



Biodiversity of Benthic Protection Areas and Seamount Closure Areas: a description of available benthic invertebrate data, and a preliminary evaluation of the effectiveness of BPAs for biodiversity protection

New Zealand Aquatic Environment and Biodiversity Report No. 227.

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ISSN 1179-6480 (online)
ISBN 978-1-99-000837-5 (online)
September 2019



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EXECUTIVE SUMMARY

Clark, M.R.; Mills, S.; Leduc, D.; Anderson, O.F.; Rowden, A.A. (2019). Biodiversity of Benthic Protection Areas and Seamount Closure Areas: a description of available benthic invertebrate data, and a preliminary evaluation of the effectiveness of BPAs for biodiversity protection.

New Zealand Aquatic Environment and Biodiversity Report No. 227. 270 p.

Offshore habitat protection in the New Zealand Exclusive Economic Zone (EEZ) consists in part of large Benthic Protection Areas (BPAs), established in 2007 to protect the benthic biodiversity of offshore areas of the EEZ. However, a substantial body of existing sample data and information on benthic invertebrate species is now available to describe faunal composition within these areas and inform any future evaluation of the BPA network.

The main objective of the present study was to compile the taxonomic information available from the NIWA Invertebrate Collection (NIC), Auckland War Memorial Museum, and Museum of New Zealand Te Papa Tongarewa, to describe what is known about benthic biodiversity within BPAs and Seamount Closure Areas, in order to assess their effectiveness. This project builds on earlier work carried out by NIWA to describe their benthic invertebrate data holdings from BPAs and protected seamounts.

Two datasets have been developed: the main one is based on the BPAs, with a second based on Seamount Closure Areas (SCA). The latter are included as they were designated for similar reasons as the BPAs and are complementary to them. The focus is on benthic taxa and pelagic organisms are not included.

There have been 2381 benthic stations physically sampled within BPAs, and biological samples are registered from 1467 of these from 15 BPAs. Most sampling has been by epibenthic sled. In total there are 14 782 available faunal records, or specimen lots, from the BPAs. Summary data are given for each BPA on the number of sample stations, depth ranges, and number of biological records. In addition, the number of records by phylum is presented, as well as the numbers that have been identified to Family, Genus, or Species level. Information is provided on how many specimen lots have yet to be examined and identified by experts, as well as an estimate of samples that have been collected that have not been examined or entered into the databases.

Data on species composition from 3329 lots are presented for 17 SCAs. The same summary information described for BPAs above is presented for the SCAs.

Full taxa lists are given for each BPA and SCA, specifying the number of lots, and number of specimens available in the databases. It was beyond the scope of the study to undertake a full description of the characteristics of the species lists or undertake comparative analyses of the community structure of the BPAs or SCAs. In many cases this would require more sampling, as species accumulation curves showed that, although species composition was well described for some well sampled BPAs (e.g., Kermadec and Mid-Chatham Rise with more than 100 stations), most had curves that were increasing rapidly and the biodiversity was poorly defined.

During the course of the project, the subantarctic was identified by the Ministry for Primary Industries and the Department of Conservation as a priority for some additional identification of material to be carried out. Unprocessed samples, or specimens where the level of identification could be improved, were examined. Together with previous work done by NIWA, this revealed a relatively high number of new species and records for the New Zealand region, which highlights the fact that our knowledge is still incomplete.

Spatial management planning software was used to undertake a preliminary assessment of the efficacy of BPAs in protecting benthic biodiversity from the effects of bottom trawling. Existing data on the distribution of selected benthic species derived from habitat suitability modelling were used at two spatial scales: EEZ-wide and regional (Chatham Rise-Challenger Plateau). Additional “biodiversity value” data that were considered in the analyses included endemism, localised distribution, singleton records, environmental classification class, and the location of seamounts, hydrothermal vents, and seeps. The analysis was run for two depth ranges, and was not intended as a comprehensive evaluation, but rather to illustrate how the approach could be used and how data refinement and software options could be developed in further consultation with stakeholders.

A direct comparison was made between species composition inside and outside BPAs for the Chatham Rise between depths of 100 and 1000 m. The Mid-Chatham Rise and East Chatham Rise BPAs together have 27% of the known benthic invertebrate species from the Rise. This varies by taxa, but most epibenthic phyla have 20–30% of taxa represented inside the BPAs.

This report is a first attempt to summarise information on benthic invertebrate biodiversity inside BPAs and SCAs. A number of qualifications about the data are discussed, and suggestions made for future studies and sampling that would support a more robust assessment of the value of these areas to protect representative and/or vulnerable fauna.

1. INTRODUCTION

New Zealand has a very large EEZ (over 4 million km²) that extends over about 30° of both latitude and longitude. The oceanography and topography are extremely diverse, and form a complex network of marine environments hosting high biodiversity (e.g., Thompson 1991, Gordon et al. 2010). Many of these environments are vulnerable to disturbance by trawl fisheries, which have occurred over an area of about 25% of the EEZ down to a depth of 1600 m (Baird & Wood 2018), and hence there have been measures taken in recent years to protect various habitats from adverse impacts of bottom trawling.

In 2001, as part of a draft New Zealand Seamount Strategy (Brodie & Clark 2003), 19 seamounts (using the term here to include seamounts, knolls and hills) were closed to bottom trawling and dredging (Figure 1). The key driver of these Seamount Closure Areas (SCAs) was to capture a representative sample of the range of biodiversity and habitats on seamounts, based on evaluation of criteria of representativeness, comprehensiveness, ecological importance and uniqueness, productivity, vulnerability to human-induced change, and naturalness. The protected seamounts spanned a wide geographical and depth range, a relatively large area (about 80 000 km²), and all but one were unfished.

In 2007, an initiative developed by the fishing industry led to the establishment of Benthic Protection Areas (BPAs), comprising 17 areas and a total of over 1 million km² (Helson et al. 2010) (Figure 1). Four key criteria were used in their selection: size (the need to be large), fishing status (most were relatively unfished), compliance (having simple boundaries), and representative of the marine environment (based on the 20-class level Marine Environment Classification (MEC)) (Snelder et al. 2006). The MEC was derived from physical variables, with limited biological data, but at the time was the best ecological classification available.

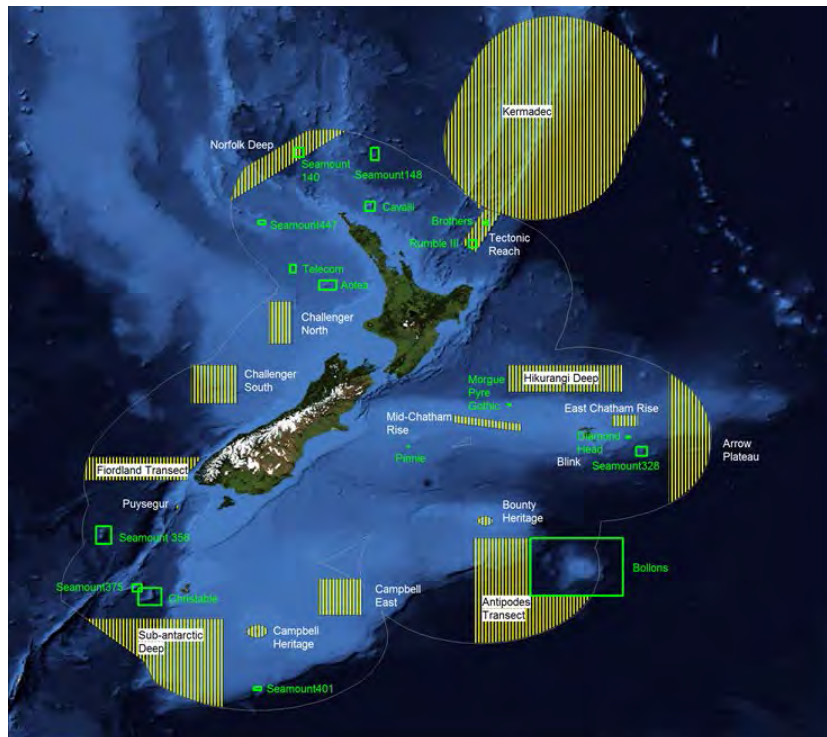


Figure 1: Map of the distribution of 2001 SCAs (green polygons) and 2007 BPAs (yellow stripes).

