBI	0404	0605	Mytilidae	*Modiolus rectus*									+											
MOBI	0404	0609	Mytilidae	*Modiolus difficilus*									+											
MOBI	0404	0610	Mytilidae	*Modiolus* sp.								+						+			+	+		
MOBI	0404	0620	Mytilidae	*Musculus discors*						+		+						+			+			+
MOBI	0404	0623	Mytilidae	*Musculus glacialis*													+							
MOBI	0404	0625	Mytilidae	*Musculus niger*							+							+						
MOBI	0404	0628	Mytilidae	*Musculus taylori*														+						
MOBI	0404	0629	Mytilidae	*Musculus cultellus*											+									
MOBI	0404	0630	Mytilidae	*Musculus* sp.				+				+				+	+	+			+			
MOBI	0404	0660	Mytilidae	*Mytilus californianus*														+						
MOBI	0404	0663	Mytilidae	*Mytilus edulis complex*					+			+												
MOBI	0404	0665	Mytilidae	*Mytilus* sp.						+		+		+		+	+	+	+	+				+
MOBI	0404	0880	Mytilidae	*Solamen columbianum*						+	+	+			+		+	+		+	+	+		+

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
MOBI	0412	0412	Nuculanidae	*Nuculanidae*											+									
MOBI	0412	0698	Nuculanidae	*Nuculana cellulita*						+		+						+						
MOBI	0412	0700	Nuculanidae	*Nuculana hamata*			+		+			+			+	+	+	+		+				
MOBI	0412	0701	Nuculanidae	*Nuculana* nr. *hamata*																				
MOBI	0412	0709	Nuculanidae	*Nuculana pernula*								+	+		+			+			+			
MOBI	0412	0710	Nuculanidae	*Nuculana minuta*		+				+	+	+			+	+	+	+		+	+	+		
MOBI	0412	0713	Nuculanidae	*Nuculana penderi*								+												
MOBI	0412	0720	Nuculanidae	Nuculana sp.		+				+		+				+	+	+		+	+			
MOBI	0412	0730	Nuculanidae	*Nuculana taphria*											+			+						
MOBI	0412	0790	Nuculanidae	*Nuculana leonina*																				
MOBI	0414	0020	Nuculidae	*Acila castrensis*			+	+		+	+	+			+	+	+	+		+	+	+		+
MOBI	0414	0210	Nuculidae	*Nucula* sp.														+						
MOBI	0414	0220	Nuculidae	*Ennucula tenuis*		+	+		+	+	+	+	+		+	+	+	+	+	+	+	+	+	+
MOBI	0414	0414	Nuculidae	Nuculidae indet.																				+
MOBI	0418	0418	Pandoridae	Pandoridae indet.																+				
MOBI	0418	0760	Pandoridae	*Pandora bilirata*						+		+		+	+	+	+	+		+	+			
MOBI	0418	0770	Pandoridae	*Pandora filosa*						+	+	+			+	+		+			+		+	
MOBI	0418	0780	Pandoridae	*Pandora* sp.						+		+						+			+			
MOBI	0418	0785	Pandoridae	*Pandora wardiana*								+						+			+			
MOBI	0418	0789	Pandoridae	*Pandora glacialis*																	+			
MOBI	0420	0078	Pectinidae	*Chlamys behringiana*														+						
MOBI	0420	0080	Pectinidae	*Chlamys hastata*						+		+		+				+				+		
MOBI	0420	0090	Pectinidae	*Chlamys rubida*								+			+			+						+
MOBI	0420	0095	Pectinidae	*Chlamys* sp.								+		+			+	+						
MOBI	0420	0230	Pectinidae	*Delectopecten* sp.								+					+							
MOBI	0420	0235	Pectinidae	*Delectopecten vancouverensis*						+		+	+		+		+			+	+			
MOBI	0420	0239	Pectinidae	*Delectopecten vitreus*		+							+											
MOBI	0420	0420	Pectinidae	Pectinidae indet.	+							+												
MOBI	0420	0598	Pectinidae	*Mizuhopecten yessoensis*								+												
MOBI	0426	0930	Pharidae	*Siliqua patula*														+						
MOBI	0428	0815	Philobryidae	Philobryidae sp. A (Macdonald)								+												
MOBI	0430	1003	Pholadidae	*Xylophaga washingtona*						+						+	+			+				
MOBI	0430	1005	Pholadidae	*Xylophaga* sp.													+							
MOBI	0434	0090	Poromyidae	*Poromya* cf *trosti*									+											
MOBI	0438	0090	Propeamussiidae	*Cyclopecten alaskensis*											+									
MOBI	0440	1009	Psammobiidae	*Nuttallia obscurata*															+					
MOBI	0440	1090	Psammobiidae	*Gari californica*											+									
MOBI	0444	0444	Semelidae	Semelidae indet.								+												
MOBI	0450	0900	Solemyidae	*Solemya reidi*	+		+			+		+	+					+						
MOBI	0452	0452	Solenidae	Solenidae indet.														+						
MOBI	0452	0920	Solenidae	*Solen sicarius*								+						+	+					
MOBI	0452	0925	Solenidae	*Solen* sp.								+							+					
MOBI	0456	0456	Tellinidae	Tellinidae indet.						+		+				+		+						
MOBI	0456	0500	Tellinidae	*Macoma alaskana*														+		+				
MOBI	0456	0510	Tellinidae	*Macoma balthica*				+		+						+		+						
MOBI	0456	0515	Tellinidae	*Macoma brota*		+					+	+	+			+	+							
MOBI	0456	0520	Tellinidae	*Macoma calcarea*		+	+	+	+	+	+	+		+		+	+	+	+	+	+	+		+
MOBI	0456	0521	Tellinidae	*Macoma* cf. *calcarea*																				
MOBI	0456	0523	Tellinidae	*Macoma* cf. *moesta alaskana*								+												
MOBI	0456	0530	Tellinidae	*Macoma carlottensis*		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
MOBI	0456	0535	Tellinidae	*Macoma crassula*								+												
MOBI	0456	0539	Tellinidae	*Macoma expansa*															+					+
MOBI	0456	0540	Tellinidae	*Macoma elimata*		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+
MOBI	0456	0542	Tellinidae	*Macoma golikovi*			+	+	+			+		+		+	+	+		+		+		+
MOBI	0456	0543	Tellinidae	*Macoma incongrua*															+					

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
MOBI	0456	0545	Tellinidae	*Macoma inquinata*				+				+						+	+					+
MOBI	0456	0546	Tellinidae	*Macoma lipara*								+			+									
MOBI	0456	0547	Tellinidae	*Macoma loveni*												+	+							
MOBI	0456	0549	Tellinidae	*Macoma moesta*				+				+		+	+					+	+		+	+
MOBI	0456	0550	Tellinidae	*Macoma nasuta*			+	+		+		+		+		+	+	+	+		+			+
MOBI	0456	0551	Tellinidae	*Macoma* nr. *nasuta*																				
MOBI	0456	0560	Tellinidae	*Macoma obliqua*								+						+						+
MOBI	0456	0565	Tellinidae	*Macoma lama*						+														
MOBI	0456	0567	Tellinidae	*Macoma nr. scarlatoi*													+							
MOBI	0456	0570	Tellinidae	*Macoma* sp.	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+			+
MOBI	0456	0580	Tellinidae	*Macoma yoldiformis*						+		+		+	+	+		+	+		+	+		+
MOBI	0456	0590	Tellinidae	*Macoma inconspicua*																				
MOBI	0456	0940	Tellinidae	*Tellina bodegensis*														+						
MOBI	0456	0950	Tellinidae	*Tellina carpenteri*				+				+	+		+			+					+	
MOBI	0456	0960	Tellinidae	*Tellina modesta*								+			+	+	+	+	+		+	+	+	+
MOBI	0456	0963	Tellinidae	*Tellina nuculoides*						+		+			+							+		
MOBI	0456	0970	Tellinidae	*Tellina* sp.								+				+		+						
MOBI	0458	0069	Teredinidae	*Bankia* sp.						+		+												
MOBI	0458	0070	Teredinidae	*Bankia setacea*					+	+	+	+				+	+			+				
MOBI	0458	0458	Teredinidae	Teredinidae indet.						+														
MOBI	0460	0980	Thraciidae	*Thracia trapezoides*								+					+	+	+					
MOBI	0460	0999	Thraciidae	*Thracia* sp.												+								
MOBI	0462	0040	Thyasirisae	*Adontorhina cyclia*		+	+			+		+	+		+	+	+	+		+	+		+	
MOBI	0462	0041	Thyasirisae	*Adontorhina sphaericosa*								+												
MOBI	0462	0060	Thyasirisae	*Axinopsida serricata*	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
MOBI	0462	0165	Thyasirisae	*Conchocele bisecta*			+					+												
MOBI	0462	0462	Thyasirisae	Thyasiridae indet.								+				+				+				
MOBI	0462	0596	Thyasirisae	*Mendicula ferruginosa*									+					+						
MOBI	0462	0990	Thyasirisae	*Thyasira flexuosa*		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+		+	+
MOBI	0470	0090	Ungulinidae	*Diplodonta orbella*		+							+											
MOBI	0472	0160	Veneridae	*Compsomyax subdiaphana*		+	+		+	+	+	+		+	+	+	+	+	+	+	+		+	
MOBI	0472	0270	Veneridae	*Humilaria kennerlyi*								+												
MOBI	0472	0472	Veneridae	Veneridae indet.										+										
MOBI	0472	0740	Veneridae	*Nutricola lordi*	+	+				+		+	+	+	+			+	+		+	+	+	+
MOBI	0472	0743	Veneridae	*Nutricola ovalis*						+		+							+					
MOBI	0472	0745	Veneridae	*Nutricola tantilla*		+		+	+	+	+	+	+	+	+			+	+			+		
MOBI	0472	0747	Veneridae	*Nutricola* sp.			+					+		+		+	+	+		+				+
MOBI	0472	0840	Veneridae	*Protothaca staminea*								+		+	+			+	+			+		+
MOBI	0472	0845	Veneridae	*Protothaca tenerrima*					+			+						+	+					
MOBI	0472	0848	Veneridae	*Protothaca* sp.								+						+						
MOBI	0472	0873	Veneridae	*Saxidomus nuttallii*														+						
MOBI	0472	0875	Veneridae	*Saxidomus gigantea*								+		+		+	+	+	+			+		+
MOBI	0472	0900	Veneridae	*Chione californiensis*										+										
MOBI	0472	1000	Veneridae	*Venerupis philippinarum*								+							+					
MOBI	0478	0478	Yoldiidae	Yoldiidae indet.								+				+	+							
MOBI	0478	0585	Yoldiidae	*Megayoldia martyria*		+	+			+	+	+	+		+	+	+		+					
MOBI	0478	0590	Yoldiidae	*Megayoldia* sp.			+					+				+	+							
MOBI	0478	0595	Yoldiidae	*Megayoldia thraciaeformis*			+						+		+	+	+				+		+	
MOBI	0478	0830	Yoldiidae	*Portlandia intermedia*												+								
MOBI	0478	1009	Yoldiidae	*Yoldia beringiana*		+																		
MOBI	0478	1010	Yoldiidae	*Yoldia amygdalea*		+									+			+						
MOBI	0478	1015	Yoldiidae	*Yoldia hyperborea*		+	+					+				+	+	+			+			
MOBI	0478	1020	Yoldiidae	*Yoldia seminuda*		+	+			+	+	+			+	+	+	+	+	+	+		+	+
MOBI	0478	1025	Yoldiidae	*Yoldia myalis*		+						+			+			+					+	
MOBI	0478	1027	Yoldiidae	*Yoldiella nana*																+				
MOBI	0478	1029	Yoldiidae	*Yoldiella* sp.						+		+												

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
MOBI	0478	1030	Yoldiidae	*Yoldia* sp.							+	+				+	+	+	+		+			
MOGA	0000	0001		Gastropoda indet.	+			+	+	+		+		+		+	+	+	+	+	+			+
MOGA	0000	0003		Opisthobranchia indet.								+								+				
MOGA	0000	0004		Nudibranchia indet.								+									+			
MOGA	0000	0005		Dendronotacea indet.																+				
MOGA	0000	0006		Cephalaspidea indet.						+		+			+	+	+	+		+				
MOGA	0000	0007		Doridacea indet.																+				+
MOGA	0000	0008		Aeolidacea indet.								+					+		+		+	+		
MOGA	0000	0009		Buccinacea indet.								+	+											
MOGA	0000	0019		Nacellina indet.	+																			
MOGA	0471	0850	Velutinidae	*Velutina plicatilis*														+						
MOGA	0471	0853	Velutinidae	*Velutina velutina*																+				
MOGA	0471	0880	Velutinidae	*Velutina laevigata*													+							
MOGA	0480	0475	Acmaeidae	*Acmaea mitra*																				
MOGA	0480	0480	Acmaeidae	Acmaeidae indet.											+			+						
MOGA	0482	0760	Acteonidae	*Rictaxis punctocaelatus*						+								+						
MOGA	0486	0078	Aeolidiidae	*Aoelidia papillosa*														+						+
MOGA	0486	0486	Aeolidiidae	Aeolidiidae								+												
MOGA	0488	0308	Aglajidae	*Aglaja ocelligera*																				
MOGA	0488	0350	Aglajidae	*Melanochlamys diomedea*					+			+				+	+	+		+				
MOGA	0488	0488	Aglajidae	Aglajidae indet.																	+			
MOGA	0494	0083	Arminidae	*Armina californica*						+								+						
MOGA	0498	0408	Buccinidae	*Neptunea lyrata*		+									+			+						
MOGA	0498	0409	Buccinidae	*Neptunea phoenicea*																	+			
MOGA	0498	0410	Buccinidae	*Neptunea tabulata*														+						
MOGA	0498	0419	Buccinidae	*Buccinum* sp.																	+			
MOGA	0498	0900	Buccinidae	*Lirabuccinum dirum*																	+			
MOGA	0498	0901	Buccinidae	*Plicifusus kroyeri*									+											
MOGA	0498	0909	Buccinidae	*Buccinum plectrum*																	+			
MOGA	0498	0910	Buccinidae	*Colus* sp.											+						+			
MOGA	0498	0920	Buccinidae	*Mohnia freilei*																	+			
MOGA	0506	0170	Caecidae	*Caecum crebricinctum*						+		+			+									
MOGA	0506	0172	Caecidae	*Caecum* sp.								+												
MOGA	0506	0271	Caecidae	*Fartulum* sp.								+												
MOGA	0506	0279	Caecidae	*Fartulum occidentale*															+					
MOGA	0507	0178	Calliostomatidae	*Calliostoma ligatum*								+		+			+							
MOGA	0507	0179	Calliostomatidae	*Calliostoma variegatum*								+												
MOGA	0508	0024	Calyptraeidae	*Crepidula nummaria*														+						
MOGA	0508	0180	Calyptraeidae	*Calyptraea fastigiata*						+		+			+			+						
MOGA	0508	0220	Calyptraeidae	*Crepidula* sp.								+			+		+	+						
MOGA	0508	0222	Calyptraeidae	*Crepidula adunca*								+												
MOGA	0508	0223	Calyptraeidae	*Crepidula fornicata*																				
MOGA	0508	0225	Calyptraeidae	*Crepidula perforans*										+										
MOGA	0508	0240	Calyptraeidae	*Crepipatella dorsata*								+		+				+						+
MOGA	0508	0249	Calyptraeidae	*Crepipatella lingulata*											+									
MOGA	0508	0508	Calyptraeidae	Calyptraeidae indet.														+						
MOGA	0510	0100	Cancellariidae	*Admete* sp.															+					
MOGA	0510	0102	Cancellariidae	*Admete gracilior*											+			+			+			
MOGA	0510	0105	Cancellariidae	*Admete viridula*														+						
MOGA	0512	0143	Cerithiidae	*Bittium attenuatum*							+	+					+				+			+
MOGA	0512	0145	Cerithiidae	*Bittium eschrichtii*												+								
MOGA	0512	0149	Cerithiidae	*Bittium sanjuanense*															+					
MOGA	0512	0150	Cerithiidae	*Lirobittium munitum*								+		+		+	+	+		+				
MOGA	0512	0151	Cerithiidae	*Bittium cf. munitum*									+						+					
MOGA	0512	0160	Cerithiidae	*Bittium* sp.						+		+			+		+	+						
MOGA	0512	0440	Cerithiidae	nr. *Diastoma* sp.								+				+								
MOGA	0514	0077	Cerithiopsidae	*Cerithiopsis stejnegeri*						+														
MOGA	0516	0030	Columbellidae	*Alia* sp.														+						