The BPAs were a considerable advance over the previous level of offshore habitat and biodiversity protection. However, no inventory was completed of the species and faunal communities present in the proposed BPAs, in order to understand the biodiversity that was being protected. Various posters and web sites promoting the BPA concept showed images of fauna known to occur in the BPAs or equivalent habitat types, but there was no comprehensive description of biodiversity. Without documenting which fauna are present, in a systematic and robust way, and making use of all available information, it is difficult to assess how effective the BPAs are in protecting biodiversity.

The project presented here was initiated by MPI to advance understanding of the efficacy of the BPAs, and their role in supporting the developing MPA legislation. It builds on an exploratory study (Clark et al. 2014) to identify the faunal samples and data from the BPAs and SCAs that were held in the NIWA Invertebrate Collection. The exploratory study produced an inventory of samples that were available, as well as information on material that had been processed and identified, and material that had not been examined. Hence it provided a foundation for evaluating the extent of existing information available to describe the biodiversity within each BPA and identifying where useful gains could be made by examining more material.

The update under the current project was further supplemented in 2016 with an additional taxonomic effort on the Campbell Island region samples to improve understanding about species diversity and representation within DOC-protected areas, and informing a review of the Campbell Island Marine Reserve to be initiated by DOC and MPI in 2017. This work on Campbell Island region biodiversity was reported by Clark & Mills (2017) but is incorporated here as part of a more comprehensive description of the current state of knowledge of biodiversity in the BPAs and SCAs.

1.1 Objectives:

Overall Research Objective:

1. To determine the efficacy of the BPAs in protecting seabed biodiversity from fishing and other activities.

Specific objectives

1. To update the inventory of benthic samples and biodiversity data available within BPA and SCAs
2. To process and identify undescribed samples and material in selected BPAs and for selected taxonomic groups
3. To undertake an objective spatial management planning exercise to assess the effectiveness of the current BPAs to protect biodiversity

As part of Objective 2, additional work funded by DOC was undertaken to:

4. Process and identify taxonomic samples from Campbell Heritage and Campbell East BPAs, including the existing Campbell Island Marine Reserve.

An original objective to identify gaps in sample coverage, evaluate priority areas and design a sampling programme to collect appropriate data was not carried out following discussions with MPI about priority tasks within the project.

1.2 Report structure

The project falls into two key sections.

Biodiversity Inventory. The first part of the project has focussed on collation of data to complete an inventory of samples and data within the BPAs and SCAs (Objective 1), identify and work up a selection of undescribed samples (Objective 2), and then describe the faunal composition of the protected areas. This is the major part of the report, which is structured under the broad heading of “Biodiversity”. Part of the process of fulfilling Objectives 1 and 2 meant that gaps are identified in sample coverage. The discussions between MPI, DOC and NIWA which led to examination of Campbell and some southern BPA samples is covered in the description of biodiversity under Objectives 1 and 2. Design of a sampling programme was not carried out, partly because of decisions agreed between the funding agencies and NIWA to focus resources on existing material, but also because it was felt unlikely that any dedicated sampling programme would be feasible in the short-medium term. It also overlapped to an extent with work completed for MPI under a separate project looking at design of a monitoring programme for deep-sea benthic communities (Bowden et al. 2015).

With regard to BPAs and SCAs, it is clear that some BPAs and SCAs have never or rarely been sampled. Blink and Puysegur BPAs, and SCAs 140, 358, 401 and 671 have no specimens recorded in the dataset, and several others have records of a very small numbers of stations (BPAs Arrow Plateau, Challenger South, Norfolk Deep, Fiordland and Subantarctic Deep; SCAs Telecom, 328, 375 and 447). These locations should be kept in mind during research surveys that might pass near by, if small deviations can be made to allow opportunistic sampling (such as was done on Bollons Seamount during a geological survey). Some funding would be required to allow time for such opportunistic sampling.

There are several approaches and methods for sampling benthic invertebrates. We refer to a recent report by Bowden et al. (2015) that addressed ways of monitoring deep-sea benthic communities around New Zealand. Camera surveys were deemed appropriate for mega-epifauna, although direct sampling is still required to verify species identification (especially in remote or deep BPAs), and smaller epifauna and infauna are not assessed.

Effectiveness of BPAs. The second major part of the report centres on data and analyses to evaluate the effectiveness of the current BPAs (Objective 3). This is under the heading of “Effectiveness of Protection”. It is not intended as a comprehensive evaluation, but presents an example of an approach and methodology that could inform an evaluation of BPAs against agreed objectives, and potentially structure further iterations of the assessment methodology. Any application of this methodology would require considerable stakeholder discussion and input, and hence the findings of Objective 3 should be viewed as an example only.

2. METHODS

2.1 Biodiversity

Data sources

Data for the study were extracted in late 2015 from NIWA databases “*AllSeaBio*” and “*niwainvert*”, as well as Museum of New Zealand Te Papa Tongarewa (Te Papa) and Auckland Museum databases. All records of invertebrates from inside the New Zealand Exclusive Economic Zone (EEZ) were obtained, and then selected based on the boundaries of the SCAs and BPAs as specified in the Fisheries Gazette notices. Duplicate records (i.e., taxa recorded more than once at a station) were removed prior to analysis. The number of records within the EEZ and within BPAs and SCAs, are summarised by collection source in Table 1.

Table 1: Summary of data extracted from NIWA, Auckland Museum, and Te Papa invertebrate databases.

Collection	No of invertebrate records within EEZ	No. of records inside BPAs	No. of records inside SCAs
NIWA Invertebrate Collection:			
<i>niwainvert</i> database	87 027	7 547	3 379
<i>AllSeaBio</i> database	86 819	5 846	116
Auckland Museum	7 836	159	1
Te Papa	82 705	4 114	516

Each record corresponds to a single specimen lot. A specimen lot is a biological sample registered in the database, and may comprise one or more individuals, usually of a single species, obtained from a single station (which is a single gear deployment). In some cases, however, where specimen lots have not been taxonomically identified in the field, they may include more than one species. This is most common for small taxa, such as annelids, which are difficult to differentiate in the field without a microscope.

Gear types that target pelagic organisms were not included (e.g., plankton net, bongo net, mid water trawl) in order to avoid confounding the benthic focus of the data. Pelagic taxa obtained by the benthic gear methods were also excluded (i.e., maxillopod copepods; a number of families of Amphipoda- Brachyscelidae, Hyperiididae, Lycaeidae, Phronimididae, Phrosinidae, Vibiliidae; all Thaliacea (salps), all Chaetognaths (arrow worms), and euphausiids). Some cephalopod taxa (squids) that are pelagic may remain, as many species tend to be benthopelagic and where they were caught is uncertain.

There have been over 2000 benthic sampling events within BPAs and SCAs, although not all have recorded invertebrates (primarily fish trawls). Records from trawl catches (e.g., research trawl and observer programme data) have been included where the identifications have been verified and included in *niwainvert*.

Unprocessed material

In order to obtain an indication of the potential number of samples that may have been collected but not identified, processed, or entered into the NIWA databases, we calculated the number of NIWA benthic stations where there was catch but for which there were no registered lots. This calculation was carried out by subtracting the number of stations which corresponded to registered lots, from the total number of NIWA stations (from the *CruiseDB* database) where gear was deployed that could possibly have returned a benthic biological sample. Results ranged from zero (Fiordland Transect) to 606 (Mid Chatham Rise) (Figure 2). These results were used to inform discussions during the project about areas where further examination of material could be possible.

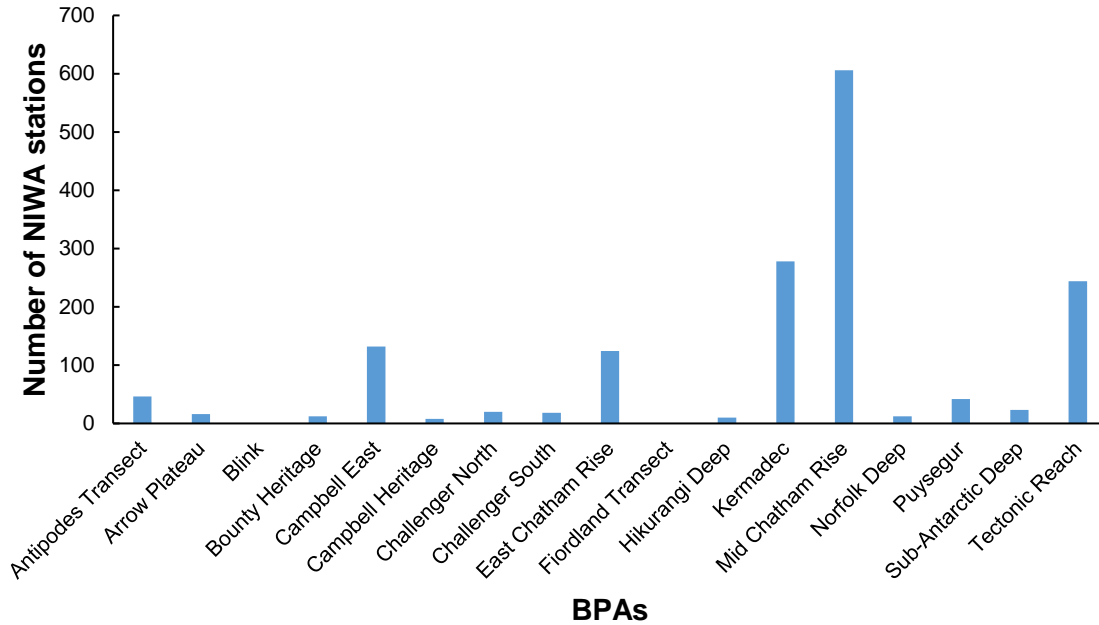


Figure 2: Number of NIWA stations without registered lots in the *niwainvert* and *AllSeaBio* databases.

The same assessment was undertaken for SCAs. The number of NIWA stations without registered specimen lots from seamounts ranged from zero (Seamount 148, 358, 401, 447, and Telecom Knoll) to 75 (Morgue) (Figure 3). Brothers and Rumble III also contained relatively high numbers of stations with no registered lots (61 and 55 stations, respectively).

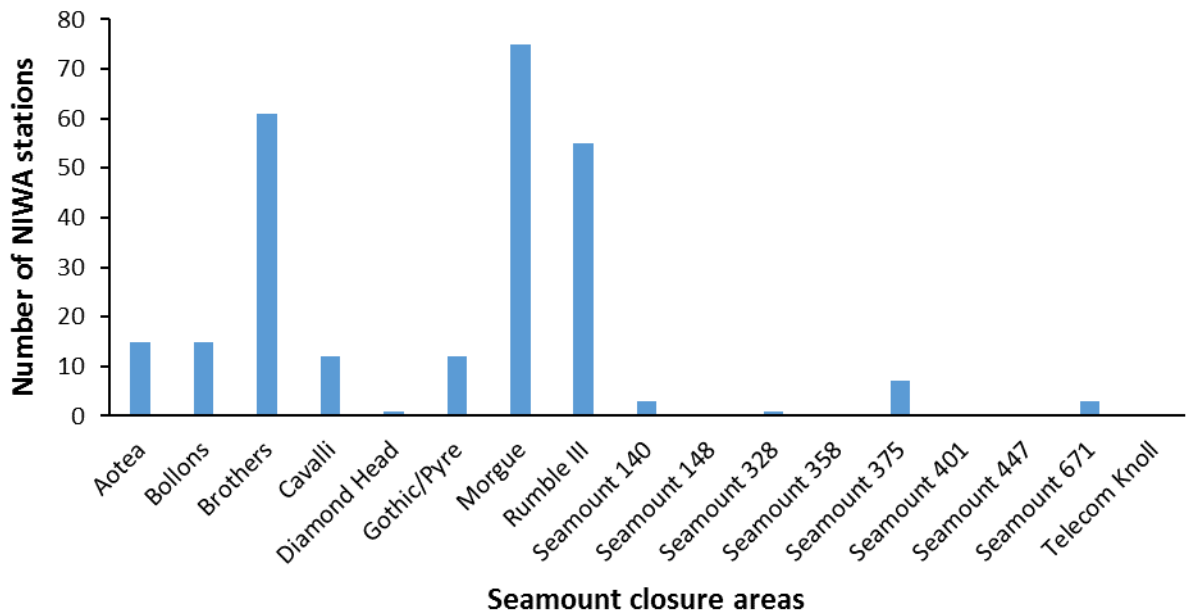


Figure 3: Number of NIWA stations without registered lots in the SCAs.

New Campbell Island region BPA data

New data were obtained by examining existing specimens which had only been identified to a high taxonomic level, as well as finding and working up unregistered samples.

A summary of stations where samples may have been taken, and samples in the existing collections which had not been processed, is given below in Table 2. In addition to this material, improvements in the level of identification for some taxa was possible.

Table 2: Summary of available station and sample information for subantarctic BPAs.

BPA Name	Total no. of stations in BPA (NIWA data)	No of Stations without lots	Total no of unidentified samples in NIWA database
Campbell East	144	131	5
Campbell Heritage	48	6	10
Antipodes Transect	138	45	78
Bounty Heritage	51	11	18
Puysegur	42	42	0
Total	423	235	111

For benthic stations with no reported samples, the likelihood of unreported specimens was determined in two ways.

-If there were bottom trawl stations from fisheries research surveys, the NIWA database “trawl” was interrogated to determine if invertebrate taxa were recorded.

-If stations were from biodiversity surveys, with epibenthic sleds or Agassiz trawls, voyage reports or sample logbooks were examined.

This process was followed by attempts to locate archived material in the NIWA Invertebrate Collection, for subsequent identification.