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
MOGA	0516	0032	Columbellidae	*Alia carinata*								+							+					
MOGA	0516	0060	Columbellidae	*Amphissa columbiana*		+		+							+			+						
MOGA	0516	0061	Columbellidae	*Amphissa reticulata*																				
MOGA	0516	0062	Columbellidae	*Amphissa seticula*								+												
MOGA	0516	0068	Columbellidae	*Amphissa versicolor*								+			+			+				+		
MOGA	0516	0070	Columbellidae	*Amphissa* sp.								+						+						
MOGA	0516	0079	Columbellidae	*Amphissa bicolor*									+											
MOGA	0516	0080	Columbellidae	*Mitrella tuberosa*																				
MOGA	0516	0090	Columbellidae	*Astyris gausapata*			+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
MOGA	0518	0300	Conidae	*Kurtziella* sp.						+		+						+						
MOGA	0518	0301	Conidae	*Kurtziella crebricostata*								+						+	+					
MOGA	0518	0305	Conidae	*Kurtziella plumbea*													+	+				+		+
MOGA	0518	0309	Conidae	*Kurtzia arteaga*																				
MOGA	0518	0663	Conidae	*Oenopota elegans*			+																	
MOGA	0518	0664	Conidae	*Oenopota crebricostata*								+				+								
MOGA	0518	0665	Conidae	*Oenopota fidicula*												+		+						
MOGA	0518	0668	Conidae	*Oenopota harpularia*			+					+			+	+	+	+		+				
MOGA	0518	0671	Conidae	*Oenopota rosea*												+								
MOGA	0518	0672	Conidae	*Oenopota turricula*			+			+					+	+	+	+						
MOGA	0518	0674	Conidae	*Oenopota* sp.						+		+				+	+	+		+	+	+		
MOGA	0518	0677	Conidae	*Oenopota viridula*												+								
MOGA	0518	0679	Conidae	*Oenopota excurvata*											+									
MOGA	0518	0705	Conidae	*Ophidermella cancellata*							+						+	+						
MOGA	0518	0706	Conidae	*Ophiodermella inermis*			+												+					
MOGA	0518	0707	Conidae	Ophiodermella sp.														+	+					
MOGA	0518	0900	Conidae	*Mangelia* sp.											+									
MOGA	0524	0208	Corambidae	*Corambe pacifica*														+						
MOGA	0524	0210	Corambidae	*Corambe* sp. 1 (Behrens)								+				+	+							
MOGA	0528	0018	Cylichnidae	*Acteocina cerealis*								+												
MOGA	0528	0020	Cylichnidae	*Acteocina culcitella*			+					+				+	+	+		+	+			+
MOGA	0528	0022	Cylichnidae	*Acteocina harpa*								+												
MOGA	0528	0023	Cylichnidae	*Acteocina eximia*												+		+		+	+			
MOGA	0528	0025	Cylichnidae	*Acteocina* sp.								+								+				
MOGA	0528	0245	Cylichnidae	*Cylichna alba*		+	+					+	+	+	+	+	+		+					
MOGA	0528	0250	Cylichnidae	*Cylichna attonsa*		+	+			+	+	+	+		+	+	+	+		+	+			
MOGA	0528	0251	Cylichnidae	*Cylichnella* sp.								+												
MOGA	0528	0252	Cylichnidae	*Cylichna* sp.	+					+		+				+		+						
MOGA	0528	0254	Cylichnidae	*Cylichnella culcitella*								+			+								+	
MOGA	0528	0528	Cylichnidae	Cylichnidae indet.								+				+					+			
MOGA	0529	0260	Cymatiidae	*Fusitriton oregonensis*										+				+						+
MOGA	0532	0253	Dendronotidae	*Dendronotus* sp.								+				+								
MOGA	0534	0361	Diaphanidae	*Diaphana* sp.								+							+					
MOGA	0534	0435	Diaphanidae	nr. *Diaphana* sp.												+		+						
MOGA	0534	0437	Diaphanidae	*Diaphana californica*						+		+				+	+			+				
MOGA	0534	0440	Diaphanidae	*Diaphana minuta*																				
MOGA	0540	0265	Dotoidae	*Doto columbiana*																				
MOGA	0540	0269	Dotoidae	*Doto* sp.														+						
MOGA	0542	0270	Epitoniidae	*Epitonium* sp.						+						+								
MOGA	0542	0430	Epitoniidae	*Nitidiscala* sp.								+						+						
MOGA	0542	0439	Epitoniidae	*Nitidiscala indianorum*											+									
MOGA	0544	0108	Eulimidae	*Balcis macra*								+												
MOGA	0544	0110	Eulimidae	*Balcis micans*								+		+		+	+	+	+	+				+
MOGA	0544	0112	Eulimidae	*Balcis montereyensis*								+												
MOGA	0544	0115	Eulimidae	*Balcis oldroydae*											+	+								
MOGA	0544	0117	Eulimidae	*Balcis* sp.											+			+						
MOGA	0544	0255	Eulimidae	*Polygireulima rutila*								+				+		+						
MOGA	0544	0385	Eulimidae	*Eulima* sp.								+						+						
MOGA	0544	0858	Eulimidae	*Vitreolina columbiana*						+		+												

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
MOGA	0544	0900	Eulimidae	*Melanella* sp.																	+			
MOGA	0550	0218	Fissurellidae	*Cranopsis cucullata*								+								+				
MOGA	0550	0257	Fissurellidae	*Fissurella* sp.																				
MOGA	0550	0550	Fissurellidae	Fissurellidae indet.								+								+				
MOGA	0550	0740	Fissurellidae	*Puncturella* sp.								+						+						
MOGA	0550	0743	Fissurellidae	*Puncturella cooperi*								+												
MOGA	0550	0749	Fissurellidae	*Puncturella galeata*											+									
MOGA	0552	0202	Flabellinidae	*Chlamylla* sp. 1 (Behrens)								+					+							
MOGA	0552	0273	Flabellinidae	*Flabellina* sp.								+												
MOGA	0552	0552	Flabellinidae	Flabellinidae indet.								+												
MOGA	0554	0275	Gastropteridae	*Gastropteron pacificum*						+		+		+		+	+	+	+	+	+			
MOGA	0554	0276	Gastropteridae	Gastropteron sp.								+												
MOGA	0556	0556	Goniodorididae	Goniodorididae indet.																+				
MOGA	0558	0280	Haminoeidae	*Haminoea* sp.								+		+			+	+						+
MOGA	0558	0283	Haminoeidae	*Haminoea vesicula*							+	+		+							+			
MOGA	0558	0285	Haminoeidae	*Haminoea virescens*			+							+			+							
MOGA	0558	0558	Haminoeidae	Haminoeidae indet.														+						
MOGA	0564	0710	Aplustridae	*Parvaplustrum* sp.								+				+	+	+		+				
MOGA	0566	0320	Littorinidae	*Lacuna* sp.								+		+				+						
MOGA	0566	0322	Littorinidae	*Lacuna unifasciata*																				
MOGA	0566	0323	Littorinidae	*Lacuna vincta*				+				+		+			+		+					+
MOGA	0566	0324	Littorinidae	*Lacuna variegata*										+										
MOGA	0566	0329	Littorinidae	*Lacuna porrecta*																				
MOGA	0566	0335	Littorinidae	*Littorina scutulata*								+		+				+						+
MOGA	0566	0336	Littorinidae	*Littorina sitkana*								+												
MOGA	0566	0337	Littorinidae	*Littorina* sp.						+		+							+					
MOGA	0570	0324	Lepetidae	*Limalepeta caecoides*																				
MOGA	0570	0370	Lepetidae	*Cryptobranchia concentrica*																+				
MOGA	0570	0377	Lepetidae	*Lothia lindbergi*						+														
MOGA	0570	0570	Lepetidae	Lepetidae indet.													+			+				
MOGA	0574	0339	Lottiidae	*Lottia* sp.								+		+				+						+
MOGA	0574	0574	Lottiidae	Lottiidae indet.								+		+				+						+
MOGA	0574	0579	Lottiidae	*Tectura persona*										+										+
MOGA	0576	0278	Cysticidae	*Granulina margaritula*								+												
MOGA	0580	0165	Muricidae	*Boreotrophon orpheus*														+						
MOGA	0580	0167	Muricidae	*Boreotrophon* nr. *scitulus*																				
MOGA	0580	0200	Muricidae	*Ceratostoma foliatum*														+						
MOGA	0580	0580	Muricidae	Muricidae indet.								+												
MOGA	0580	0810	Muricidae	Trophonopsis sp.																				
MOGA	0580	0815	Muricidae	*Trophonopsis lasius*														+						
MOGA	0580	0900	Muricidae	*Ocenebra* sp.																				
MOGA	0580	0901	Muricidae	*Urosalpinx cinerea*																				
MOGA	0580	0902	Muricidae	*Ocenebra interfossa*		+																		
MOGA	0582	0360	Nassariidae	*Nassarius mendicus*					+	+		+		+	+	+	+	+	+		+			+
MOGA	0582	0362	Nassariidae	*Nassarius rhinetes*						+														
MOGA	0582	0365	Nassariidae	*Nassarius* sp.					+									+	+					
MOGA	0582	0369	Nassariidae	*Nassarius fossatus*															+					
MOGA	0584	0375	Naticidae	*Cryptonatica affinis*			+			+		+	+		+	+	+	+			+			
MOGA	0584	0380	Naticidae	*Euspira pallida*			+		+		+	+			+	+	+	+	+	+	+		+	
MOGA	0584	0383	Naticidae	*Euspira lewisii*								+			+			+			+			+
MOGA	0584	0384	Naticidae	*Euspira* sp.													+	+		+	+			
MOGA	0584	0390	Naticidae	*Natica* sp.								+						+						
MOGA	0584	0584	Naticidae	Naticidae indet.																				+
MOGA	0587	0432	Nucellidae	*Nucella lamellosa*								+						+						
MOGA	0587	0433	Nucellidae	*Nucella* sp.								+						+						
MOGA	0590	0700	Olividae	*Olivella* sp.														+						

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
MOGA	0590	0702	Olividae	*Olivella baetica*						+		+			+				+	+				
MOGA	0590	0703	Olividae	*Olivella biplicata*								+												
MOGA	0592	0016	Onchidorididae	*Acanthodoris pilosa*														+						
MOGA	0592	0028	Onchidorididae	*Adalaria jannae*								+												
MOGA	0592	0029	Onchidorididae	*Adalaria* sp.																+				
MOGA	0592	0592	Onchidorididae	Onchidorididae indet.								+						+		+				
MOGA	0592	0687	Onchidorididae	*Onchidoris muricata*								+												
MOGA	0592	0690	Onchidorididae	*Onchidoris* sp.														+						
MOGA	0596	0709	Philinidae	*Philine polaris*		+							+											
MOGA	0596	0713	Philinidae	*Philine bakeri*								+						+						
MOGA	0596	0715	Philinidae	*Philine* sp.							+	+					+	+						
MOGA	0603	0130	Potamididae	*Batillaria* sp.														+						
MOGA	0606	0680	Pyramidellidae	*Odostomia* sp.			+		+	+	+	+		+	+	+	+	+	+	+	+	+		+
MOGA	0606	0689	Pyramidellidae	*Odostomia columbiana*															+					
MOGA	0606	0690	Pyramidellidae	*Odostomia quadrae*								+							+					
MOGA	0606	0691	Pyramidellidae	*Odostomia tenuisculpta*											+				+					
MOGA	0606	0692	Pyramidellidae	*Odostomia avellana*																			+	
MOGA	0606	0693	Pyramidellidae	*Odostomia barkleyensis*																			+	
MOGA	0606	0694	Pyramidellidae	*Odostomia cypria*																			+	
MOGA	0606	0695	Pyramidellidae	*Odostomia oregonensis*											+									
MOGA	0606	0820	Pyramidellidae	*Turbonilla* sp.	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+			+
MOGA	0606	0890	Pyramidellidae	*Turbonilla pedroana*																				
MOGA	0606	0891	Pyramidellidae	*Turbonilla aurantia*											+									
MOGA	0606	0892	Pyramidellidae	*Turbonilla lyalli*											+									
MOGA	0606	0893	Pyramidellidae	*Turbonilla pugetensis*											+									
MOGA	0606	0900	Pyramidellidae	*Cyclostremella concordia*															+		+			
MOGA	0608	0860	Retusidae	*Volvulella cylindrica*						+		+							+					
MOGA	0610	0040	Rissoidae	*Alvania* cf. *compacta*														+						
MOGA	0610	0041	Rissoidae	*Alvania compacta*	+		+	+	+	+	+	+		+	+	+	+	+	+	+	+	+		+
MOGA	0610	0043	Rissoidae	*Alvania rosana*						+		+					+						+	
MOGA	0610	0044	Rissoidae	*Alvania sanjuanensis*								+												
MOGA	0610	0047	Rissoidae	*Alvania* sp.						+					+									
MOGA	0610	0090	Rissoidae	*Rissoina newcombei*		+																		
MOGA	0610	0205	Rissoidae	*Cingula spp.*												+								
MOGA	0615	0900	Stiligeridae	nr. *Placida* sp.				+																
MOGA	0618	0243	Tergipedidae	*Cuthona* sp.								+				+								
MOGA	0618	0249	Tergipedidae	*Cuthona concinna*															+					
MOGA	0621	0800	Trichotropididae	*Trichotropis cancellata*						+		+			+			+		+				
MOGA	0621	0805	Trichotropididae	*Trichotropis* sp.														+		+				
MOGA	0621	0809	Trichotropididae	*Trichotropis borealis*									+											
MOGA	0626	0203	Trochidae	*Cidarina cidaris*								+								+				
MOGA	0626	0325	Trochidae	*Lirularia lirulata*														+			+			
MOGA	0626	0326	Trochidae	*Lirularia parcipicta*								+												
MOGA	0626	0328	Trochidae	*Lirularia* sp.														+						
MOGA	0626	0330	Trochidae	*Lirularia succincta*								+												
MOGA	0626	0340	Trochidae	*Margarites pupillus*				+		+		+	+	+	+		+	+	+	+	+			+
MOGA	0626	0341	Trochidae	*Margarites helicinus*											+					+				
MOGA	0626	0343	Trochidae	*Margarites rhodia*								+						+						
MOGA	0626	0345	Trochidae	*Margarites* sp.				+				+					+	+	+					
MOGA	0626	0349	Trochidae	*Margarites* cf. *costalis*															+					
MOGA	0626	0626	Trochidae	Trochidae indet.				+				+						+						
MOGA	0626	0773	Trochidae	*Solariella obscura*								+												
MOGA	0626	0775	Trochidae	*Solariella* sp.								+						+			+	+		
MOGA	0626	0776	Trochidae	*Solariella peramabilis*						+		+			+					+				
MOGA	0626	0778	Trochidae	*Solariella varicosa*								+						+					+	
MOGA	0628	0707	Truncatellidae	*Leptogyra alaskana*									+											
MOGA	0630	0087	Turbinidae	*Astraea nr. undosum*																+				
MOGA	0630	0290	Turbinidae	*Homalopoma luridum*								+												