Specimen identification

New identifications were made for specimens of the following groups from several subantarctic BPAs. The list largely reflects specialist availability within NIWA, or in other New Zealand institutions:

- Bryozoa
- Ascidiacea and Thaliacea
- Echinodermata
- Hydrozoa
- Decapoda
- Mollusca (Gastropoda & Bivalvia)
- Mollusca (Octopoda)
- Polychaeta
- Porifera
- Pericarid crustaceans (amphipods & isopods)

2.2 Effectiveness of BPAs

In order to compare biodiversity within BPAs with areas outside protection, there were three datasets considered, given the objectives, and the geographical (spatial) scale of available data:

- EEZ-wide species distribution (also called habitat suitability) modelled data: Because actual specimen data are limited across the full geographical and depth range of the EEZ, and hence would be too patchy to describe adequately the likely true patterns over the whole area, we used the predicted distributions of potentially vulnerable taxa estimated from environmental parameters for the broad New Zealand area (after Anderson et al. 2016, for “Vulnerable Marine Ecosystem (VME) indicator taxa” based on FAO criteria identified by Parker et al. (2009)).
- Region-level species distribution data: distributional patterns of over 50 species from the Challenger Plateau and Chatham Rise. These were based, for the same reasons as above, on modelled distributions of taxa undertaken for the Chatham-Challenger Ocean Survey 2020 programme (Bowden 2011, Compton et al. 2013).
- Feature-specific data: The Chatham Rise has been relatively well sampled and was regarded as one of very few areas around New Zealand where actual specimen records could be sufficiently dense over enough area and depth range to use species lists to compare inside and outside BPAs.

The spatial extents of these three datasets are shown in Figure 4.

The first two datasets were analysed using spatial management planning software (Zonation) while the third was analysed by comparison of species lists.

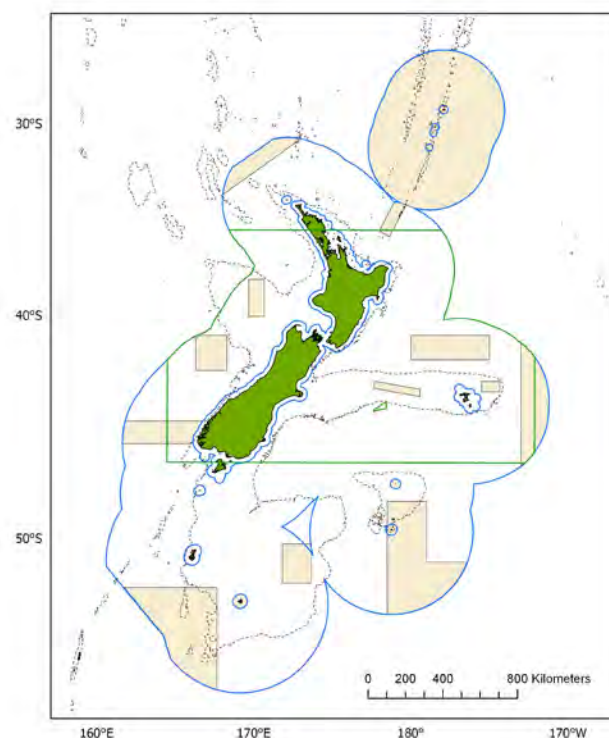


Figure 4: The New Zealand region, showing the extent of the EEZ-wide area (between the blue EEZ line offshore and inner Territorial Sea line near the coast), the region level Chatham Rise-Challenger Plateau (between the green lines near the top of the North Island and south of the South Island), and the Chatham Rise (inside the 1000 m depth contour which is plotted). The BPAs are shaded in.

Zonation analysis

There are a number of computer-based numerical tools that can be used to inform spatial management options for selecting areas to meet certain management objectives. The freely available software Zonation (Moilanen 2007) was selected for this study because it has already been used extensively in New Zealand (e.g., Leathwick et al. 2008a, Leathwick et al. 2008b, Smith 2008, Leathwick et al. 2012b Rowden et al. 2015, Geange et al, 2017) Zonation also offers flexibility in analysing the kinds of data we were required to explore in this study.

Zonation uses a reverse stepwise heuristic algorithm to identify solutions that balance conservation objectives with resource use, incorporating representation of different species and habitats, and connectivity between protected areas (Moilanen 2007). Zonation produces a hierarchical prioritisation of the “landscape” based on the conservation value (as defined by the user) of the site, iteratively removing the least valuable cell from the landscape until no cells remain. Zonation does not require the specification of target representation levels, minimum site sizes or minimum numbers of areas or replicates. Model variations also include the ability to weight species, define particular areas to be excluded or included, or allow aggregation of cells.

Two separate Zonation analyses were undertaken, comprising different areas (EEZ-wide and Chatham-Challenger region) and different sets of species distribution layers. In addition, an alternative version of each analysis was assessed in which the area was limited to the depth range of the primary biodiversity input layers (between 200 and 3000 m). Restricting the area of BPAs to this depth band means that solution performance is not influenced by areas with no species distribution information; however, this depth restriction excludes parts of some BPAs and therefore the solution is incomplete. Results of both sets of analyses are presented for comparison.

EEZ-wide region

Analysis area

This analysis was limited to the EEZ lying outside the 12 nautical mile Territorial Sea, and including all BPAs (the Territorial Sea includes existing BPAs around Bounty, Antipodes, Campbell, and Kermadec Islands) and all seafloor depths. The alternative analysis excluded areas outside the depth range of 200–3000 m (the range covered by the modelled species distributions) and therefore also regions of the BPAs outside this range.

Biodiversity input layers (see Appendix A)

A number of data layers that describe components of biodiversity potentially useful for assessing the efficacy of the BPAs were included in the analysis:

- Habitat suitability layers for the potentially vulnerable taxa over the New Zealand EEZ between depths of 200 and 3000 m from Anderson et al. (2016). The model estimated the probability of each of the following taxa being present (standardised to range from 0–1).
 - Antipatharia
 - Hydrocorals
 - Madrepora oculata*
 - Solenosmilia variabilis*
 - Enallopsammia rostrata*
 - Goniocorella dumosa*
 - Hexactinellid sponges
 - Demospongiid sponges
 - Pennatulacea

- The following additional habitat-associated species were included: Brisingid starfish, Crinoids (both with zero weighting, to avoid any influence in the model but to allow assessment of the level of protection afforded by model solutions)

These taxa were identified as potential indicators of VMEs for the area outside the EEZ under the jurisdiction of the South Pacific Regional Fisheries Management Organization (SPRFMO) (Parker et al. 2009).

- Layers indicating the precision (CV) of all Habitat Suitability layers from Anderson et al. (2016) capped at 1.0 following Rowden et al (2019).
- Distributions of threatened species, based on species lists in Freeman et al. (2013). The NIWA Invertebrate Collection database *niwainvert* was searched for the distribution of records of these species, and presence/absence was recorded for each 1 km² sized cell (binary assignment, either present or absent). From *Specify*, there were 132 records of the 8 relevant taxa, of which 54 were within the EEZ analysis area. Categories included:
 - Nationally vulnerable
 - Nationally endangered
 - Nationally critical

Species	Threat category	NIWA records
<i>Bathymodiolus tangaroa</i>	Nationally critical	3
<i>Calvetia osheai</i>	Nationally vulnerable	30
<i>Chathamisis bayeri</i>	Nationally vulnerable	8
<i>Gigantidas tangaroa</i>	Nationally critical	8
<i>Idioibla idiotica</i>	Nationally critical	2
<i>Paragorgia alisonae</i>	Nationally vulnerable	22
<i>Spio aequalis</i>	Nationally endangered	13
<i>Spiritopora perplexa</i>	Nationally vulnerable	46