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
MOGA	0634	0634	Turridae	Turridae indet.						+		+				+		+						
MOGA	0636	0780	Turritellidae	*Tachyrhynchus lacteolus*														+						
MOGA	0636	0785	Turritellidae	*Tachyrhynchus* sp.																				
MOPO	0000	0001		Polyplacophora indet.						+		+						+		+				
MOPO	0342	0038	Ischnochitonidae	*Ischnochiton albus*														+						
MOPO	0342	0039	Ischnochitonidae	*Chaetopleura gemma*									+											
MOPO	0342	0040	Ischnochitonidae	*Lepidozona* sp.								+												
MOPO	0342	0045	Ischnochitonidae	*Lepidozona mertensii*						+		+			+			+						
MOPO	0342	0050	Ischnochitonidae	*Lepidozona trifida*																				
MOPO	0342	0342	Ischnochitonidae	Ischnochitonidae indet.								+			+			+						
MOPO	0344	0050	Lepidopleuridae	*Leptochiton* sp.								+												
MOPO	0344	0344	Lepidopleuridae	Lepidopleuridae indet.								+						+						
MOPO	0345	0035	Tonicellidae	*Dendrochiton* sp.								+												
MOPO	0345	0038	Tonicellidae	*Lepidochitona flectens*											+									
MOPO	0345	0039	Tonicellidae	Lepidochitona sp.																+				
MOPO	0345	0100	Tonicellidae	*Tonicella lineata*																				
MOPO	0345	0105	Tonicellidae	*Tonicella insignis*								+												
MOPO	0346	0075	Mopaliidae	*Mopalia* sp.																				
MOPO	0346	0346	Mopaliidae	Mopaliidae indet.								+												
MOSC	0000	0001		Scaphopoda indet.						+		+				+		+			+			
MOSC	0644	0020	Dentaliidae	*Antalis pretiosum*		+			+			+	+		+			+	+	+				
MOSC	0644	0022	Dentaliidae	*Antalis* sp.								+												
MOSC	0644	0040	Dentaliidae	*Dentalium* sp.						+								+						
MOSC	0644	0049	Dentaliidae	*Dentalium agassizi*		+																		
MOSC	0644	0644	Dentaliidae	Dentaliidae indet.														+						
MOSC	0645	0009		*Laevidentalium dalli*											+									
MOSC	0646	0040	Gadilidae	*Cadulus* sp.											+									
MOSC	0646	0048	Gadilidae	*Cadulus aberrans*									+											
MOSC	0646	0049	Gadilidae	*Cadulus hepburni*											+									
MOSC	0646	0050	Gadilidae	*Polyschides tolmiei*		+	+						+											
MOSC	0646	0059	Gadilidae	*Polyschides californicus*		+									+									
MOSC	0646	0095	Gadilidae	nr. *Siphonodentalium* sp.								+												
MOSC	0647	0063	Pulsellidae	*Pulsellum salishorum*			+			+		+			+	+	+	+		+				
MOSC	0648	0080	Rhabdidae	*Rhabdus rectius*		+	+			+	+	+	+		+	+	+	+			+		+	
MOSC	0648	0085	Rhabdidae	*Rhabdus* sp.								+												
NODA	0000	0001		Nematoda indet.		+		+			+	+				+			+	+				
NTEA	0000	0001		Nemertea indet.		+			+	+	+	+	+		+	+	+	+	+	+	+			
NTEA	0000	0002		Anopla sp.																				
NTEA	0000	0003		Anopla sp. B (SCAMIT)						+		+								+				
NTEA	0000	0004		Anopla sp. C (SCAMIT)								+				+								
NTEA	0000	0005		Anopla sp. D (SCAMIT)					+			+						+						
NTEA	0000	0006		nr. Anopla sp. D (SCAMIT)								+												
NTEA	0000	0010		Enopla indet.														+						
NTEA	0000	0011		Enopla sp. A (SCAMIT)			+					+					+	+						
NTEA	0000	0016		Palaeonemertea indet.								+	+			+			+					
NTEA	0000	0018		Heteronemertea indet.						+		+	+					+						
NTEA	0000	0022		Hoplonemertea indet.						+		+				+	+			+				
NTEA	0000	0024		Hoplonemertea sp. B (MEC)								+												
NTEA	0000	0195		Monostilifera indet.																				
NTEA	0140	0160	Amphiporidae	*Amphiporus* sp.								+				+	+	+		+				
NTEA	0140	0161	Amphiporidae	*Amphiporus angulatus*												+								
NTEA	0140	0162	Amphiporidae	*Amphiporus bimaculatus*														+						
NTEA	0140	0163	Amphiporidae	*Amphiporus* nr. *californicus*								+				+								
NTEA	0140	0280	Amphiporidae	*Zygonemertes* sp.																				

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
NTEA	0140	0285	Amphiporidae	*Zygonemertes virescens*								+						+				+		
NTEA	0142	0142	Carinomidae	Carinomidae indet.								+												
NTEA	0142	0165	Carinomidae	*Carinoma* sp.																				
NTEA	0142	0180	Carinomidae	*Carinoma mutabilis*					+	+		+				+	+	+				+		
NTEA	0144	0255	Cephalothricidae	*Procephalothrix* sp.												+	+							
NTEA	0146	0181	Emplectonematidae	*Emplectonema purpureum*												+								
NTEA	0146	0189	Emplectonematidae	*Emplectonema* sp.															+					
NTEA	0146	0190	Emplectonematidae	*Emplectonema gracile*																				
NTEA	0146	0246	Emplectonematidae	*Paranemertes californica*						+		+				+	+			+	+			+
NTEA	0146	0247	Emplectonematidae	*Paranemertes* nr. *californica*														+				+		
NTEA	0146	0249	Emplectonematidae	*Paranemertes* nr. *gracilis*															+					
NTEA	0146	0250	Emplectonematidae	*Paranemertes* sp.					+	+		+				+		+		+	+			
NTEA	0148	0148	Lineidae	Lineidae indet.						+		+				+	+	+	+	+	+	+		
NTEA	0148	0169	Lineidae	*Cerebratulus albifrons*																+				
NTEA	0148	0170	Lineidae	*Cerebratulus californiensis*			+	+	+	+	+	+		+		+	+	+	+	+				+
NTEA	0148	0172	Lineidae	*Cerebratulus herculeus*																+				
NTEA	0148	0173	Lineidae	*Cerebratulus longiceps*																+				
NTEA	0148	0175	Lineidae	*Cerebratulus spp.*		+				+		+	+			+		+		+	+	+		
NTEA	0148	0183	Lineidae	*Lineus* sp.					+			+					+	+		+	+			
NTEA	0148	0184	Lineidae	*Lineus ruber*													+			+				
NTEA	0148	0185	Lineidae	*Lineus bilineatus*								+				+								
NTEA	0148	0186	Lineidae	*Lineus* nr. *flavescens*								+												
NTEA	0148	0187	Lineidae	*Lineus flavescens*													+			+				
NTEA	0148	0188	Lineidae	*Lineus rubescens*								+												
NTEA	0148	0189	Lineidae	*Lineus* cf. *torquata*								+					+			+				+
NTEA	0148	0190	Lineidae	*Micrura* sp.								+	+			+		+	+		+	+		
NTEA	0148	0192	Lineidae	*Micrura alaskensis*								+												
NTEA	0148	0193	Lineidae	*Micrura* nr. *pardalis*			+																	
NTEA	0148	0199	Lineidae	*Micrura wilsoni*																		+		
NTEA	0150	0243	Ototyphlonemertidae	*Ototyphlonemertes* sp.								+												
NTEA	0152	0240	Prosorhochmidae	*Oerstedia dorsalis*			+					+				+	+	+	+					
NTEA	0154	0260	Tetrastemmatidae	*Tetrastemma* sp.			+	+	+			+				+	+	+	+	+	+			
NTEA	0154	0261	Tetrastemmatidae	*Tetrastemma* sp. A								+						+						
NTEA	0154	0263	Tetrastemmatidae	*Tetrastemma* nr. *candidum*														+						
NTEA	0154	0264	Tetrastemmatidae	*Tetrastemma candidum*								+				+	+			+				
NTEA	0154	0266	Tetrastemmatidae	*Tetrastemma nigrifrons*					+			+				+	+	+	+					
NTEA	0156	0156	Tubulanidae	Tubulanidae indet.												+		+		+				
NTEA	0156	0168	Tubulanidae	*Carinomella* sp.			+					+				+	+			+				
NTEA	0156	0200	Tubulanidae	*Tubulanus* sp.	+	+			+	+		+	+			+	+	+	+	+	+			
NTEA	0156	0201	Tubulanidae	*Tubulanus frenatus*								+						+	+					
NTEA	0156	0202	Tubulanidae	*Tubulanus capistratus*														+						
NTEA	0156	0203	Tubulanidae	*Tubulanus albocinctus*								+					+			+				
NTEA	0156	0204	Tubulanidae	*Tubulanus cingulatus*																+				
NTEA	0156	0205	Tubulanidae	*Tubulanus pellucidus*					+	+		+				+	+	+	+	+				
NTEA	0156	0210	Tubulanidae	*Tubulanus polymorphus*			+		+	+	+	+		+		+	+	+	+	+	+	+		+
NTEA	0156	0212	Tubulanidae	*Tubulanus sexlineatus*								+												
NTEA	0156	0215	Tubulanidae	Tubulanidae sp. A (SCAMIT)								+												
NTEA	0158	0220	Valenciniidae	nr. *Zygeupolia* sp.												+								
NTEA	0158	0275	Valenciniidae	*Zygeupolia rubens*								+												
PHOR	0000	0001		Phoronida indet.						+		+						+	+					
PHOR	0950	0047	Phoronidae	*Phoronis muelleri*						+														
PHOR	0950	0048	Phoronidae	*Phoronis ovalis*																+				
PHOR	0950	0049	Phoronidae	*Phoronis psammophila*			+										+							+

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
PHOR	0950	0050	Phoronidae	*Phoronis* sp.						+	+	+				+	+		+					
PHOR	0950	0059	Phoronidae	*Phoronis ijimai*															+					
PHOR	0950	0095	Phoronidae	*Phoronopsis albomaculata*																+				
PHOR	0950	0096	Phoronidae	*Phoronopsis harmeri*					+	+							+			+				
PHOR	0950	0098	Phoronidae	*Phoronopsis* nr. *harmeri*								+												
PHOR	0950	0100	Phoronidae	*Phoronopsis* sp.								+						+	+					
PIXX				*Leuroglossus stilbius schmidtii*									+											
PIXX				Stichaeidae indet.									+											
PIXX		0010		Scorpaenidae																				
PIXX		0020		*Liparis* sp.								+												
PIXX	0000	0003		*Pholis laeta*					+															
PIXX	0000	0077		*Lycodes brevipes*		+																		
PIXX	0000	0789		*Phytichthys chirus*																				
PLTY	0000	0001		Platyhelminthes indet.						+		+						+	+		+			
PLTY	0000	0002		Turbellaria indet.		+						+			+			+						
PLTY	0000	0003		Polycladida indet.								+				+					+			
PLTY	0118	0007	Cryptocelididae	*Pseudostylochus* sp.					+							+								
PLTY	0122	0107	Eurylepidae	*Acerotisa* sp.													+							
PLTY	0128	0128	Leptoplanidae	Leptoplanidae indet.								+				+		+						
PLTY	0128	0150	Leptoplanidae	*Leptoplana* sp.							+					+	+		+	+				
PLTY	0128	0160	Leptoplanidae	*Notoplana* sp.					+								+							
PLTY	0136	0225	Pseudocerotidae	nr. *Pseudoceros* sp.								+												
PLTY	0138	0200	Stylochidae	*Stylochus californicus*								+				+								
PLTY	0138	0210	Stylochidae	*Stylochus exiguus*												+	+				+			
PLTY	0138	0215	Stylochidae	*Stylochus* sp.													+							
PLTY	0138	0216	Stylochidae	*Stylochus* sp. 1												+								
POER	0164	0164	Amphinomidae	Amphinomidae indet.											+									
POER	0166	0020	Aphroditidae	*Aphrodita* sp.								+									+			
POER	0166	0022	Aphroditidae	*Aphrodita japonica*								+				+	+	+						
POER	0166	0025	Aphroditidae	*Aphrodita parva*								+				+	+			+				
POER	0166	0166	Aphroditidae	Aphroditidae indet.						+														
POER	0168	0038	Chrysopetalidae	*Chrysopetalum occidentale*								+												
POER	0168	0864	Chrysopetalidae	*Paleanotus bellis*					+	+		+			+		+		+	+				
POER	0168	0865	Chrysopetalidae	*Paleanotus* sp.														+	+					
POER	0172	0052	Dorvilleidae	*Dorvillea annulata*						+		+		+	+			+		+	+			
POER	0172	0053	Dorvilleidae	*Dorvillea japonica*	+							+												
POER	0172	0055	Dorvilleidae	*Dorvillea longicornis*						+		+	+	+		+	+	+	+			+	+	+
POER	0172	0060	Dorvilleidae	*Dorvillea pseudorubrovittata*								+			+		+	+		+		+		+
POER	0172	0070	Dorvilleidae	*Dorvillea* sp.						+		+						+		+				
POER	0172	0090	Dorvilleidae	*Meiodorvillea minuta*									+											
POER	0172	0172	Dorvilleidae	Dorvilleidae indet.						+		+			+	+		+	+	+				
POER	0172	0855	Dorvilleidae	*Ophryotrocha* sp. B (Williams)																				
POER	0172	0856	Dorvilleidae	*Ophryotrocha* sp. A (Williams)								+												
POER	0172	0857	Dorvilleidae	*Ophryotrocha* sp. F (Byers)								+												
POER	0172	0858	Dorvilleidae	*Ophryotrocha* sp. G (Byers)																				
POER	0172	0859	Dorvilleidae	*Ophryotrocha* sp. H (Byers)																				
POER	0172	0860	Dorvilleidae	*Ophryotrocha* sp.						+		+				+		+		+				
POER	0172	0861	Dorvilleidae	*Ophryotrocha* sp. 1 (Jones)								+												

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POER	0172	0862	Dorvilleidae	*Ophryotrocha* sp. E (Byers)								+												
POER	0172	0875	Dorvilleidae	*Parougia caeca*			+			+		+				+	+	+		+			+	
POER	0172	0900	Dorvilleidae	*Pettiboneia* sp. A									+											
POER	0172	1033	Dorvilleidae	*Protodorvillea gracilis*	+			+	+			+	+		+		+	+	+	+		+		
POER	0178	0413	Euphrosinidae	*Euphrosine arctia*																+				
POER	0178	0414	Euphrosinidae	*Euphrosine bicirrata*						+														
POER	0178	0415	Euphrosinidae	*Euphrosine* sp.														+						
POER	0180	0180	Glyceridae	Glyceridae indet.																				
POER	0180	0490	Glyceridae	*Glycera pacifica*	+			+		+	+	+			+	+	+	+	+	+	+	+		+
POER	0180	0491	Glyceridae	*Glycera* nr. *pacifica/americana*													+							
POER	0180	0493	Glyceridae	*Glycera robusta*								+				+	+	+						
POER	0180	0494	Glyceridae	*Glycera tesselata*						+	+	+							+	+				
POER	0180	0495	Glyceridae	*Glycera siphonostoma*														+						
POER	0180	0500	Glyceridae	*Glycera nana*		+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
POER	0180	0509	Glyceridae	*Glycera gigantea*											+									
POER	0180	0510	Glyceridae	*Glycera* sp.						+		+	+					+						
POER	0180	0601	Glyceridae	*Hemipodus borealis*								+			+				+					
POER	0182	0182	Goniadidae	Goniadidae indet.															+					
POER	0182	0530	Goniadidae	*Glycinde armigera*		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
POER	0182	0535	Goniadidae	*Glycinde picta*		+			+	+		+						+	+		+	+		
POER	0182	0540	Goniadidae	*Glycinde polygnatha*				+	+			+		+		+	+	+				+		+
POER	0182	0550	Goniadidae	*Glycinde* sp.					+			+						+	+					
POER	0182	0570	Goniadidae	*Goniada annulata*		+							+					+						
POER	0182	0575	Goniadidae	*Goniada brunnea*			+			+	+	+			+	+	+	+			+		+	
POER	0182	0578	Goniadidae	*Goniada maculata*						+		+			+	+	+	+		+				+
POER	0182	0580	Goniadidae	*Goniada* sp.						+		+			+	+		+		+				
POER	0186	0186	Hesionidae	Hesionidae indet.						+		+	+			+		+	+	+				
POER	0186	0576	Hesionidae	*Gyptis nr. lobatus*																+				
POER	0186	0579	Hesionidae	*Gyptis brunnea*								+								+				
POER	0186	0581	Hesionidae	*Gyptis lobatus*								+					+							
POER	0186	0582	Hesionidae	*Gyptis plurisetis*												+	+							
POER	0186	0583	Hesionidae	*Gyptis* sp.					+			+	+											
POER	0186	0589	Hesionidae	*Heteropodarke heteromorpha*																		+		
POER	0186	0598	Hesionidae	*Kefersteinia cirrata*					+			+	+											
POER	0186	0599	Hesionidae	*Kefersteinia haploseta*																+				
POER	0186	0602	Hesionidae	*Kefersteinia* nr. *haploseta*																+				
POER	0186	0607	Hesionidae	*Kefersteinia* sp.								+												
POER	0186	0685	Hesionidae	*Microphthalmus sczelkowii*				+						+				+		+	+			+
POER	0186	0686	Hesionidae	*Microphthalmus coustalini*								+												
POER	0186	0687	Hesionidae	*Microphthalmus* sp.					+		+	+					+							
POER	0186	0688	Hesionidae	*Microphthalmus nr. coustalini*								+												
POER	0186	0694	Hesionidae	*Micropodarke dubia*					+	+		+		+	+				+	+				+
POER	0186	0695	Hesionidae	*Micropodarke* sp.								+												
POER	0186	1010	Hesionidae	*Ophiodromus pugettensis*	+				+			+		+		+	+	+	+	+	+	+		+
POER	0186	1020	Hesionidae	*Podarkeopsis glabrus*	+	+			+	+	+	+	+	+		+	+	+	+		+	+	+	+
POER	0186	1023	Hesionidae	*Podarkeopsis* sp.						+		+												
POER	0186	1025	Hesionidae	*Podarkeopsis perkinsi*			+		+	+		+				+	+	+		+	+			
POER	0194	0596	Lacydoniidae	*Lacydonia spp.*																+				
POER	0194	0597	Lacydoniidae	*Lacydonia* sp. 1 (Byers)								+												
POER	0198	0198	Lumbrineridae	Lumbrineridae indet.		+			+	+		+			+	+	+	+		+	+	+		
POER	0198	0280	Lumbrineridae	*Eranno bicirrata*	+		+		+	+	+	+	+		+	+	+	+		+	+	+	+	

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POER	0198	0281	Lumbrineridae	*Eranno lagunae*								+	+		+									
POER	0198	0283	Lumbrineridae	*Eranno similabris*												+								
POER	0198	0285	Lumbrineridae	*Eranno* sp.			+										+			+				
POER	0198	0609	Lumbrineridae	*Lumbrineris acuta*											+									
POER	0198	0610	Lumbrineridae	*Lumbrineris californiensis*				+		+		+		+			+	+	+	+	+	+		+
POER	0198	0611	Lumbrineridae	*Lumbrineris* nr. *californiensis*								+												
POER	0198	0615	Lumbrineridae	*Lumbrineris cruzensis*			+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+
POER	0198	0617	Lumbrineridae	*Lumbrineris inflata*								+												
POER	0198	0620	Lumbrineridae	*Lumbrineris japonica*						+		+						+						
POER	0198	0630	Lumbrineridae	*Lumbrineris latreilli*					+	+	+	+			+			+	+	+	+	+		
POER	0198	0633	Lumbrineridae	*Lumbrineris limicola*	+					+		+			+			+	+	+	+	+		
POER	0198	0636	Lumbrineridae	*Lumbrineris similabris*								+												
POER	0198	0639	Lumbrineridae	*Lumbrineris pugettensis*										+										+
POER	0198	0640	Lumbrineridae	*Lumbrineris* sp.		+			+	+		+	+		+	+	+	+	+	+	+	+		
POER	0198	0641	Lumbrineridae	*Lumbrineris* sp. Gp. I (Byers)				+				+								+				
POER	0198	0642	Lumbrineridae	*Lumbrineris* sp. Gp. II (Byers)				+	+			+												
POER	0198	0643	Lumbrineridae	*Lumbrineris* sp. Gp. III (Byers)								+								+				
POER	0198	0644	Lumbrineridae	*Lumbrineris* sp. Gp. IV (Byers)																+				
POER	0198	0650	Lumbrineridae	*Lumbrineris zonata*					+			+	+					+						
POER	0198	0780	Lumbrineridae	*Ninoe gemmea*			+					+	+		+	+	+	+		+	+		+	
POER	0198	0781	Lumbrineridae	*Ninoe* sp.								+				+	+							
POER	0198	0870	Lumbrineridae	*Cenogenus simpla*		+	+						+		+	+	+						+	
POER	0198	1040	Lumbrineridae	*Scoletoma luti*	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+
POER	0198	1041	Lumbrineridae	*Scoletoma* sp. Gp. III (Byers)				+		+		+												
POER	0202	0039	Nephtyidae	*Dentinephtys glabra*								+								+	+			
POER	0202	0202	Nephtyidae	Nephtyidae indet.					+			+	+		+									
POER	0202	0698	Nephtyidae	*Nephtys assignis*								+			+	+	+							
POER	0202	0699	Nephtyidae	*Nephtys brachycephala*								+						+	+					
POER	0202	0700	Nephtyidae	*Nephtys caeca*					+			+			+	+		+	+		+	+		+
POER	0202	0701	Nephtyidae	*Nephtys caecoides*											+	+	+	+			+	+		
POER	0202	0703	Nephtyidae	*Nephtys californiensis*								+			+			+				+		
POER	0202	0705	Nephtyidae	*Nephtys ciliata*											+						+			
POER	0202	0706	Nephtyidae	*Nephtys* nr. *ciliata*																				
POER	0202	0710	Nephtyidae	*Nephtys cornuta*	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		+	+
POER	0202	0715	Nephtyidae	*Nephtys discors*												+					+			
POER	0202	0720	Nephtyidae	*Nephtys ferruginea*			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
POER	0202	0723	Nephtyidae	*Nephtys longosetosa*								+			+									
POER	0202	0725	Nephtyidae	*Nephtys punctata*		+	+			+		+	+		+	+	+	+	+		+		+	+
POER	0202	0727	Nephtyidae	*Nephtys rickettsi*											+									
POER	0202	0730	Nephtyidae	*Nephtys* spp.	+	+			+	+		+	+	+	+	+		+		+	+			+
POER	0202	0900	Nephtyidae	*Aglaophamus malmgreni*		+							+											
POER	0202	0901	Nephtyidae	*Aglaophamus* sp.		+																		
POER	0202	0902	Nephtyidae	*Aglaophamus rubella anops*											+									
POER	0204	0035	Nereididae	*Cheilonereis cyclurus*					+									+			+			
POER	0204	0036	Nereididae	*Ceratonereis paucidentata*								+												
POER	0204	0204	Nereididae	Nereididae indet.						+		+					+	+	+		+			
POER	0204	0690	Nereididae	*Neanthes brandti*												+								
POER	0204	0749	Nereididae	Nereididae sp. 1 (Ruff)												+								
POER	0204	0750	Nereididae	*Nereis pelagica*						+		+						+	+					
POER	0204	0760	Nereididae	*Nereis procera*				+	+	+		+		+	+	+	+	+	+	+	+	+		+

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POER	0204	0765	Nereididae	*Nereis* nr. *limnicola*								+												
POER	0204	0770	Nereididae	*Nereis* sp.				+	+	+		+				+	+	+	+	+		+		
POER	0204	0775	Nereididae	*Nereis zonata*					+				+		+	+				+				
POER	0204	1000	Nereididae	*Platynereis bicanaliculata*				+		+		+		+		+	+	+	+	+	+	+		+
POER	0206	0026	Oenonidae	*Arabella* sp.								+												
POER	0206	0028	Oenonidae	*Arabella iricolor*								+						+						
POER	0206	0090	Oenonidae	*Drilonereis falcata minor*							+	+	+		+			+	+				+	
POER	0206	0091	Oenonidae	*Drilonereis* nr. *falcata*								+				+								
POER	0206	0092	Oenonidae	*Drilonereis falcata*	+					+					+		+			+	+			
POER	0206	0095	Oenonidae	*Drilonereis longa*			+		+			+			+	+	+	+		+	+		+	
POER	0206	0097	Oenonidae	*Drilonereis nuda*														+						
POER	0206	0100	Oenonidae	*Drilonereis* sp.								+						+		+	+			
POER	0206	0206	Oenonidae	Oenonidae indet.								+					+	+						
POER	0206	0785	Oenonidae	*Notocirrus californiensis*								+						+		+				
POER	0206	0786	Oenonidae	*Notocirrus* sp.																				
POER	0208	0040	Onuphidae	*Diopatra ornata*						+	+	+				+	+	+	+	+	+	+		+
POER	0208	0045	Onuphidae	*Diopatra spp.*								+				+		+			+			
POER	0208	0208	Onuphidae	Onuphidae indet.								+			+	+	+	+	+	+				
POER	0208	0275	Onuphidae	*Epidiopatra hupferiana*														+						
POER	0208	0276	Onuphidae	*Epidiopatra hupferiana monroi*								+				+	+							+
POER	0208	0696	Onuphidae	*Mooreonuphis* sp.								+												
POER	0208	0783	Onuphidae	*Nothria occidentalis*						+		+								+				
POER	0208	0818	Onuphidae	*Onuphis affinis*								+												
POER	0208	0819	Onuphidae	*Onuphis nr. affinis*								+												
POER	0208	0820	Onuphidae	*Onuphis elegans*										+	+			+			+			+
POER	0208	0825	Onuphidae	*Onuphis geophiliformis*					+			+			+		+						+	
POER	0208	0830	Onuphidae	*Onuphis iridescens*			+			+	+	+	+		+	+	+	+	+	+	+		+	+
POER	0208	0831	Onuphidae	*Onuphis nr. iridescens*			+										+			+				
POER	0208	0840	Onuphidae	*Onuphis* sp.			+			+		+	+	+	+	+	+	+	+	+	+	+		
POER	0208	1038	Onuphidae	*Rhamphobranchium* sp. 1 (Jones)								+												
POER	0208	1039	Onuphidae	*Nothria conchylega*											+									
POER	0212	0212	Pholoidae	Pholoidae indet.														+						
POER	0212	0224	Pholoidae	Pholoidae								+												
POER	0212	0880	Pholoidae	*Pholoe glabra*	+			+	+	+	+	+				+	+	+	+	+				
POER	0212	0883	Pholoidae	*Pholoe longa*								+												
POER	0212	0885	Pholoidae	*Pholoe minuta/glabra*																				
POER	0212	0890	Pholoidae	*Pholoe minuta*		+	+	+				+	+	+	+	+	+	+			+	+	+	+
POER	0212	0895	Pholoidae	*Pholoe* sp. N-1			+					+				+	+	+		+				+
POER	0212	0900	Pholoidae	*Pholoe* sp.			+			+		+				+	+	+		+	+	+		+
POER	0212	0910	Pholoidae	*Pholoides asperus*	+				+	+		+	+		+		+	+	+	+		+	+	+
POER	0214	0037	Phyllodocidae	*Clavadoce nigrimaculata*								+					+							
POER	0214	0214	Phyllodocidae	Phyllodocidae indet.						+		+		+	+	+		+						
POER	0214	0295	Phyllodocidae	*Eteone californica*			+				+	+		+		+		+	+	+				+
POER	0214	0296	Phyllodocidae	*Eteone* nr. *californica*								+					+			+				
POER	0214	0298	Phyllodocidae	*Eteone leptotes*								+												
POER	0214	0300	Phyllodocidae	*Eteone longa complex*		+			+	+	+	+		+	+	+	+	+	+	+		+	+	
POER	0214	0310	Phyllodocidae	*Eteone* spp.	+				+	+		+	+	+	+	+	+	+	+	+	+	+		
POER	0214	0312	Phyllodocidae	*Eteone* sp. 1 (Ruff)												+								
POER	0214	0314	Phyllodocidae	*Eteone pacifica*															+					
POER	0214	0315	Phyllodocidae	*Eteone* nr. *pigmentata*								+						+						
POER	0214	0316	Phyllodocidae	*Eteone pigmentata*								+												
POER	0214	0320	Phyllodocidae	*Eteone spilotus*			+		+	+		+				+	+	+	+	+	+			
POER	0214	0328	Phyllodocidae	*Eteone tuberculata*					+								+							
POER	0214	0337	Phyllodocidae	*Eulalia bilineata*						+		+			+		+	+		+				+
POER	0214	0338	Phyllodocidae	*Eulalia californiensis*								+						+			+			
POER	0214	0339	Phyllodocidae	*Eulalia levicornuta*								+			+								+	

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POER	0214	0340	Phyllodocidae	*Eulalia sanguinea*											+			+						
POER	0214	0342	Phyllodocidae	*Eulalia quadrioculata*								+					+							
POER	0214	0344	Phyllodocidae	*Eulalia* sp.						+		+			+		+			+				
POER	0214	0345	Phyllodocidae	*Eulalia* sp. 1 (Ruff)								+				+	+							
POER	0214	0349	Phyllodocidae	*Eulalia viridis*									+		+				+					
POER	0214	0360	Phyllodocidae	*Eumida longicornuta*	+				+	+	+	+		+		+	+	+	+		+	+		+
POER	0214	0362	Phyllodocidae	*Eumida tubiformis*						+		+								+				+
POER	0214	0365	Phyllodocidae	*Eumida* sp.			+		+			+		+		+	+	+	+	+				+
POER	0214	0608	Phyllodocidae	*Lugia uschakovi*																+				
POER	0214	0866	Phyllodocidae	*Paranaitis polynoides*						+		+			+	+	+			+				
POER	0214	0930	Phyllodocidae	*Genetyllis castanea*								+			+			+		+				
POER	0214	0935	Phyllodocidae	*Phyllodoce cuspidata*												+		+			+			
POER	0214	0940	Phyllodocidae	*Phyllodoce groenlandica*				+	+	+	+	+	+			+	+	+	+	+	+	+		+
POER	0214	0950	Phyllodocidae	*Phyllodoce hartmanae*						+		+				+	+	+	+		+			
POER	0214	0953	Phyllodocidae	*Phyllodoce multiseriata*												+	+							
POER	0214	0954	Phyllodocidae	*Phyllodoce mucosa*		+									+			+						
POER	0214	0955	Phyllodocidae	*Phyllodoce longipes*						+						+		+						
POER	0214	0956	Phyllodocidae	*Phyllodoce maculata*														+						
POER	0214	0957	Phyllodocidae	*Phyllodoce papillosa*																				
POER	0214	0958	Phyllodocidae	*Phyllodoce medipapillata*								+												
POER	0214	0959	Phyllodocidae	*Phyllodoce williamsi*					+			+						+						
POER	0214	0960	Phyllodocidae	*Phyllodoce spp.*			+		+	+		+			+	+	+	+	+		+			+
POER	0214	1037	Phyllodocidae	*Pterocirrus montereyensis*								+						+			+			
POER	0214	1060	Phyllodocidae	*Sige* sp.						+		+						+						
POER	0214	1069	Phyllodocidae	*Anaitides citrina*											+									
POER	0214	1090	Phyllodocidae	*Hesionura coineaui difficilis*											+									
POER	0216	0216	Pilargidae	Pilargidae indet.								+						+						
POER	0216	0866	Pilargidae	*Ancistrosyllis groenlandica*		+	+			+			+		+								+	
POER	0216	0868	Pilargidae	*Parandalia fauveli*						+		+		+			+	+	+				+	
POER	0216	0973	Pilargidae	*Pilargis berkeleyae*					+	+	+	+		+	+	+	+						+	
POER	0216	0975	Pilargidae	*Pilargis maculata*								+				+		+	+		+	+		
POER	0216	0976	Pilargidae	*Pilargis* sp.								+							+					
POER	0216	1046	Pilargidae	*Sigambra* nr. *bassi*								+												
POER	0216	1047	Pilargidae	*Sigambra setosa*												+								
POER	0216	1048	Pilargidae	*Sigambra tentaculata*						+		+				+							+	
POER	0218	0985	Pisionidae	*Pisione* nr. *remota*								+			+									
POER	0218	0987	Pisionidae	*Pisione* sp.								+												
POER	0220	0034	Polynoidae	*Bylgides macrolepidus*		+	+				+		+				+		+		+			
POER	0220	0090	Polynoidae	*Arctonoe pulchra*															+		+			
POER	0220	0091	Polynoidae	*Arcteobia spinelytris*		+									+								+	
POER	0220	0220	Polynoidae	Polynoidae indet.	+	+				+	+	+	+		+	+	+	+			+	+		
POER	0220	0380	Polynoidae	*Eunoe* cf. *oerstedi*														+						
POER	0220	0390	Polynoidae	*Eunoe depressa*								+						+	+					
POER	0220	0400	Polynoidae	*Eunoe oerstedi*								+												
POER	0220	0405	Polynoidae	*Eunoe senta*								+												
POER	0220	0410	Polynoidae	*Eunoe* sp.		+				+	+	+						+	+					
POER	0220	0476	Polynoidae	*Gattyana ciliata*								+			+					+				+
POER	0220	0478	Polynoidae	*Gattyana cirrosa*							+	+	+		+			+		+				+
POER	0220	0480	Polynoidae	*Gattyana treadwelli*		+	+			+		+				+	+		+	+				
POER	0220	0482	Polynoidae	*Gattyana* spp.			+						+			+	+	+						
POER	0220	0490	Polynoidae	*Grubeopolynoe tuta*																	+			
POER	0220	0560	Polynoidae	*Harmothoe extenuata*													+							
POER	0220	0577	Polynoidae	*Harmothoe* nr. *fragilis*					+			+								+				
POER	0220	0581	Polynoidae	*Hesperonoe nr. complanata*													+							