- Seamounts. The presence or absence of seamount features (which covers seamounts, knolls, and pinnacles/hills) in a cell was based on positions in the NIWA database of seamounts (modified from Rowden et al. 2008).
- Hydrothermal vents. Location of hydrothermal vents was derived from the *InterRidge* db [<https://vents-data.interridge.org/>] and recorded as presence or absence in a cell.
- Seeps. The presence/absence of cold methane seeps around New Zealand was based on data in Greinert et al. (2010)
- Benthic Optimised Marine Environment Classification (BOMECE) classes were used to define environmental habitat classes (Leathwick et al. 2012a). Of the various levels of BOMECE classes, the 15-class level was used, with each class entered as a separate layer.
- Singleton species records. Where a single record of a species from the New Zealand region is held in the NIWA *niwainvert* database, a layer incorporating all such taxa is included to represent this rarity. Some cells contained more than 1 singleton (up to a max of 21) therefore the layer was normalised so that values ranged from 0–1.
- Endemic species. Lists of species known to be endemic to the New Zealand region were derived from the Species 2000 compilation, published as a series of volumes (Gordon 2009–2012). Records were extracted from the *niwainvert* database for all endemic species. The counts of numbers of endemic species per cell were normalised to have a range 0–1.
- Species with restricted distributions. Localised species could be more vulnerable to impact from human activities, and so this was considered to be a useful metric for management. This layer was based on species records in the *niwainvert* database, with a neighbourhood analysis performed within Arc GIS with a 20 km range chosen to define “restricted”. This distance was based on examining species distributions where there were five or more records in the database (so the analysis was not driven by singletons) and where distance separation between records was 500 km or less. The

mean of these was calculated (170 km) and 20 km was chosen as being the lower one standard deviation of the mean to represent a meaningful “restricted” distribution. The number of species in a cell with such a distribution was normalised.

Condition layer

In Zonation, condition is an optional input data layer which represents information about local habitat deterioration and its influence on biodiversity features. Values of landscape condition can vary between 0 (all local conservation value in the cell has been lost) to 1 (all habitat remains in a pristine condition). For the purposes of this exercise, bottom trawl and bottom longline fishing footprints were used to assign landscape values.

Condition was formulated as a combination of seabed contact from bottom trawling (Baird et al. 2011, Baird & Wood 2018) and bottom longlining (fraction of cell area impacted, capped at 1). Bottom longline impact was calculated from start positions only and assumed an arbitrary 100×150 m impact area around the start position. These longline data were weighted so as to have 1/300 of the impact of bottom trawls. This latter correction was derived from estimates of the relative removal rates of branched cold-water corals (similar to common stony and octocoral species common in New Zealand waters) in bottom longlines and bottom trawls by Pham et al. (2014). The metric used here is simply footprint area, and no adjustment is made for different relative impacts within the total footprint (e.g., caused by trawl door gouges, sweep/bridle area, ground gear with bobbins).

Zonation settings

The data layers described above were all analysed in Zonation runs. However, there are a number of options within the software for the settings of various parameters. Given that these analyses are only intended as illustrative examples of the approach, we chose to adopt some of the settings agreed at a series of workshops hosted by MPI to evaluate the use of Zonation in the SPRFMO area (Cryer et al. 2017).

- Base run
 - Warp = 100 – (i.e. 100 cells removed at each step)
 - Core area zonation. Cell removal prioritisation selects the cell with the smallest occurrence for the most valuable feature across all features in the cell. Additive benefit function was used as the cell removal rule, which takes into account all biodiversity features within a location and gives more weight to locations with greater numbers of biodiversity features, maximizing average performance over all biodiversity features.
 - Condition layer included.
 - Boundary Length Penalty (BLP) – This parameter penalises the boundary length of the potential reserve network to encourage aggregation of network solutions and minimise fragmentation of potential reserve areas. The BLP was set to 0.2, with the sensitivity to this parameter assessed by testing with values of 0.1 and 0.5.
 - Edge removal on – Cells at the edge of the remaining landscape are removed preferentially, reducing computation time and generally helping to increase the connectivity of high quality habitat.
 - Uncertainty layer weights set to a low value of 0.1 as not all aspects of uncertainty in the species distribution/habitat suitability models are represented by the model precision data layers.
 - Biodiversity feature weights all set to 1.0 except for crinoids and brisingid sea stars (set to 0 to focus the analysis on the main vulnerable taxa rather than associated “indicator” taxa, but included in the model in order to assess potential protection levels), and BOMECA areas (down-weighted to 0.7 to give more emphasis to species (rather than environmental layers).

- Analysis mask incorporated to include only the EEZ (and areas of BPAs inside territorial waters).

- BPA run

Removal mask layer (BPA areas) included. This means BPAs were automatically selected as priority protected areas.

Alternative runs were then made for both the Base and BPA runs, whereby the analysis mask was adjusted to exclude areas outside the depth range of 200 to 3000 m.

Chatham-Challenger region

Analysis area

This regional-scale analysis area was limited to the EEZ and within a rectangle encompassing the area of predicted habitat suitability models based on the results of two biodiversity surveys on the Chatham Rise and Challenger Plateau (see Figure 4).

Biodiversity input layers (see Appendix B)

In total, 11 data types were included in the analysis to describe components of biodiversity “value”.

- Habitat suitability/species distribution layers from Compton et al. (2013). This analysis covered a depth range from 0 to 1850 m. There were 54 layers comprising individual species and higher taxonomic/morphological groupings. As with the EEZ analysis, the probability of presence was used, ranging from 0 to 1. The full taxa included are listed below:

Amphiura lanceolata
 Anemone sp. 2
 Anemone sp. 3
 Anemone sp. 5
 Anemone sp. 7
Anthomastus
 Bryozoan bushy
 Buccinidae
Campylonotus rathbunae
Carcinoplax victoriensis
 Cidaridae
Corallimorpharia sp.1
 Crab
Enypniastes eximia
Flabellum sp. 3
 Galatheidae
Geodia regi
Goniocidaris
Gracilechinus multidentatus
Hyalinoecia longibrachiata
Hyalonema
 Hydroida
Kinbergonuphis proalopus
 Laetmogonidae
Maldane theodori
Metanephrops challengerii
Munida gracilis
Nassarius ephamillus
Nematocarcinus

Neoaulaxinia persicum
Ophiomusium lymani
 Ophiurida
 Ophiuroid
 Opisthobranch
 Pagurid
 Penion
Pennatulacea sp. 1
Pennatulacea sp. 5
Phormosoma bursarium
Pseudostichopus
Psilaster acuminatus
Pycnoplax victoriensis
Radicipes
 Ranellidae
 Scaphapoda
 Serolidae
 Shrimp
 Solasteridae
 Spatangidae
Sympagurus dimorphus
Taiaroa tuahou
 Volutidae
Ypsilothuria bidentaculata
 Zoanthidae

- Threatened species, as for the EEZ-wide analysis description. There were only 28 records of threatened species in the region.
- Seamounts (including knolls and hills), presence/absence as for the EEZ-wide analysis (Rowden et al. 2008).
- Vents, presence/absence, as for the EEZ-wide analysis. From *InterRidge* db [<https://vents-data.interridge.org/>]
- Seeps, presence/absence, as for the EEZ-wide analysis (Greinert et al. 2010)
- BOMECS classes: as described above. There were 12 out of the 15 classes represented in the area. A separate layer was derived for each class (Leathwick et al. 2012a).
- Chatham-Challenger “Biotic Habitats”. As part of a previous MPI project (ZBD200701) 13 biotic habitats were defined for the region (Hewitt et al. 2011a). A separate layer was used to describe the presence/absence of each habitat in each cell.
- Singleton species (species in the *niwainvert* database with only one record for the New Zealand region). Some cells contained more than 1 singleton (up to 16) and therefore the layer was normalised so that values ranged from 0–1.
- Endemic species. This was based on records from *niwainvert* for all species listed as endemic in the Species 2000 project (see above). Cell counts were normalised to range from 0 to 1.
- Species with restricted distributions. This was based on a neighbourhood analysis with a 20 km range (normalised).
- Species richness. Hewitt et al. (2011b) derived several biodiversity metrics for the benthic data obtained during the Chatham-Challenger project. These included the Shannon-Wiener index which is commonly used to describe biodiversity as it accounts for both abundance and evenness of the species present.

As for the EEZ layer inputs, data were amalgamated at a 1 km² cell size.

Condition layer

This data layer represents the likely level of degradation of a cell from human impact.

- A combination of bottom trawling and bottom longlining footprint data layers were input (formulated and weighted as described above for the EEZ-wide analysis).

Zonation settings (see EEZ-wide settings for more details)

- Base run
 - Warp = 100
 - Core area zonation
 - Boundary Length Penalty (BLP) set to 0.2
 - Edge removal on.
 - Biodiversity feature weights all set to 1.0 except BOMEK and Biotic Habitat areas down-weighted to 0.7 to give more emphasis to species layers
 - Analysis mask incorporated to exclude areas outside the Chatham-Challenger region of the EEZ, and also any region of the Territorial Sea outside of existing BPAs.
- BPA run
 - Removal mask layer (BPA areas) included. This means BPAs were automatically selected as priority protected areas.

As in the EEZ-wide analyses, alternative runs were then made for both the Base and BPA runs, whereby the analysis mask was adjusted to exclude areas beyond the depth range of the modelled species distributions (in this case 0–1850 m).

Species comparison (Chatham Rise)

Variability in the density of samples over much of the New Zealand region limits our ability to compare species lists directly. Hence the EEZ-wide region and Chatham-Challenger data sets were based on species distribution modelling. However, the Chatham Rise is one of the most extensively sampled topographic features in the EEZ, and hence is an appropriate area to compare inside and outside BPAs using species level data directly.

Benthic species data were extracted from the NIWA, Te Papa and Auckland Museum combined dataset. Taxonomic inconsistencies with identification or nomenclature between data from different databases and sources were reconciled with the most up-to-date information as much as possible.

The area covered by the extract was between 42°36' and 45°S, and 173°30'E and 174°W, and for the depth range of 100 to 1000 m which is comparable to the depths covered by the East Chatham Rise and Mid-Chatham Rise BPAs (see Figure 4). There are no data from the Blink BPA, and so this BPA was excluded from the comparison.

3. RESULTS

3.1 Biodiversity

Benthic Protection Area data summary

Data on benthic invertebrate species were available from 15 of the 17 BPAs, and in total there were 14 782 specimen lots (Table 3). Note that there are no registered specimen lots for the Blink or Puysegur BPAs.

Collection method was specified for 40% of the specimen lots identified (5870). Thirty five collection methods were specified in total, the most common being epibenthic sled (50% of total), followed by rock dredge (13%), Agassiz trawl (7%), beam trawl (5%), and dredge with cone mesh (5%). All other gear types individually comprised no more than 3% of the total.

The water depths sampled varied widely between BPAs, but the greatest range was in the Kermadec BPA where stations ranged from shallow seamount summits and the coastal slopes of the islands inside the Marine Reserves to the bottom of the Kermadec Trench.

Table 3: Summary of sampling stations within BPAs. Note there were no records for the Blink and Puysegur BPAs.

BPA	Minimum depth sampled (m)	Maximum depth sampled (m)	Number of stations sampled	Area km ² /single station	Number of collection methods	Most common collection method(s) used
Campbell East	488	679	21	1 075	2	Agassiz trawl, bottom fish trawl
Hikurangi Deep	1 219	1 377	5	10 798	2	Epibenthic sled, epibenthic sledge
East Chatham Rise	465	922	19	276	3	Epibenthic sled, bottom fish trawl
Challenger North	634	852	18	977	3	Beam trawl, epibenthic sled, Menzies trawl
Bounty Heritage	0	631	54	33	6	Dredge (cone mesh), SCUBA diver, rock dredge
Campbell Heritage	0	210	53	57	3	Shore collection, dredge (cone mesh with bag), SCUBA diver
Tectonic Reach	196	3378	281	49	11	Epibenthic sled, epibenthic sledge, beam trawl, rock dredge
Kermadec	0	10005	579	1070	18	Epibenthic sled, Rock dredge, Agassiz trawl (medium)
Subantarctic Deep	930	2370	6	16341	1	Bottom fish trawl
Antipodes Transect	0	2648	118	932	8	Dredge (cone mesh), rock dredge, epibenthic sled
Fiordland transect	514	1800	6	6761	2	Rock dredge, Agassiz trawl
Arrow Plateau	1000	1505	3	21559	2	Otter trawl, bottom trawl
Norfolk Deep	486	3220	6	7386	1	Rock dredge
Challenger South	1463	3253	4	7638	1	Epibenthic sled
Mid Chatham Rise	183	549	294	30	16	Beam trawl, Agassiz trawl, epibenthic sled

The geographical distribution of sampling effort has been very uneven among the BPAs. Most sampling has taken place within the Kermadec, Mid Chatham Rise, and Tectonic Reach BPAs,

with 39, 20 and 19% respectively of the 1470 stations. The Bounty Heritage, Campbell Heritage, and Antipodes Transect BPAs each comprised between 4 and 8% of stations, and the remaining BPAs were represented by no more than 1% of stations.

At a high taxonomic level, 17 phyla were represented in sample lots from the BPAs. Most common were Mollusca (29.1% of the total number of lots), followed by Echinodermata (17.7%), Arthropoda (14.8%), Cnidaria (13.6%), Bryozoa (10.2%), Annelida (6.0%), Brachiopoda (3.4%), and Porifera (4.0%) (Figure 5). The remaining nine phyla comprised only 1.3% of the total.

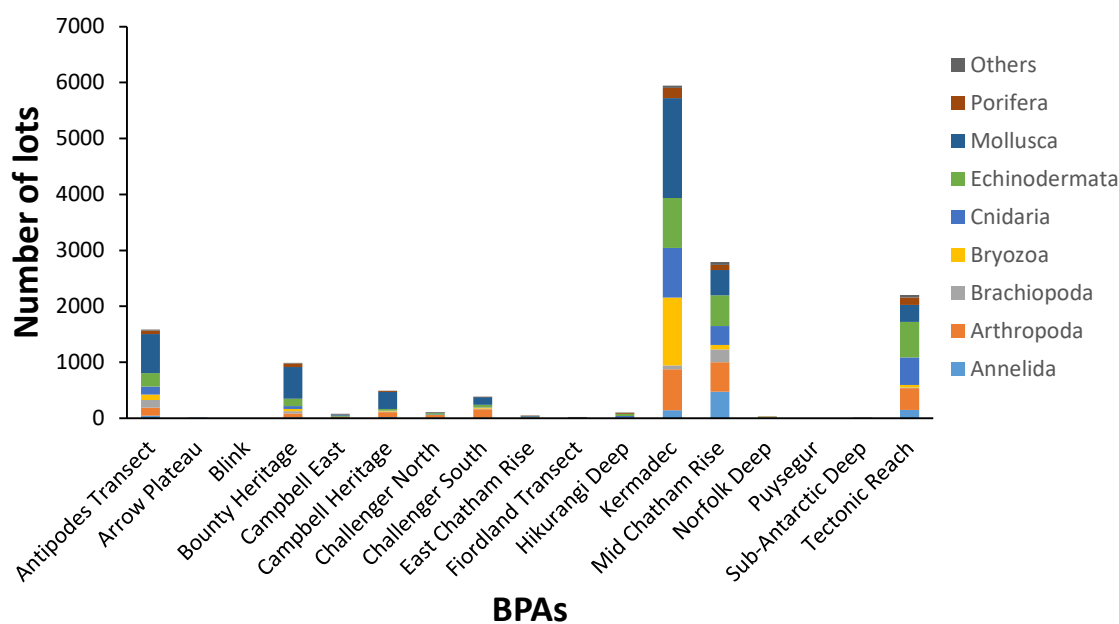


Figure 5. Number of lots by phylum from BPAs.