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POER	0220	0583	Polynoidae	*Halosydna parva*						+														
POER	0220	0584	Polynoidae	*Halosydna johnsoni*								+												
POER	0220	0585	Polynoidae	*Harmothoe imbricata*		+			+	+		+		+		+		+	+		+			+
POER	0220	0586	Polynoidae	*Harmothoe hirsuta*								+												
POER	0220	0587	Polynoidae	*Harmothoe multisetosa*								+									+			
POER	0220	0588	Polynoidae	*Hesperonoe* sp.								+				+	+				+			
POER	0220	0589	Polynoidae	*Hesperonoe adventor*								+												
POER	0220	0590	Polynoidae	*Harmothoe* sp.					+	+		+	+			+	+	+			+			+
POER	0220	0591	Polynoidae	*Hesperonoe laevis*			+									+								
POER	0220	0592	Polynoidae	*Hesperonoe complanata*			+					+		+		+	+				+			+
POER	0220	0593	Polynoidae	Harmothoinae indet.												+		+			+			
POER	0220	0594	Polynoidae	*Lepidasthenia berkeleyae*						+		+			+	+		+						
POER	0220	0595	Polynoidae	*Lepidasthenia longicirrata*								+					+	+		+			+	
POER	0220	0600	Polynoidae	*Lepidasthenia* sp.														+						
POER	0220	0603	Polynoidae	*Lepidonotus* sp.								+						+						
POER	0220	0604	Polynoidae	nr. *Lepidasthenia* sp.																				
POER	0220	0605	Polynoidae	*Lepidonotus squamatus*									+		+			+	+	+	+			
POER	0220	0606	Polynoidae	*Lepidonotus spiculus*								+												
POER	0220	0665	Polynoidae	*Malmgreniella bansei*					+	+		+				+	+	+		+				
POER	0220	0666	Polynoidae	*Malmgreniella berkeleyorum*			+									+								+
POER	0220	0667	Polynoidae	*Malmgreniella liei*								+				+		+						
POER	0220	0668	Polynoidae	*Malmgreniella* nr. *liei*								+								+				
POER	0220	0669	Polynoidae	*Malmgreniella macginitiei*				+	+			+				+	+	+		+	+			+
POER	0220	0670	Polynoidae	*Malmgreniella nigralba*	+	+							+	+	+	+		+	+		+		+	
POER	0220	0675	Polynoidae	*Malmgreniella scriptoria*			+				+					+								
POER	0220	0677	Polynoidae	*Malmgreniella sanpedroensis*			+					+				+	+							
POER	0220	0679	Polynoidae	*Malmgreniella* nr. *berkeleyorum*			+																	
POER	0220	0680	Polynoidae	*Malmgreniella* spp.					+	+		+				+	+	+		+	+			
POER	0220	0682	Polynoidae	*Malmgreniella* sp. 2 (Byers)								+												
POER	0220	0683	Polynoidae	*Malmgreniella* sp. 3 (Byers)								+												
POER	0220	1028	Polynoidae	*Polynoe gracilis*													+	+						
POER	0220	1029	Polynoidae	*Polynoe canadensis*											+									
POER	0220	1200	Polynoidae	*Tenonia priops*	+							+		+		+	+	+	+		+			+
POER	0224	0224	Sigalionidae	*Sigalion* sp.						+		+			+			+						
POER	0224	1090	Sigalionidae	*Thalenessa* sp.											+									
POER	0224	1120	Sigalionidae	*Sthenelais* sp.														+						
POER	0224	1129	Sigalionidae	*Sthenelais fusca*																	+			
POER	0224	1130	Sigalionidae	*Sthenelais tertiaglabra*						+		+			+	+	+	+		+	+			
POER	0224	1140	Sigalionidae	*Sthenelais verruculosa*														+						
POER	0224	1190	Sigalionidae	*Sthenelais berkeleyi*											+									
POER	0226	1077	Sphaerodoridae	*Sphaerodoropsis minuta*								+						+		+			+	
POER	0226	1079	Sphaerodoridae	*Sphaerodoropsis* sp.						+		+			+									
POER	0226	1080	Sphaerodoridae	*Sphaerodoropsis sphaerulifer*				+		+	+	+		+		+	+	+	+	+			+	+
POER	0226	1081	Sphaerodoridae	*Sphaerodorum papillifer*								+								+				
POER	0228	0018	Syllidae	*Amblyosyllis lineata alba*								+												
POER	0228	0024	Syllidae	*Brania* sp.								+							+					
POER	0228	0027	Syllidae	*Autolytus magnus*								+												
POER	0228	0029	Syllidae	*Autolytus verrilli*								+					+							
POER	0228	0030	Syllidae	*Autolytus* sp.								+	+		+	+		+		+				
POER	0228	0031	Syllidae	Autolytinae indet.													+	+						

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POER	0228	0032	Syllidae	*Brania brevipharyngea*														+						
POER	0228	0033	Syllidae	*Brania* sp. 1														+						
POER	0228	0228	Syllidae	Syllidae indet.						+		+	+		+			+						
POER	0228	0265	Syllidae	*Ehlersia* sp.								+												
POER	0228	0429	Syllidae	Eusyllinae indet.								+						+		+				
POER	0228	0430	Syllidae	*Eusyllis assimilis*						+			+					+						
POER	0228	0431	Syllidae	*Eusyllis blomstrandi*								+			+		+	+						
POER	0228	0433	Syllidae	*Eusyllis habei*								+					+	+		+				
POER	0228	0434	Syllidae	*Eusyllis japonica*								+												
POER	0228	0435	Syllidae	*Eusyllis* sp.						+		+						+		+				
POER	0228	0444	Syllidae	*Exogone acutipalpa*								+								+				
POER	0228	0445	Syllidae	*Exogone dwisula*				+				+				+	+	+	+	+	+			+
POER	0228	0450	Syllidae	*Exogone lourei*			+	+		+		+	+		+	+	+	+	+	+	+	+	+	
POER	0228	0460	Syllidae	*Exogone molesta*						+	+	+				+	+	+	+	+			+	+
POER	0228	0465	Syllidae	*Exogone* nr. *occidentalis*								+												
POER	0228	0469	Syllidae	*Exogone verugera*									+						+					
POER	0228	0470	Syllidae	*Exogone* sp.						+		+			+						+			
POER	0228	0471	Syllidae	Exogoninae indet.														+						
POER	0228	0479	Syllidae	*Exogone naidina*																			+	
POER	0228	0787	Syllidae	*Odontosyllis parva*								+						+						
POER	0228	0790	Syllidae	*Odontosyllis phosphorea*						+		+	+		+			+		+	+			
POER	0228	0800	Syllidae	*Odontosyllis* sp.								+						+						
POER	0228	0977	Syllidae	*Pionosyllis magnifica*														+						
POER	0228	0978	Syllidae	*Pionosyllis uraga*						+		+			+		+	+		+				
POER	0228	0979	Syllidae	*Pionosyllis* nr. *uraga*								+												
POER	0228	0980	Syllidae	*Pionosyllis* spp.						+		+						+			+			
POER	0228	0981	Syllidae	*Pionosyllis* sp. 1														+						
POER	0228	1029	Syllidae	*Proceraea cornuta*								+				+	+		+		+			
POER	0228	1030	Syllidae	*Proceraea* sp.								+						+		+				
POER	0228	1083	Syllidae	*Sphaerosyllis bilineata*														+						
POER	0228	1085	Syllidae	*Sphaerosyllis brandhorsti*								+			+		+						+	
POER	0228	1086	Syllidae	*Sphaerosyllis* nr. *brandhorsti*								+												
POER	0228	1087	Syllidae	*Sphaerosyllis californiensis*				+				+			+			+		+	+			
POER	0228	1090	Syllidae	*Sphaerosyllis ranunculus*								+				+	+	+	+					
POER	0228	1091	Syllidae	*Sphaerosyllis hystrix*									+											
POER	0228	1100	Syllidae	*Sphaerosyllis* sp.								+						+		+	+			
POER	0228	1101	Syllidae	*Sphaerosyllis* sp. A (Ruff)														+						
POER	0228	1102	Syllidae	*Sphaerosyllis* sp. N1 (PSAMP)																	+			
POER	0228	1129	Syllidae	*Typosyllis variegata*								+												
POER	0228	1153	Syllidae	*Syllides* sp.								+												
POER	0228	1154	Syllidae	*Syllides japonica*														+						
POER	0228	1155	Syllidae	*Syllides longocirrata*								+											+	
POER	0228	1156	Syllidae	*Syllides mikeli*														+						
POER	0228	1157	Syllidae	*Syllides* nr. *fulva*								+												
POER	0228	1158	Syllidae	*Syllides* sp. 1														+						
POER	0228	1159	Syllidae	*Syllides* sp. 1 (Byers)								+												
POER	0228	1160	Syllidae	*Syllis elongata*		+				+		+	+	+	+			+						+
POER	0228	1162	Syllidae	*Syllides reishi*																+				
POER	0228	1170	Syllidae	*Syllis gracilis*								+						+	+					
POER	0228	1173	Syllidae	*Syllis spongiphila*								+								+				
POER	0228	1175	Syllidae	*Syllis* cf. *sclerolaema*								+						+						

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POER	0228	1180	Syllidae	*Syllis* sp.						+		+			+			+			+			
POER	0228	1213	Syllidae	*Typosyllis aciculata orientalis*								+												
POER	0228	1214	Syllidae	*Typosyllis alternata*					+	+		+			+			+		+		+	+	
POER	0228	1216	Syllidae	*Typosyllis armillaris*								+						+						
POER	0228	1217	Syllidae	*Typosyllis* nr. *armillaris*																+				
POER	0228	1218	Syllidae	*Typosyllis caeca*										+		+	+	+		+				+
POER	0228	1220	Syllidae	*Typosyllis cornuta*				+		+		+				+	+	+		+	+			
POER	0228	1222	Syllidae	*Typosyllis harti*						+		+						+					+	
POER	0228	1225	Syllidae	*Ehlersia heterochaeta*			+			+		+	+	+		+	+	+	+	+	+	+		+
POER	0228	1226	Syllidae	*Ehlersia hyperioni*								+												
POER	0228	1227	Syllidae	*Typosyllis hyalina*								+	+		+			+						
POER	0228	1228	Syllidae	*Typosyllis* nr. *variegata*																+				
POER	0228	1230	Syllidae	*Typosyllis* spp.	+				+	+		+				+		+	+	+				
POER	0228	1239	Syllidae	*Dioplosyllis* sp.											+									
POER	0228	1900	Syllidae	*Streptosyllis* sp.											+									
POGO	0000	0001		Pogonophora indet.									+											
PORI	0000	0001		Porifera indet.								+						+						
PORI	0000	0005		Calcarea indet.								+												
PORI	0000	0010		Demospongiae indet.						+										+				
PORI	0000	0045		Dendroceratida indet.								+												
PORI	0000	0074		Demospongiae sp. A								+						+						
PORI	0000	0075		Demospongiae sp. B (Macdonald)								+						+						
PORI	0000	0076		Demospongiae sp. D (Macdonald)								+												
PORI	0000	0077		Demospongiae sp. C (Macdonald)								+												
PORI	0002	0100	Amphoriscidae	*Leucilla nuttingi*													+	+		+				
PORI	0002	0104	Amphoriscidae	*Leucilla* sp.								+												
PORI	0002	0105	Amphoriscidae	nr. *Leucilla* sp.														+						
PORI	0008	0050	Clathriidae	*Axocielita occidentalis*														+						
PORI	0011	0060	"Clionidae"	*Cliona* sp.														+		+				
PORI	0011	0063	"Clionidae"	*Cliona lobata*								+												
PORI	0013	0080	Dysideidae	*Dysidea fragilis*								+		+										+
PORI	0013	0089	Dysideidae	*Dysidea gracilis*																				+
PORI	0014	0090	Grantiidae	*Leucandra* sp.								+						+						
PORI	0014	0095	Grantiidae	*Leucandra taylori*																+				
PORI	0015	0083	Halichondriidae	*Halichondria* sp.																				
PORI	0016	0085	Haliclonidae	*Haliclona* sp.								+												
PORI	0016	0153	Haliclonidae	*Sigmadocia* sp.								+												
PORI	0017	0145	Hymeniacidonidae	nr. *Prianos* sp.								+												
PORI	0018	0108	Leucosoleniidae	*Leucosolenia eleanor*								+												
PORI	0018	0110	Leucosoleniidae	*Leucosolenia* sp.								+						+						
PORI	0019	0090	Microcionidae	*Microciona primitiva*											+									
PORI	0020	0120	Mycalidae	*Mycale adhaerens*					+			+						+		+				
PORI	0020	0125	Mycalidae	*Mycale* sp.								+						+		+				
PORI	0022	0138	Myxillidae	*Myxilla lacunosa*														+						
PORI	0022	0140	Myxillidae	*Myxilla incrustans*											+			+						
PORI	0025	0200	Polymastiidae	*Weberella* sp.																+				
PORI	0028	0160	Rossellidae	*Rhabdocalyptus dawsoni*														+		+				
PORI	0034	0157	Suberitidae	*Suberites* sp.								+												
PORI	0034	0158	Suberitidae	nr. *Suberites* sp.																+				
PORI	0035	0165	Sycettidae	*Sycon* sp.								+												
PORI	0035	0180	Sycettidae	*Tenthrenodes* sp.														+						
PORI	0039	0090	Dictyonellidae	Phakettia sp.										+										
PORI	0039	0091	Dictyonellidae	*Stylissa stipitata*										+										
POSE	0228	1225	Syllidae	*Ehlersia heterochaeta*											+									
POSE	0236	0890	Acrocirridae	*Macrochaeta* sp.								+												

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Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POSE	0242	0020	Ampharetidae	*Amage anops*		+	+			+		+	+		+	+	+	+		+	+		+	
POSE	0242	0040	Ampharetidae	*Ampharete acutifrons*						+	+	+	+		+	+		+	+		+		+	
POSE	0242	0042	Ampharetidae	*Ampharete* nr. *acutifrons*			+									+	+			+				+
POSE	0242	0044	Ampharetidae	*Ampharete* cf. *crassiseta*				+										+						
POSE	0242	0050	Ampharetidae	*Ampharete finmarchica*		+		+	+	+		+	+		+	+	+	+	+	+	+	+	+	
POSE	0242	0051	Ampharetidae	*Ampharete* nr. *finmarchica*																				
POSE	0242	0054	Ampharetidae	*Ampharete goesi brazhnikovi*														+						
POSE	0242	0055	Ampharetidae	*Ampharete goesi goesi*														+			+			
POSE	0242	0060	Ampharetidae	*Ampharete labrops*						+		+					+	+	+					
POSE	0242	0070	Ampharetidae	*Ampharete* spp.				+		+		+			+	+	+	+	+		+			
POSE	0242	0071	Ampharetidae	*Amphicteis glabra*						+		+					+	+		+				
POSE	0242	0073	Ampharetidae	*Amphicteis mucronata*								+				+		+		+			+	
POSE	0242	0074	Ampharetidae	*Amphicteis scaphobranchiata*		+	+					+	+		+	+	+				+		+	
POSE	0242	0075	Ampharetidae	*Amphicteis* sp.		+						+			+	+		+						
POSE	0242	0080	Ampharetidae	*Anobothrus gracilis*		+	+	+	+	+		+	+		+	+	+	+		+	+	+		+
POSE	0242	0242	Ampharetidae	Ampharetidae indet.				+		+		+	+		+	+	+	+		+	+			
POSE	0242	0345	Ampharetidae	*Asabellides lineata*						+		+			+	+	+	+		+	+			
POSE	0242	0347	Ampharetidae	*Asabellides oculata*														+						
POSE	0242	0349	Ampharetidae	*Asabellides sibirica*								+						+	+		+	+		+
POSE	0242	0350	Ampharetidae	*Asabellides spp.*					+					+				+	+	+				
POSE	0242	0870	Ampharetidae	*Lysippe labiata*					+	+		+			+			+		+			+	
POSE	0242	0880	Ampharetidae	*Lysippe* sp.														+						
POSE	0242	0986	Ampharetidae	*Melinna* sp.								+				+				+	+			
POSE	0242	0988	Ampharetidae	*Melinna cristata*						+		+	+		+				+				+	
POSE	0242	0989	Ampharetidae	*Melinna heterodonta*			+										+			+				
POSE	0242	0990	Ampharetidae	*Melinna elisabethae*			+		+	+	+	+	+		+	+	+	+		+		+	+	
POSE	0242	0991	Ampharetidae	*Melinna oculata*								+				+		+			+			
POSE	0242	0992	Ampharetidae	*Melinna* nr. *heterodonta*													+							
POSE	0242	1004	Ampharetidae	*Mooresamytha bioculata*						+		+												
POSE	0242	1135	Ampharetidae	nr. *Irana* sp.								+												
POSE	0242	1180	Ampharetidae	*Paramage padurensis*														+						
POSE	0242	1675	Ampharetidae	*Samytha californiensis*						+		+							+	+				
POSE	0242	1700	Ampharetidae	*Schistocomus hiltoni*								+			+			+					+	
POSE	0242	1737	Ampharetidae	*Sosane occidentalis*													+							
POSE	0242	1760	Ampharetidae	*Sosanopsis wireni*																+				
POSE	0244	0130	Apistobranchidae	*Apistobranchus ornatus*											+			+		+				
POSE	0244	0132	Apistobranchidae	*Apistobranchus* sp.								+								+				
POSE	0244	0135	Apistobranchidae	*Apistobranchus tullbergi*													+	+		+	+		+	
POSE	0246	0140	Arenicolidae	Arenicolidae indet.														+						
POSE	0246	0145	Arenicolidae	*Abarenicola* sp.								+												
POSE	0248	0248	Capitellidae	Capitellidae indet.		+				+		+	+			+		+		+				
POSE	0248	0380	Capitellidae	*Barantolla americana*					+	+	+	+	+					+	+					
POSE	0248	0383	Capitellidae	*Barantolla* nr. *americana*			+	+				+		+		+	+	+		+	+			
POSE	0248	0384	Capitellidae	*Barantolla* sp.								+												
POSE	0248	0450	Capitellidae	*Capitella capitata complex*				+	+	+	+	+		+	+	+	+	+	+	+	+			+
POSE	0248	0490	Capitellidae	*Capitella capitata* sp. 1								+							+					
POSE	0248	0680	Capitellidae	*Decamastus gracilis*	+					+	+	+	+		+	+		+	+		+	+	+	
POSE	0248	0683	Capitellidae	*Decamastus* nr. *gracilis*			+	+	+			+		+		+	+	+		+				+
POSE	0248	0685	Capitellidae	*Decamastus* sp.		+						+						+						
POSE	0248	0740	Capitellidae	*Heteromastus filiformis*				+	+	+		+						+					+	
POSE	0248	0750	Capitellidae	*Heteromastus filobranchus*		+	+		+	+	+	+	+	+		+	+	+			+		+	+

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POSE	0248	0760	Capitellidae	*Heteromastus* sp.				+	+	+		+				+	+	+			+			+
POSE	0248	0945	Capitellidae	*Mediomastus ambiseta*	+		+	+	+	+	+	+		+		+	+	+	+	+	+		+	+
POSE	0248	0948	Capitellidae	*Mediomastus californiensis*			+	+	+	+		+	+	+	+	+	+	+	+		+	+		+
POSE	0248	0949	Capitellidae	*Mediomastus* nr. *californiensis*								+												
POSE	0248	0950	Capitellidae	*Mediomastus spp.*		+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+		+
POSE	0248	1075	Capitellidae	*Notomastus hemipodus*				+	+	+		+		+		+	+	+		+	+			+
POSE	0248	1080	Capitellidae	*Notomastus latericeus*						+		+				+	+	+			+			+
POSE	0248	1085	Capitellidae	*Notomastus lineatus*		+				+		+		+	+			+	+	+		+	+	+
POSE	0248	1089	Capitellidae	*Notomastus californiensis*										+										
POSE	0248	1090	Capitellidae	*Notomastus* sp.								+				+		+	+	+	+	+		
POSE	0248	1099	Capitellidae	*Notomastus variegatus*															+					
POSE	0248	1100	Capitellidae	*Notomastus tenuis*				+			+	+		+				+	+			+	+	+
POSE	0250	0250	Chaetopteridae	Chaetopteridae indet.						+		+			+			+			+			
POSE	0250	0485	Chaetopteridae	*Chaetopterus variopedatus*						+		+							+				+	
POSE	0250	0486	Chaetopteridae	*Chaetopterus* spp.																+				
POSE	0250	0993	Chaetopteridae	*Mesochaetopterus taylori*						+	+		+		+			+		+				+
POSE	0250	0999	Chaetopteridae	Mesochaetopterus sp.									+											
POSE	0250	1340	Chaetopteridae	*Phyllochaetopterus claparedii*									+						+		+			
POSE	0250	1341	Chaetopteridae	*Phyllochaetopterus limicolus*								+												
POSE	0250	1342	Chaetopteridae	*Phyllochaetopterus pottsi*			+									+	+							
POSE	0250	1343	Chaetopteridae	*Phyllochaetopterus prolifica*				+		+		+					+	+		+				+
POSE	0250	1345	Chaetopteridae	Phyllochaetopterus sp.			+			+		+			+				+	+		+		
POSE	0250	1790	Chaetopteridae	*Spiochaetopterus costarum*	+			+	+	+	+	+		+	+	+	+	+	+	+		+	+	+
POSE	0250	1795	Chaetopteridae	*Spiochaetopterus pottsi*												+	+				+			
POSE	0250	1800	Chaetopteridae	*Spiochaetopterus* sp.								+						+						
POSE	0252	0090	Cirratulidae	*Aphelochaeta monilaris*					+	+	+	+				+	+	+	+		+			
POSE	0252	0091	Cirratulidae	*Aphelochaeta glandaria*								+						+			+			
POSE	0252	0092	Cirratulidae	*Aphelochaeta marioni*																				
POSE	0252	0100	Cirratulidae	*Aphelochaeta multifilis*	+	+				+	+	+	+		+			+	+				+	
POSE	0252	0101	Cirratulidae	*Aphelochaeta* nr. *multifilis*																				
POSE	0252	0111	Cirratulidae	*Aphelochaeta tigrina*												+								
POSE	0252	0112	Cirratulidae	*Aphelochaeta nr. tigrina*					+			+					+	+		+				
POSE	0252	0120	Cirratulidae	*Aphelochaeta* sp.	+		+		+	+		+		+		+	+	+		+	+	+		+
POSE	0252	0122	Cirratulidae	*Aphelochaeta* sp. 2			+									+	+							
POSE	0252	0125	Cirratulidae	*Aphelochaeta* sp. N-1 (Ruff)					+			+				+	+	+		+		+		
POSE	0252	0252	Cirratulidae	Cirratulidae indet.		+	+			+		+			+	+	+	+		+	+	+		
POSE	0252	0467	Cirratulidae	*Caulleriella hamata*		+						+										+		
POSE	0252	0468	Cirratulidae	*Caulleriella pacifica*					+			+		+			+	+	+	+				+
POSE	0252	0470	Cirratulidae	*Caulleriella* sp.						+		+		+					+					
POSE	0252	0487	Cirratulidae	*Chaetozone acuta*					+		+	+		+	+			+	+			+		+
POSE	0252	0490	Cirratulidae	*Caulleriella bioculata*											+			+						
POSE	0252	0493	Cirratulidae	*Chaetozone columbiana*								+		+										+
POSE	0252	0494	Cirratulidae	*Chaetozone* nr. *columbiana*																+				
POSE	0252	0495	Cirratulidae	*Chaetozone commonalis*			+					+				+	+	+						
POSE	0252	0500	Cirratulidae	*Chaetozone setosa*		+				+		+			+	+								
POSE	0252	0503	Cirratulidae	*Chaetozone* nr. *setosa*					+			+		+		+	+	+	+	+	+	+		+

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POSE	0252	0505	Cirratulidae	*Chaetozone spinosa*		+							+		+									
POSE	0252	0510	Cirratulidae	*Chaetozone* sp.			+		+	+		+		+	+	+	+	+		+	+			+
POSE	0252	0512	Cirratulidae	*Chaetozone* sp. N-1 (Ruff)					+			+	+					+				+		
POSE	0252	0513	Cirratulidae	*Chaetozone* sp. N-2 (Ruff)								+	+	+										+
POSE	0252	0560	Cirratulidae	*Cirratulus spectabilis*						+		+				+	+	+	+		+	+		+
POSE	0252	0570	Cirratulidae	*Cirratulus cirratus*								+			+			+	+					
POSE	0252	0575	Cirratulidae	*Cirratulus* sp. N-1 (Ruff)														+						
POSE	0252	0600	Cirratulidae	*Cirriformia* sp.														+						
POSE	0252	0701	Cirratulidae	*Dodecaceria concharum*																+				
POSE	0252	0703	Cirratulidae	*Dodecaceria fewkesi*														+						
POSE	0252	0705	Cirratulidae	*Dodecaceria* sp.														+						
POSE	0252	0990	Cirratulidae	*Monticellina dorsobranchialis*						+														
POSE	0252	0995	Cirratulidae	*Monticellina serratiseta*			+					+				+	+	+	+	+				+
POSE	0252	0996	Cirratulidae	*Monticellina* sp.	+							+				+	+	+		+	+			
POSE	0252	0997	Cirratulidae	*Monticellina secunda*			+					+						+					+	
POSE	0252	0999	Cirratulidae	*Monticellina* sp. 1 (Ruff)														+						
POSE	0252	1001	Cirratulidae	*Monticellina tesselata*		+						+			+		+	+		+	+		+	
POSE	0252	1006	Cirratulidae	*Monticellina* sp. 3 (Byers)								+												
POSE	0252	1009	Cirratulidae	*Monticellina cryptica*																	+			
POSE	0252	1645	Cirratulidae	*Protocirrineris socialis*								+												
POSE	0252	1930	Cirratulidae	*Tharyx acutus*						+														
POSE	0252	1936	Cirratulidae	*Tharyx parvus*								+												
POSE	0252	1937	Cirratulidae	*Tharyx nr. kirkegaardi*																				
POSE	0252	1938	Cirratulidae	Tharyx sp. N-1														+						
POSE	0252	1939	Cirratulidae	*Tharyx spp.*			+						+		+					+				
POSE	0254	0646	Cossuridae	*Cossura bansei*			+			+		+				+								
POSE	0254	0650	Cossuridae	*Cossura modica*						+		+	+			+	+	+						
POSE	0254	0660	Cossuridae	*Cossura pygodactylata*	+	+	+	+	+	+	+	+				+	+	+	+	+	+		+	
POSE	0254	0665	Cossuridae	*Cossura* spp.								+	+		+	+					+			
POSE	0254	0669	Cossuridae	*Cossura longocirrata*		+							+		+									
POSE	0256	0675	Ctenodrilidae	Ctenodrilidae sp. 1														+						
POSE	0256	1657	Ctenodrilidae	*Raricirrus* sp.								+						+						
POSE	0256	1658	Ctenodrilidae	*Raricirrus* sp. 1																				
POSE	0260	0260	Flabelligeridae	Flabelligeridae indet.								+			+			+						
POSE	0260	0420	Flabelligeridae	*Brada sachalina*		+	+			+		+	+			+	+	+	+		+		+	
POSE	0260	0430	Flabelligeridae	*Brada* sp.			+					+				+	+	+				+		
POSE	0260	0435	Flabelligeridae	*Brada villosa*		+					+	+	+		+	+	+	+						
POSE	0260	0736	Flabelligeridae	*Flabelligera affinis*		+						+	+				+				+	+		
POSE	0260	1309	Flabelligeridae	*Diplocirrus* sp.											+									
POSE	0260	1320	Flabelligeridae	*Pherusa capulata*								+												
POSE	0260	1321	Flabelligeridae	*Pherusa* nr. *capulata*								+												
POSE	0260	1322	Flabelligeridae	*Pherusa inflata*								+												
POSE	0260	1323	Flabelligeridae	*Pherusa negligens*						+		+	+				+				+			
POSE	0260	1324	Flabelligeridae	*Pherusa papillata*								+												+
POSE	0260	1328	Flabelligeridae	*Pherusa neopapillata*			+			+		+					+				+			+
POSE	0260	1330	Flabelligeridae	*Pherusa plumosa*		+				+		+	+		+			+	+				+	
POSE	0260	1331	Flabelligeridae	*Pherusa* sp.								+									+			+
POSE	0260	1365	Flabelligeridae	*Piromis hospitis*								+												
POSE	0264	0900	Magelonidae	*Magelona longicornis*				+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+
POSE	0264	0901	Magelonidae	*Magelona berkeleyae*								+							+					
POSE	0264	0903	Magelonidae	*Magelona hobsonae*								+			+									
POSE	0264	0905	Magelonidae	*Magelona* sp.					+			+			+			+						
POSE	0264	0909	Magelonidae	*Magelona sacculata*											+									
POSE	0266	0010	Maldanidae	Lumbriclymeninae indet.						+		+												
POSE	0266	0266	Maldanidae	Maldanidae indet.		+				+		+	+		+	+	+	+		+	+	+		

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POSE	0266	0277	Maldanidae	*Asychis* sp.						+			+											
POSE	0266	0355	Maldanidae	*Axiothella rubrocincta*				+		+		+		+	+	+	+			+				+
POSE	0266	0360	Maldanidae	*Axiothella* sp.						+		+		+				+						+
POSE	0266	0513	Maldanidae	*Chirimia biceps*								+												
POSE	0266	0515	Maldanidae	*Chirimia similis*						+		+					+			+			+	
POSE	0266	0519	Maldanidae	*Chirimia* sp.																	+			
POSE	0266	0608	Maldanidae	*Clymenella* sp.								+												+
POSE	0266	0610	Maldanidae	*Clymenella torquata*								+												
POSE	0266	0620	Maldanidae	*Clymenura columbiana*						+		+	+		+			+		+	+			
POSE	0266	0630	Maldanidae	*Clymenura gracilis*						+				+		+		+		+				+
POSE	0266	0632	Maldanidae	*Clymenura* nr. *aciculata*																+				
POSE	0266	0633	Maldanidae	*Clymenura* sp.						+		+				+	+			+				
POSE	0266	0710	Maldanidae	Euclymeninae indet.			+	+			+	+	+			+	+	+		+	+	+		
POSE	0266	0711	Maldanidae	*Euclymene reticulata*						+														
POSE	0266	0713	Maldanidae	*Euclymene* nr. *zonalis*			+	+		+		+	+	+	+	+	+	+		+				+
POSE	0266	0715	Maldanidae	Euclymeninae sp. 1												+	+			+	+			
POSE	0266	0720	Maldanidae	*Euclymene* sp. indet				+		+		+	+		+			+				+		
POSE	0266	0762	Maldanidae	*Isocirrus longiceps*	+							+			+				+	+				+
POSE	0266	0910	Maldanidae	*Maldane glebifex*		+						+	+		+			+		+			+	
POSE	0266	0920	Maldanidae	*Maldane sarsi*	+	+	+			+		+				+	+	+			+			
POSE	0266	0929	Maldanidae	*Micromaldane ornithochaeta*											+									
POSE	0266	0930	Maldanidae	*Maldane* sp.								+				+		+		+	+			
POSE	0266	0932	Maldanidae	*Maldanella* sp. A (Byers)								+												
POSE	0266	0933	Maldanidae	*Maldanella harai*								+								+				
POSE	0266	0934	Maldanidae	*Maldanella* sp.								+												
POSE	0266	0987	Maldanidae	*Microclymene* nr. *caudata*			+									+	+							
POSE	0266	0992	Maldanidae	*Microclymene caudata*					+			+						+						
POSE	0266	0994	Maldanidae	*Metasychis disparidentatus*								+				+					+		+	
POSE	0266	0998	Maldanidae	*Microclymene* sp.						+		+				+								
POSE	0266	1030	Maldanidae	*Nicomache lumbricalis*						+		+			+		+			+	+			
POSE	0266	1050	Maldanidae	*Nicomache personata*			+			+		+					+	+			+			+
POSE	0266	1060	Maldanidae	*Nicomache* sp.								+						+						
POSE	0266	1070	Maldanidae	Nicomachinae indet.								+						+						
POSE	0266	1120	Maldanidae	*Notoproctus* sp.						+		+						+	+					
POSE	0266	1122	Maldanidae	*Notoproctus pacificus*						+		+	+		+					+	+		+	
POSE	0266	1290	Maldanidae	*Petaloproctus* sp.								+						+						
POSE	0266	1300	Maldanidae	*Petaloproctus borealis*						+		+		+	+		+	+					+	+
POSE	0266	1313	Maldanidae	*Petaloproctus tenuis*						+		+						+						
POSE	0266	1390	Maldanidae	*Petaloclymene pacifica*																				
POSE	0266	1536	Maldanidae	*Praxillella affinis*	+					+		+						+						
POSE	0266	1540	Maldanidae	*Praxillella gracilis*	+	+	+	+		+		+	+		+	+	+	+		+		+	+	+
POSE	0266	1550	Maldanidae	*Praxillella pacifica*						+	+	+				+	+	+	+	+				
POSE	0266	1560	Maldanidae	*Praxillella praetermissa*	+			+			+	+	+			+	+	+	+	+				
POSE	0266	1570	Maldanidae	*Praxillella* sp.	+					+	+	+			+	+	+	+	+	+	+			
POSE	0266	1590	Maldanidae	*Praxillura* sp.								+						+						
POSE	0266	1660	Maldanidae	*Rhodine bitorquata*			+			+		+	+		+	+	+	+	+	+	+			
POSE	0266	1661	Maldanidae	*Rhodine* sp.								+												
POSE	0270	0210	Opheliidae	*Armandia brevis*				+	+	+		+			+	+	+	+	+	+	+	+		+
POSE	0270	0270	Opheliidae	Opheliidae indet.								+			+			+						
POSE	0270	0290	Opheliidae	*Ophelia limacina*											+							+		
POSE	0270	1140	Opheliidae	*Ophelina acuminata*			+	+		+		+			+	+	+	+	+		+	+	+	
POSE	0270	1142	Opheliidae	*Ophelina groenlandica*												+								
POSE	0270	1144	Opheliidae	*Ophelina* spp.			+					+			+	+								
POSE	0270	1145	Opheliidae	*Ophelina breviata*			+					+			+	+	+			+			+	
POSE	0270	1975	Opheliidae	*Travisia brevis*								+			+	+		+		+	+		+	
POSE	0270	1977	Opheliidae	*Travisia forbesii*						+		+	+					+	+					