A total of 2294 species, 1856 genera and 792 families have been identified from BPAs (Figure 6). The majority identified to species level are from the Kermadec BPA (1341 species), with high numbers of species also recorded in the Mid Chatham Rise (424), Tectonic Reach (336), and Antipodes Transect (318) BPAs. Most areas, however, have a number of samples which have been identified to family or genera, but not further to species.

The level of identification was important for Objective 2, to evaluate priority taxa/BPAs where further taxonomic work could improve knowledge of benthic biodiversity. A total of 4307 specimen lots (29% of all lots) have only been identified to family or order level. Most of these unidentified lots belonged to phyla Mollusca (886), Arthropoda (876), Echinodermata (714), Cnidaria (692), Annelida (437), Bryozoa (223), and Porifera (218) (Figure 7). The Kermadec and Mid Chatham Rise BPAs had the highest number of unidentified lots (1501 and 1147, respectively). Relatively high numbers of unidentified lots (more than 100) were also found in the Bounty Heritage, Campbell Heritage, Tectonic Reach, Antipodes Transect, and Challenger South BPAs.

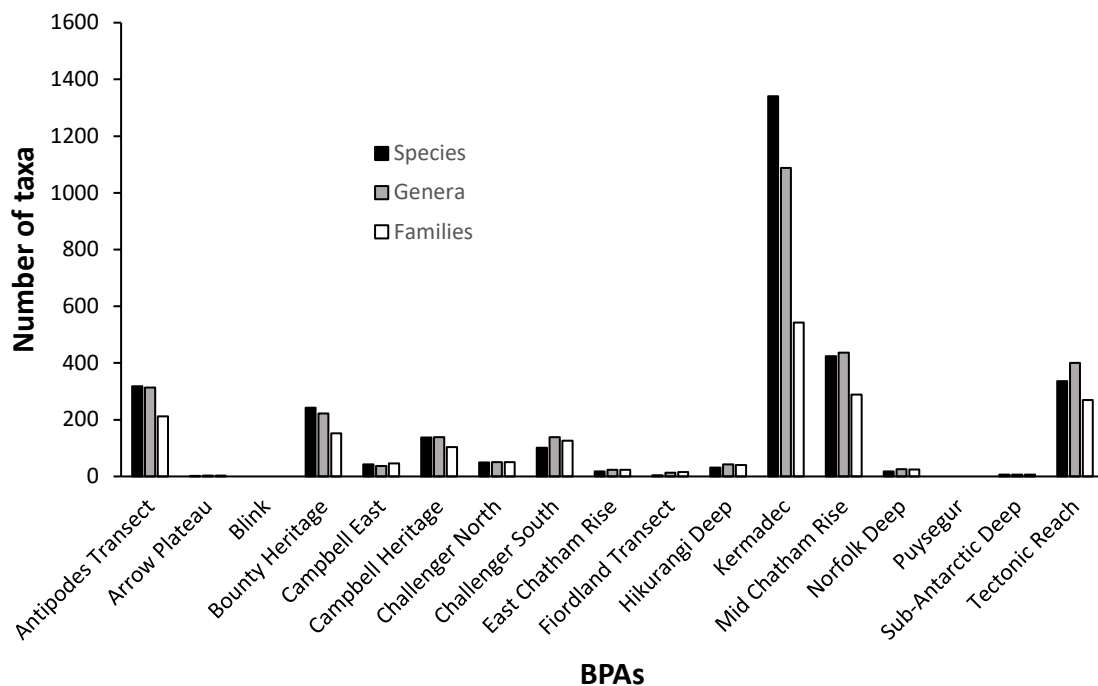


Figure 6. Number of species, genera, and families identified from BPAs.

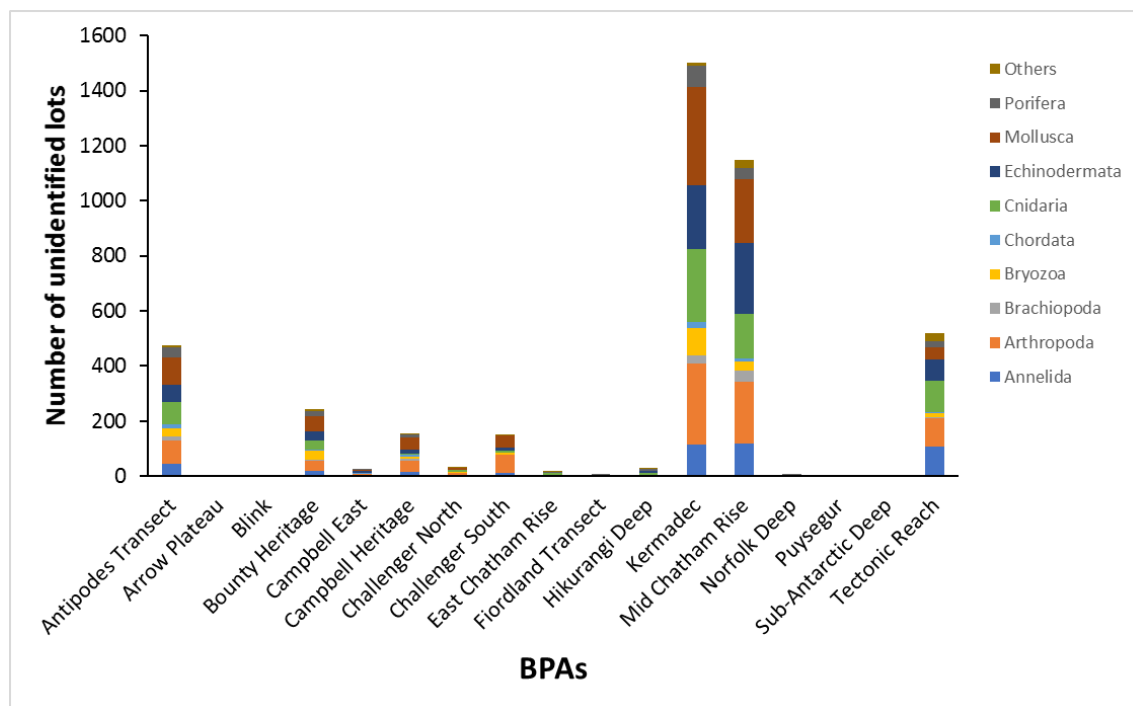


Figure 7: Numbers of unidentified lots from the BPAs (grouped by Phylum).

Biodiversity composition

Taxon lists have been generated for each BPA. In order to make the presentation of these data more manageable, and also facilitate comparison between neighbouring BPAs, the taxon lists have been grouped into four regions:

Western: this covers the west coast of New Zealand. It includes the following BPAs:

- Challenger South
- Challenger North
- Fiordland Transect
- Norfolk Deep

Kermadec: the northeast of the North Island:

- Kermadec
- Tectonic Reach

Chatham Rise region: east of the South Island.

- Mid-Chatham Rise
- East Chatham Rise
- Hikurangi Deep
- Arrow Plateau

Southern region: the subantarctic section south of New Zealand.

- Antipodes Transect
- Bounty Heritage
- Campbell Heritage
- Campbell East
- Puysegur
- Subantarctic Deep

For each species in the region, the number of lots, and the number of specimens, is given (Appendix 3). Hence, it is easy to see if a particular species is widely distributed in the region (bearing in mind variability in the sampling distribution between BPAs).