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POSE	0270	1980	Opheliidae	*Travisia pupa*			+				+	+	+		+	+	+	+	+		+		+	
POSE	0270	1985	Opheliidae	*Travisia* sp.								+	+				+	+	+	+				
POSE	0272	0272	Orbiniidae	Orbiniidae indet.								+						+		+				
POSE	0272	0820	Orbiniidae	*Leitoscoloplos pugettensis*		+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
POSE	0272	0830	Orbiniidae	*Leitoscoloplos* sp.					+			+						+						
POSE	0272	0900	Orbiniidae	*Leitoscoloplos panamensis*				+	+															
POSE	0272	1008	Orbiniidae	*Naineris* cf. *grubei*														+		+				
POSE	0272	1009	Orbiniidae	*Naineris uncinata*								+			+			+				+		
POSE	0272	1012	Orbiniidae	*Naineris* spp.													+							
POSE	0272	1146	Orbiniidae	*Orbinia felix*																				
POSE	0272	1147	Orbiniidae	*Orbinia* sp.								+												
POSE	0272	1350	Orbiniidae	*Phylo felix*						+		+		+	+	+		+		+	+	+		+
POSE	0272	1359	Orbiniidae	*Phylo nudus*										+										+
POSE	0272	1740	Orbiniidae	*Scoloplos acmeceps*			+					+			+	+	+	+	+	+			+	
POSE	0272	1745	Orbiniidae	*Scoloplos armiger*				+	+						+	+		+			+			
POSE	0272	1747	Orbiniidae	*Scoloplos* nr. *acmeceps*				+						+		+		+		+		+		+
POSE	0272	1750	Orbiniidae	*Scoloplos* sp.						+		+						+	+					
POSE	0274	0274	Oweniidae	Oweniidae indet.						+		+			+					+				
POSE	0274	0720	Oweniidae	*Galathowenia oculata*	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
POSE	0274	0722	Oweniidae	*Galathowenia* nr. *pygidialis*													+							
POSE	0274	0724	Oweniidae	*Galathowenia spp.*													+							
POSE	0274	1000	Oweniidae	*Myriochele olgae*			+					+				+	+	+		+				
POSE	0274	1002	Oweniidae	*Myriochele* sp.								+			+	+	+				+			
POSE	0274	1003	Oweniidae	*Myriochele gracilis*													+							
POSE	0274	1160	Oweniidae	*Owenia fusiformis*		+				+	+	+	+		+	+	+	+			+	+	+	
POSE	0274	1163	Oweniidae	*Owenia* nr. *johnsoni*			+					+		+		+		+		+				+
POSE	0274	1165	Oweniidae	*Owenia* sp.						+								+						
POSE	0274	1169	Oweniidae	*Owenia collaris*															+		+			
POSE	0276	0160	Paraonidae	*Aricidea antennata*						+		+					+	+		+				
POSE	0276	0170	Paraonidae	*Aricidea catherinae*	+	+				+	+	+	+			+		+		+				+
POSE	0276	0180	Paraonidae	*Aricidea lopezi*		+	+	+		+		+	+	+	+	+	+	+		+	+		+	+
POSE	0276	0181	Paraonidae	*Aricidea* nr. *pseudoarticulata*																+				
POSE	0276	0182	Paraonidae	*Aricidea quadrilobata*								+	+		+								+	
POSE	0276	0183	Paraonidae	*Aricidea ramosa*	+						+	+			+	+	+	+		+	+		+	
POSE	0276	0184	Paraonidae	*Aricidea pacifica*								+												
POSE	0276	0185	Paraonidae	*Aricidea simplex*			+			+		+						+		+				
POSE	0276	0189	Paraonidae	*Aricidea cerruti pacifica*		+								+										
POSE	0276	0190	Paraonidae	*Aricidea* spp.						+		+	+	+		+	+	+		+				+
POSE	0276	0199	Paraonidae	*Aricidea minuta*										+									+	
POSE	0276	0276	Paraonidae	Paraonidae indet.	+					+		+	+		+			+		+	+			
POSE	0276	0605	Paraonidae	*Cirrophorus branchiatus*		+	+			+			+							+				
POSE	0276	0811	Paraonidae	*Aricidea neosuecica*	+						+	+	+		+								+	
POSE	0276	0850	Paraonidae	*Levinsenia gracilis*	+	+	+			+	+	+	+		+	+	+	+		+	+		+	+
POSE	0276	0853	Paraonidae	*Levinsenia oculata*												+		+						
POSE	0276	0855	Paraonidae	*Levinsenia* spp.												+								
POSE	0276	1179	Paraonidae	*Paradoneis* nr. *spinifera*																+				
POSE	0276	1200	Paraonidae	*Paraonella platybranchia*						+								+						
POSE	0276	1201	Paraonidae	*Paraonella* sp.								+												
POSE	0276	1202	Paraonidae	*Paraonella spinifera*																				
POSE	0276	1209	Paraonidae	*Allia nolani*											+									
POSE	0280	1240	Pectinariidae	*Pectinaria californiensis*			+		+	+		+	+	+	+	+	+	+	+	+	+		+	+
POSE	0280	1250	Pectinariidae	*Pectinaria granulata*	+				+	+	+	+		+	+	+	+	+	+	+	+	+	+	+
POSE	0280	1260	Pectinariidae	*Pectinaria moorei*									+					+						
POSE	0280	1270	Pectinariidae	*Pectinaria* sp.						+		+						+	+	+		+		

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POSE	0282	1443	Poecilochaetidae	*Poecilochaetus* nr. *johnsoni*								+												
POSE	0286	0090	Polygordiidae	*Polygordius*											+									
POSE	0298	0298	Sabellariidae	Sabellariidae indet.												+		+						
POSE	0298	0759	Sabellariidae	*Idanthyrsus ornamentatus*					+	+		+	+		+		+			+				
POSE	0298	0768	Sabellariidae	*Idanthyrsus saxicavus*								+						+			+	+		
POSE	0298	0770	Sabellariidae	*Idanthyrsus armatus*						+		+						+						
POSE	0298	0771	Sabellariidae	Idanthyrsus sp.						+		+							+					
POSE	0298	1010	Sabellariidae	*Neosabellaria cementarium*						+		+	+	+	+		+	+		+	+	+		+
POSE	0300	0083	Sabellidae	*Amphiglena pacifica*								+												
POSE	0300	0085	Sabellidae	*Amphiglena* sp.								+												
POSE	0300	0300	Sabellidae	Sabellidae indet.						+		+	+		+			+	+	+	+	+		
POSE	0300	0389	Sabellidae	*Bispira elegans*						+								+						
POSE	0300	0527	Sabellidae	*Chone albocincta*								+						+						
POSE	0300	0528	Sabellidae	*Chone aurantiaca*								+												
POSE	0300	0530	Sabellidae	*Chone duneri*					+			+			+	+		+		+	+			
POSE	0300	0533	Sabellidae	*Chone ecaudata*					+			+	+		+	+		+	+					
POSE	0300	0535	Sabellidae	*Chone magna*					+	+						+	+	+		+			+	
POSE	0300	0536	Sabellidae	*Chone minuta*					+								+							
POSE	0300	0537	Sabellidae	*Chone mollis*							+							+						
POSE	0300	0539	Sabellidae	*Chone* sp. B (SCAMIT)																+				
POSE	0300	0540	Sabellidae	*Chone* sp.						+		+	+			+	+	+	+	+	+			+
POSE	0300	0686	Sabellidae	*Demonax medius*						+		+					+	+		+				
POSE	0300	0688	Sabellidae	*Demonax rugosus*														+						
POSE	0300	0690	Sabellidae	*Demonax* sp.														+						
POSE	0300	0704	Sabellidae	*Euchone nr. analis*								+												
POSE	0300	0706	Sabellidae	*Euchone analis*								+			+	+				+				
POSE	0300	0707	Sabellidae	*Euchone incolor*					+			+	+			+	+	+		+			+	
POSE	0300	0708	Sabellidae	*Euchone arenae*								+			+	+							+	
POSE	0300	0709	Sabellidae	*Euchone* sp.			+					+					+			+				
POSE	0300	0712	Sabellidae	*Eudistylia catherinae*											+			+						
POSE	0300	0714	Sabellidae	*Eudistylia polymorpha*														+						
POSE	0300	0715	Sabellidae	*Eudistylia vancouveri*								+						+						
POSE	0300	0716	Sabellidae	*Eudistylia spp.*														+						
POSE	0300	0730	Sabellidae	*Fabricia spp.*														+						
POSE	0300	0731	Sabellidae	*Fabricia oregonica*																+				
POSE	0300	0772	Sabellidae	*Jasmineira pacifica*					+			+	+		+			+	+					
POSE	0300	0773	Sabellidae	*Jasmineira* sp. B (SCAMIT)						+		+								+				
POSE	0300	0810	Sabellidae	*Laonome kroyeri*								+				+		+	+					+
POSE	0300	0935	Sabellidae	*Manayunkia aestuarina*														+						
POSE	0300	0938	Sabellidae	*Manayunkia* sp.								+												
POSE	0300	0970	Sabellidae	*Megalomma splendida*						+		+			+	+	+	+	+	+				
POSE	0300	1005	Sabellidae	*Myxicola infundibulum*		+						+						+		+		+		
POSE	0300	1009	Sabellidae	*Myxicola aesthetica*																				+
POSE	0300	1125	Sabellidae	*Novafabricia brunnea*														+						
POSE	0300	1150	Sabellidae	*Oriopsis minuta*					+			+						+		+				
POSE	0300	1277	Sabellidae	*Potamethus* sp. A (SCAMIT)													+							
POSE	0300	1515	Sabellidae	*Potamilla intermedia*						+		+	+				+			+				+
POSE	0300	1520	Sabellidae	*Potamilla occelata*								+						+						
POSE	0300	1525	Sabellidae	*Potamilla* sp.						+		+						+		+	+			
POSE	0300	1563	Sabellidae	*Pseudopotamilla* nr. *intermedia*								+												
POSE	0300	1565	Sabellidae	*Pseudopotamilla ocellata*								+												
POSE	0300	1590	Sabellidae	*Potamilla neglecta*															+					

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POSE	0300	1650	Sabellidae	*Potamilla myriops*																				
POSE	0300	1670	Sabellidae	*Sabella crassicornis*																				
POSE	0300	1671	Sabellidae	*Sabella spp.*																+				
POSE	0300	1672	Sabellidae	*Sabella pacifica*								+			+					+				
POSE	0300	1673	Sabellidae	Sabellastarte sp.								+					+	+		+				
POSE	0300	1674	Sabellidae	Sabellinae indet.														+			+			
POSE	0300	1676	Sabellidae	Sabellidae sp. 1								+												
POSE	0300	1710	Sabellidae	*Schizobranchia insignis*														+						+
POSE	0304	0304	Scalibregmatidae	Scalibregmatidae indet.																+				
POSE	0304	0353	Scalibregmatidae	*Asclerocheilus beringianus*						+		+	+		+					+				
POSE	0304	0354	Scalibregmatidae	*Asclerocheilus* nr. *kincaidi*								+												
POSE	0304	0358	Scalibregmatidae	Asclerocheilus sp.													+							
POSE	0304	0765	Scalibregmatidae	*Hyboscolex pacificus*								+												
POSE	0304	1679	Scalibregmatidae	*Scalibregma californicum*								+				+		+		+	+			+
POSE	0304	1680	Scalibregmatidae	*Scalibregma inflatum*						+		+			+			+	+		+		+	
POSE	0304	1681	Scalibregmatidae	*Scalibregma* sp.								+												
POSE	0304	1682	Scalibregmatidae	*Scalibregma* sp. 1 (Byers)								+												
POSE	0306	0138	Serpulidae	*Apomatus* sp.																+				
POSE	0306	0306	Serpulidae	Serpulidae indet.								+						+						
POSE	0306	0670	Serpulidae	*Crucigera irregularis*						+		+			+					+				
POSE	0306	0679	Serpulidae	*Crucigera zygophora*											+									
POSE	0306	1652	Serpulidae	*Pseudochitinopoma occidentalis*								+			+			+						
POSE	0306	1900	Serpulidae	*Serpula vermicularis*																				+
POSE	0306	1901	Serpulidae	*Serpulida asperus*																				+
POSE	0306	2030	Serpulidae	*Vermiliopsis infundibulum*								+												
POSE	0310	0088	Spionidae	*Aonides glandulosa*								+			+									
POSE	0310	0310	Spionidae	Spionidae indet.				+		+		+	+		+	+	+	+	+	+				
POSE	0310	0400	Spionidae	*Boccardia pugettensis*				+		+		+		+	+			+		+	+			
POSE	0310	0402	Spionidae	*Boccardia polybranchia*							+	+						+						
POSE	0310	0405	Spionidae	*Boccardia* sp.								+												
POSE	0310	0410	Spionidae	*Boccardiella hamata*						+		+				+	+	+		+				
POSE	0310	0413	Spionidae	*Boccardiella* spp.								+				+								
POSE	0310	0455	Spionidae	Carazziella sp.						+		+												
POSE	0310	0693	Spionidae	*Dipolydora bidentata*								+						+						
POSE	0310	0694	Spionidae	*Dipolydora* cf. *bidentata*														+						
POSE	0310	0695	Spionidae	*Dipolydora* nr. *cardalia*												+								
POSE	0310	0697	Spionidae	*Dipolydora cardalia*			+	+	+	+		+		+	+	+	+	+		+	+		+	+
POSE	0310	0698	Spionidae	*Dipolydora commensalis*														+						
POSE	0310	0699	Spionidae	*Dipolydora quadrilobata*				+		+		+						+						
POSE	0310	0700	Spionidae	*Dipolydora socialis*			+	+		+	+	+	+		+	+		+	+	+	+	+	+	+
POSE	0310	0702	Spionidae	*Dipolydora* sp.			+	+	+			+				+	+	+		+	+			+
POSE	0310	0800	Spionidae	*Laonice cirrata*			+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
POSE	0310	0802	Spionidae	*Laonice pugettensis*						+		+				+	+							
POSE	0310	0805	Spionidae	*Laonice* spp.			+			+						+	+	+		+				
POSE	0310	0870	Spionidae	*Malacoceros fuliginosus*						+														
POSE	0310	0980	Spionidae	*Microspio* sp.						+														
POSE	0310	1123	Spionidae	Paraprionospio sp.														+						
POSE	0310	1220	Spionidae	*Paraprionospio pinnata*			+	+	+	+	+	+		+		+	+	+	+		+	+	+	+
POSE	0310	1470	Spionidae	*Dipolydora caulleryi*			+	+		+	+	+		+	+	+	+	+	+	+	+	+		
POSE	0310	1478	Spionidae	*Polydora californicus*														+						
POSE	0310	1480	Spionidae	*Polydora cornuta*						+		+						+	+					
POSE	0310	1490	Spionidae	*Pseudopolydora kempi japonica*				+		+		+						+	+					

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POSE	0310	1491	Spionidae	*Pseudopolydora paucibranchiata*																				
POSE	0310	1493	Spionidae	*Polydora limicola*								+						+						
POSE	0310	1495	Spionidae	*Polydora* nr. *brevipalpa*								+												
POSE	0310	1496	Spionidae	*Polydora* nr. *pygidialis*																				
POSE	0310	1500	Spionidae	*Polydora* sp.		+				+		+	+		+		+	+	+		+	+		
POSE	0310	1507	Spionidae	*Polydora* sp. Complex								+					+							
POSE	0310	1509	Spionidae	*Polydora giardi*											+									
POSE	0310	1598	Spionidae	*Polydora websteri*						+		+												+
POSE	0310	1605	Spionidae	*Prionospio jubata*			+		+			+				+	+	+		+	+	+		+
POSE	0310	1610	Spionidae	*Prionospio (Minuspio) lighti*		+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+		+
POSE	0310	1620	Spionidae	*Prionospio (Minuspio) multibranchiata*				+	+	+		+				+	+	+	+	+	+	+		
POSE	0310	1630	Spionidae	*Prionospio* spp.	+	+	+	+	+	+		+	+			+	+	+	+	+	+			
POSE	0310	1640	Spionidae	*Prionospio steenstrupi*	+	+		+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+
POSE	0310	1654	Spionidae	*Pygospio elegans*								+						+						
POSE	0310	1655	Spionidae	*Pygospio* sp.								+												
POSE	0310	1668	Spionidae	*Rhynchospio glutaea*								+			+			+	+					
POSE	0310	1690	Spionidae	*Prionospio pygmaea*	+																+			
POSE	0310	1730	Spionidae	*Scolelepis spp.*												+	+	+		+				
POSE	0310	1733	Spionidae	*Scolelepis foliosa*								+												
POSE	0310	1739	Spionidae	*Scolelepis squamata*									+		+						+			
POSE	0310	1770	Spionidae	*Spio* sp.						+		+			+			+		+				
POSE	0310	1773	Spionidae	*Spio butleri*								+			+									
POSE	0310	1775	Spionidae	*Spio cirrifera*		+		+	+	+		+			+	+	+	+	+	+	+		+	+
POSE	0310	1778	Spionidae	*Spio filicornis*								+			+			+		+	+	+		
POSE	0310	1820	Spionidae	*Spiophanes berkeleyorum*			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
POSE	0310	1830	Spionidae	*Spiophanes bombyx*								+			+			+	+		+	+		
POSE	0310	1835	Spionidae	*Spiophanes kroyeri*		+	+					+	+					+						
POSE	0310	1839	Spionidae	*Spiophanes duplex*																	+			
POSE	0310	1840	Spionidae	*Spiophanes spp.*		+						+				+		+			+			
POSE	0310	1885	Spionidae	*Streblospio* sp.																				
POSE	0310	1889	Spionidae	*Streblospio benedicti*																	+			
POSE	0311	0311	Spirorbidae	Spirorbidae indet.				+				+						+						
POSE	0311	0550	Spirorbidae	*Circeis armoricana*				+				+						+						
POSE	0311	0552	Spirorbidae	*Circeis spirillum*								+								+				
POSE	0311	0774	Spirorbidae	*Jugaria* nr. *quadrangularis*														+						
POSE	0311	1177	Spirorbidae	Paradexiospira sp.						+		+												
POSE	0311	1178	Spirorbidae	*Paradexiospira vitrea*														+						
POSE	0311	1354	Spirorbidae	*Pileolaria moerchi*								+												
POSE	0311	1355	Spirorbidae	*Pileolaria militaris*														+						
POSE	0311	1356	Spirorbidae	*Pileolaria quadrangularis*								+												
POSE	0311	1358	Spirorbidae	*Pileolaria* sp.								+												
POSE	0311	1647	Spirorbidae	*Protolaeospira eximia*				+				+						+						+
POSE	0311	1657	Spirorbidae	Protolaeospira sp.						+														
POSE	0311	1850	Spirorbidae	*Spirorbis* sp.								+												
POSE	0312	1860	Sternaspidae	*Sternaspis* nr. *fossor*		+	+	+	+	+	+	+	+		+	+	+	+	+	+	+		+	
POSE	0314	0030	Terebellidae	*Amaeana occidentalis*								+								+				
POSE	0314	0032	Terebellidae	*Amaeana* sp.								+												
POSE	0314	0076	Terebellidae	*Amphitrite cirrata*																				
POSE	0314	0077	Terebellidae	*Amphitrite robusta*	+					+		+			+		+	+		+				
POSE	0314	0078	Terebellidae	Amphitritinae indet.			+					+	+			+	+	+		+				
POSE	0314	0079	Terebellidae	*Amphitrite* sp.																				+
POSE	0314	0314	Terebellidae	Terebellidae indet.						+		+	+	+	+	+	+	+	+	+	+			
POSE	0314	0340	Terebellidae	*Artacama coniferi*			+				+	+			+	+	+	+			+		+	
POSE	0314	0343	Terebellidae	*Artacama proboscidea*												+								

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POSE	0314	0387	Terebellidae	*Betapista dekkerae*						+		+						+						
POSE	0314	0388	Terebellidae	*Betapista* sp.								+												
POSE	0314	0725	Terebellidae	*Eupolymnia* spp.														+						+
POSE	0314	0733	Terebellidae	*Eupolymnia heterobranchia*	+							+		+				+	+					+
POSE	0314	0734	Terebellidae	*Eupolymnia* nr. *heterobranchia*																+				
POSE	0314	0775	Terebellidae	*Lanassa nordenskioeldi*						+		+				+		+			+			
POSE	0314	0776	Terebellidae	*Lanassa gracilis*				+		+		+		+			+			+				+
POSE	0314	0778	Terebellidae	*Lanassa venusta*						+		+				+	+	+		+				
POSE	0314	0779	Terebellidae	*Lanassa* sp.								+				+	+	+		+	+			
POSE	0314	0780	Terebellidae	*Lanice conchilega*								+						+						
POSE	0314	0781	Terebellidae	*Lanassa* sp. D (Harris)																+				
POSE	0314	0814	Terebellidae	*Laphania boecki*						+									+					
POSE	0314	0817	Terebellidae	*Leaena* spp.														+						
POSE	0314	0858	Terebellidae	*Loimia medusa*								+												
POSE	0314	0860	Terebellidae	*Lysilla loveni*								+												
POSE	0314	0900	Terebellidae	*Glyphanostomum pallescens*									+											
POSE	0314	1013	Terebellidae	*Neoleprea japonica*								+								+				
POSE	0314	1063	Terebellidae	*Nicolea* sp.												+								+
POSE	0314	1064	Terebellidae	*Nicolea zostericola*								+			+									+
POSE	0314	1335	Terebellidae	*Phisidia sanctaemariae*								+												
POSE	0314	1370	Terebellidae	*Pista agassizi*						+		+				+	+	+		+				+
POSE	0314	1372	Terebellidae	*Pista bansei*								+				+		+		+				+
POSE	0314	1375	Terebellidae	*Pista brevibranchiata*						+		+	+		+			+			+		+	
POSE	0314	1385	Terebellidae	*Pista* nr. *brevibranchiata*								+				+								
POSE	0314	1387	Terebellidae	*Pista cristata*									+		+								+	
POSE	0314	1390	Terebellidae	*Pista elongata*						+		+			+			+		+				
POSE	0314	1391	Terebellidae	*Pista* nr. *elongata*								+												
POSE	0314	1395	Terebellidae	*Pista estevanica*								+					+				+			
POSE	0314	1400	Terebellidae	*Pista moorei*		+				+		+	+		+		+	+		+				
POSE	0314	1403	Terebellidae	*Pista pacifica*						+			+											
POSE	0314	1405	Terebellidae	*Pista percyi*														+						
POSE	0314	1410	Terebellidae	*Pista* sp.					+	+		+	+			+		+		+				+
POSE	0314	1420	Terebellidae	*Pista wui*	+		+		+			+		+		+	+	+	+	+	+	+		+
POSE	0314	1440	Terebellidae	*Polycirrus californicus*	+		+			+	+	+				+	+	+	+	+	+			
POSE	0314	1446	Terebellidae	*Polycirrus* sp. A (SCAMIT)								+					+			+				
POSE	0314	1447	Terebellidae	*Polycirrus* sp. R (Byers)				+				+												
POSE	0314	1448	Terebellidae	*Polycirrus* sp. I (Banse)								+				+		+						
POSE	0314	1449	Terebellidae	*Polycirrus* sp. S (Ruff)				+				+						+						
POSE	0314	1450	Terebellidae	*Polycirrus* spp.	+					+	+	+	+	+	+	+	+	+	+	+	+	+		+
POSE	0314	1451	Terebellidae	*Polycirrus* sp. B (Byers)								+												
POSE	0314	1452	Terebellidae	*Polycirrus* sp. F (Byers)								+												
POSE	0314	1453	Terebellidae	*Polycirrus* sp. III (Banse)								+							+	+				
POSE	0314	1454	Terebellidae	*Polycirrus* sp. II (Banse)																+				
POSE	0314	1455	Terebellidae	*Polycirrus* sp. V (Banse)																+				
POSE	0314	1456	Terebellidae	*Polycirrus sp IV (Banse 1980)*													+							
POSE	0314	1642	Terebellidae	*Proclea* sp. B (Lissner *et al.*)																+				
POSE	0314	1643	Terebellidae	*Proclea graffi*						+		+	+			+	+	+		+	+		+	
POSE	0314	1644	Terebellidae	*Proclea* spp.																+				
POSE	0314	1665	Terebellidae	*Ramex californiensis*								+												
POSE	0314	1720	Terebellidae	*Scionella japonica*						+		+	+		+			+		+				+
POSE	0314	1729	Terebellidae	*Scionella estevanica*									+		+									

Appendix 3. Continued

Group	Family Code	Species Code	Family	Taxon	Alberni Inlet	Alice Arm	Ambient SoG	Bazan Bay	Brittania	EEM	ER67	Fish Farms	Fjords	Gorge Harbour	Hecate St.	Iona	Lions Gate	Macaulay	Manley	Nanaimo Harbour	PSAMP	Saanich Peninsula	Shelf	Village Bay
POSE	0314	1767	Terebellidae	nr. *Spinosphaera* sp.														+						
POSE	0314	1876	Terebellidae	*Streblosoma bairdi*								+			+					+				
POSE	0314	1877	Terebellidae	*Streblosoma* nr. *bairdi*														+						
POSE	0314	1878	Terebellidae	*Streblosoma pacifica*								+								+				
POSE	0314	1880	Terebellidae	*Streblosoma* sp.						+		+								+				
POSE	0314	1946	Terebellidae	Thelepodinae indet.																+				
POSE	0314	1947	Terebellidae	Thelepinae indet.														+						
POSE	0314	1948	Terebellidae	*Thelepus cincinnatus*								+			+									
POSE	0314	1950	Terebellidae	*Thelepus hamatus*						+		+						+		+				
POSE	0314	1960	Terebellidae	*Thelepus setosus*								+	+					+						
POSE	0314	1970	Terebellidae	*Thelepus* sp.						+		+						+			+			
POSE	0316	0316	Trichobranchidae	Trichobranchidae indet.								+												
POSE	0316	0344	Trichobranchidae	*Artacamella hancocki*					+	+		+	+		+					+				
POSE	0316	1130	Trichobranchidae	*Novobranchus pacificus*								+												
POSE	0316	1900	Trichobranchidae	*Terebellides californica*	+		+	+		+	+	+	+	+		+	+	+	+	+	+	+		+
POSE	0316	1903	Trichobranchidae	*Terebellides horikoshii*			+	+				+				+		+			+			
POSE	0316	1905	Trichobranchidae	*Terebellides kobei*			+													+				
POSE	0316	1910	Trichobranchidae	*Terebellides reishi*			+			+	+	+				+	+	+			+			
POSE	0316	1920	Trichobranchidae	*Terebellides* sp.				+		+		+				+	+	+		+	+			
POSE	0316	1923	Trichobranchidae	*Terebellides* sp. 1												+								
POSE	0316	1924	Trichobranchidae	*Terebellides* sp. A (Steinhauer and Imamura)			+					+					+			+				
POSE	0316	1930	Trichobranchidae	*Terebellides stroemi*		+				+		+	+		+			+					+	
POSE	0316	2000	Trichobranchidae	*Trichobranchus glacialis*			+		+			+				+	+	+		+		+	+	
POSE	0316	2010	Trichobranchidae	*Trichobranchus spp.*																				
POSE	0318	1990	Trochochaetidae	*Trochochaeta multisetosa*			+		+	+		+				+	+	+	+				+	
POXX	0000	0001		Polychaeta indet.						+		+			+			+						
PRIA	1158	0040	Priapulidae	*Priapulus caudatus*								+						+						
PRIA	1158	0045	Priapulidae	*Priapulus* sp.								+												
SIPN	0000	0001		Sipuncula indet.								+	+				+	+			+			
SIPN	0000	0005		Sipuncula sp. 1												+								
SIPN	0330	0020	Golfingiidae	*Thysanocardia nigra*			+		+	+		+	+			+	+	+		+	+	+		+
SIPN	0330	0025	Golfingiidae	*Thysanocardia* sp.								+									+			
SIPN	0330	0060	Golfingiidae	*Golfingia* sp.				+				+			+			+				+		
SIPN	0330	0062	Golfingiidae	*Golfingia* nr. *margaritacea*											+		+							
SIPN	0330	0063	Golfingiidae	*Golfingia pugettensis*							+	+							+					
SIPN	0330	0065	Golfingiidae	*Golfingia vulgaris*								+	+		+			+						
SIPN	0330	0070	Golfingiidae	*Golfingia* sp. A (Macdonald)								+												
SIPN	0330	0080	Golfingiidae	*Nephasoma diaphanes*			+					+				+	+			+	+			
SIPN	0330	0085	Golfingiidae	*Nephasoma* sp.																				
SIPN	0330	0086	Golfingiidae	nr. *Nephasoma* sp.														+						
SIPN	0330	0089	Golfingiidae	*Nephasoma minutum*									+											
SIPN	0330	0120	Golfingiidae	nr. *Phascolopsis* sp.														+						
SIPN	0330	0330	Golfingiidae	Golfingiidae indet.								+					+	+						
SIPN	0332	0100	Phascolionidae	nr. *Phascolion* sp.														+						
SIPN	0334	0140	Phascolosomatidae	*Phascolosoma agassizii*							+	+						+						
SIPN	0336	0015	Sipunculidae	*Sipunculus* nr. *norvegicus*								+			+									
SIPN	0336	0040	Sipunculidae	*Siphonosoma* sp.														+						
SIPN	0336	0049	Sipunculidae	*Siphonosoma ingens*															+					
TARD	0000	0001		Tardigrada indet.														+						
URAS	0000	0001		Ascidiacea indet.			+			+		+				+		+			+			
URAS	0000	0004		Phlebobranchiata indet.								+												
URAS	0000	0005		Stolidobranchiata indet.																				
URAS	1112	0038	Cionidae	*Ciona inflata*																+				
URAS	1112	0040	Cionidae	*Ciona* sp.														+						

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URAS	1113	0007	Clavelinidae	*Archidistoma molle*								+												
URAS	1114	0014	Corellidae	*Corella inflata*								+												
URAS	1114	0015	Corellidae	*Corella willmeriana*								+				+		+		+				
URAS	1114	0016	Corellidae	*Corella* sp.								+		+				+		+				+
URAS	1114	0027	Corellidae	*Chelyosoma columbianum*						+		+			+			+						
URAS	1114	0030	Corellidae	*Chelyosoma productum*																+				
URAS	1114	0032	Corellidae	*Chelyosoma* sp.														+						
URAS	1114	1114	Corellidae	Corellidae indet.																+				
URAS	1115	0048	Didemnidae	*Didemnum albidum*										+				+		+				+
URAS	1115	0052	Didemnidae	*Diplosoma listerianum*														+						
URAS	1115	0054	Didemnidae	*Diplosoma macdonaldi*														+						
URAS	1115	0055	Didemnidae	*Diplosoma* sp.														+						
URAS	1115	0120	Didemnidae	*Tridemnum opacum*														+						
URAS	1115	1115	Didemnidae	Didemnidae indet.								+												
URAS	1116	0064	Molgulidae	*Molgula napiformis*																+				
URAS	1116	0065	Molgulidae	*Molgula* sp.								+				+	+	+		+				
URAS	1116	0066	Molgulidae	*Molgula pacifica*								+						+		+				
URAS	1116	0067	Molgulidae	*Molgula pugetiensis*								+								+				
URAS	1118	0018	Polycitoridae	*Distaplia occidentalis*										+				+		+				
URAS	1118	0020	Polycitoridae	*Distaplia smithi*								+						+						
URAS	1118	0021	Polycitoridae	*Distaplia* sp.						+		+												
URAS	1120	1120	Polyclinidae	Polyclinidae indet.																+				
URAS	1122	0022	Pyuridae	*Boltenia villosa*										+				+		+				+
URAS	1122	0023	Pyuridae	Boltenia sp.								+								+				
URAS	1122	0024	Pyuridae	*Boltenia echinata*						+		+								+				
URAS	1122	0060	Pyuridae	*Halocynthia igaboja*																+				
URAS	1122	0070	Pyuridae	*Pyura haustor*						+									+					
URAS	1122	0077	Pyuridae	*Pyura mirabilis*						+														
URAS	1122	0080	Pyuridae	*Pyura* sp.																				
URAS	1122	1122	Pyuridae	Pyuridae indet.																				
URAS	1124	0045	Styelidae	*Cnemidocarpa* sp.														+						
URAS	1124	0100	Styelidae	*Styela coriacea*														+						
URAS	1124	0102	Styelidae	*Styela* nr. *clava*								+												
URAS	1124	0103	Styelidae	*Styela gibbsii*								+								+				+
URAS	1124	0105	Styelidae	*Styela* sp.								+						+						
URAS	1124	0109	Styelidae	*Dendrodoa abbotti*															+					+
URAS	1124	0110	Styelidae	*Botrylloides violaceus*																				+
URAS	1132	0009	Ascidiidae	*Ascidia callosa*								+								+				
URAS	1132	0010	Ascidiidae	*Ascidia paratropa*																				