The lists are presented as an inventory of the BPAs, and there was no attempt to describe or analyse the various features and characteristics of the faunal composition because this was beyond the scope of the study. However, an examination of the gradient of species accumulation curves (Figure 8) indicates that biodiversity is reasonably well described by the available material for the BPAs where more than 100 sampling stations have occurred (Kermadec and Mid-Chatham), and only a relatively shallow increase in species number with increased sampling effort for Antipodes Transect and Tectonic Reach. For all the other BPAs where sampling effort has been much less, the curves are increasing steeply, indicating that each new sampling event will be likely to catch previously unreported taxa.

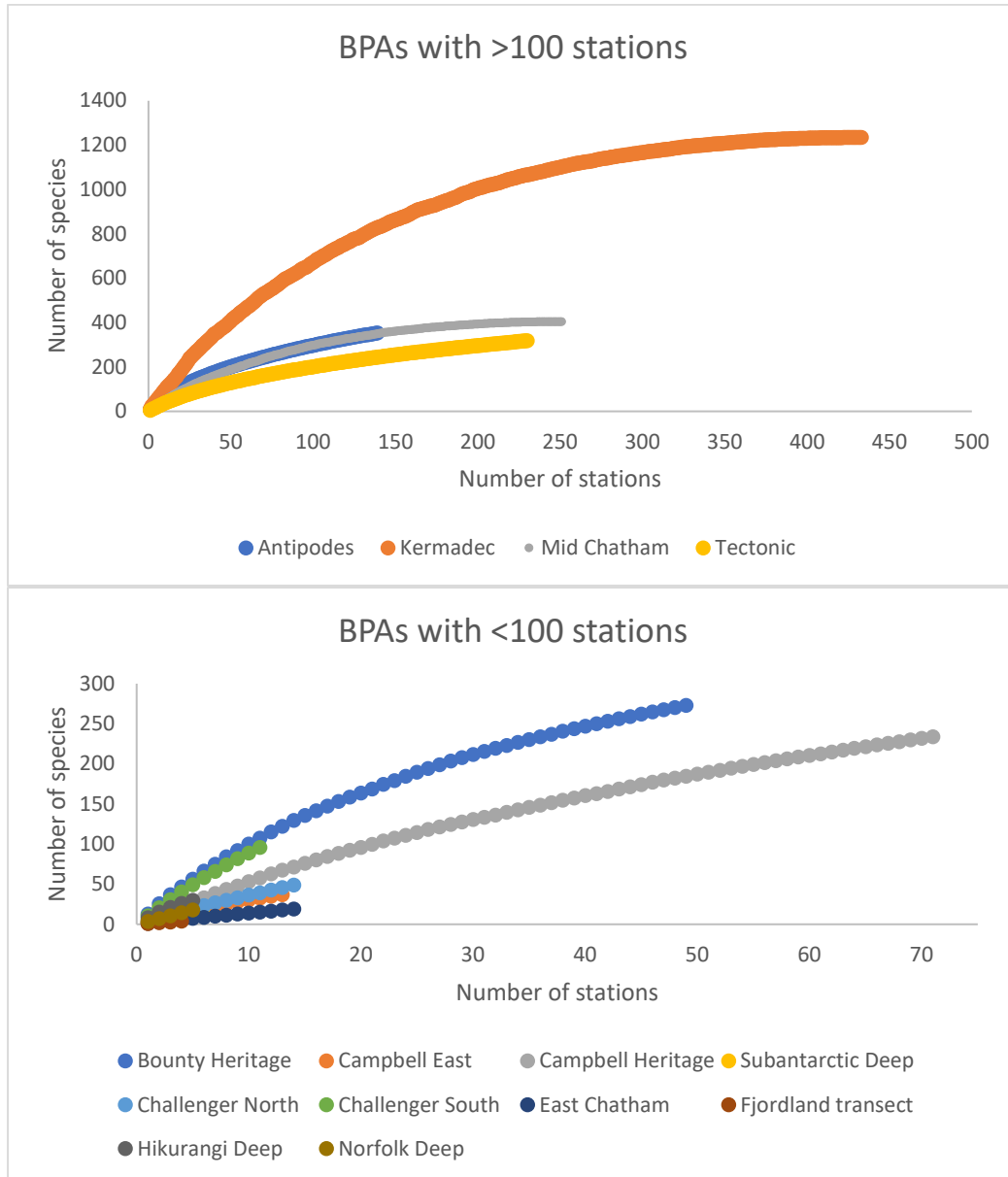


Figure 8: Species accumulation curves for BPAs: BPAs with more than 100 stations (top panel) and fewer than 100 stations (lower panel).

New samples from selected BPAs

There have been several taxonomic discoveries including new species and new records for the New Zealand region amongst the material examined under the funding provided for this project and by the Department of Conservation. Additional effort was directed at subantarctic BPAs and a report on Campbell Island benthic biodiversity was prepared for the Department of Conservation (Clark & Mills 2017). These initiatives improved the taxonomic knowledge of a number of subantarctic BPAs. A summary of samples processed, and notes on the findings are given in Appendix C.

3.2 Seamount Closure Area summary

Data were available from 17 SCAs (Table 4) but three seamounts, Seamount 358, Seamount 401, and Seamount 671 (Pinnie), had no specimen lots in the databases. Collection method was specified for 66% of the specimen lots identified (2252 out of 3329). Twelve collection methods were specified in total, the most common being epibenthic sled (89% of total), with lower numbers by rock dredge (3%) and Agassiz trawl (2%), and all other gear types comprising no more than 2%.

Table 4: Summary of sampling stations within SCAs.

Seamount Closure Area	Minimum depth	Maximum depth	Number of stations sampled	Most common collection method(s)
Aotea	910	1389	29	Agassiz trawl (medium), dredge (mussel)
Bollons	874	4500	10	Rock dredge, epibenthic sled
Brothers	1049	2430	77	Epibenthic sled, Submersible
Cavalli	470	930	45	Epibenthic sled, pots (unspecified)
Diamond Head	440	850	13	Epibenthic sledge
Gothic/Pyre	990	1181	38	Epibenthic sled, bottom fish trawl
Morgue	830	1162	23	Epibenthic sled
Rumble III	196	2120	88	Epibenthic sled
Seamount 140	-	-	0	-
Seamount 148	700	1680	2	Not specified
Seamount 328	898	953	1	Bottom trawl
Seamount 358	-	-	0	-
Seamount 375	940	1140	10	Epibenthic sled
Seamount 401	-	-	0	-
Seamount 447	691	1123	2	Not specified
Seamount 671	-	-	0	-
Telecom Knoll	1919	2000	2	Agassiz trawl (medium), dredge (mussel)

Sampling effort was uneven between areas. Rumble III and Brothers combined comprised 49% of all stations sampled, followed by Cavalli (13%), Gothic/Pyre (11%), Aotea (9%), and Morgue (7%).

Fifteen phyla were represented in the dataset. Most of the specimen lots belonged to Echinodermata (24% of total), Cnidaria (20%), Arthropoda (16%), Mollusca (14%), Porifera (12%), Bryozoa (8%), and Annelida (5%) (Figure 9). The remaining phyla combined comprised only 1.3% of the total.

The total number of specimen lots recorded in the SCAs varied widely, from 1 (Seamount 328) to 796 (Cavalli), and did not necessarily reflect differences in sampling effort. For example, 563 lots were registered for Gothic/Pyre from 38 stations, whereas only 223 lots were registered from 77 stations at Brothers.

A total of 543 species, 665 genera and 388 families had been identified from SCAs (Figure 10). Cavalli and Rumble III were characterised by the highest number of recorded species (221 and 134, respectively), followed by Gothic/Pyre (108), Diamond Head (102), Morgue (64), and Seamount 375 (63).

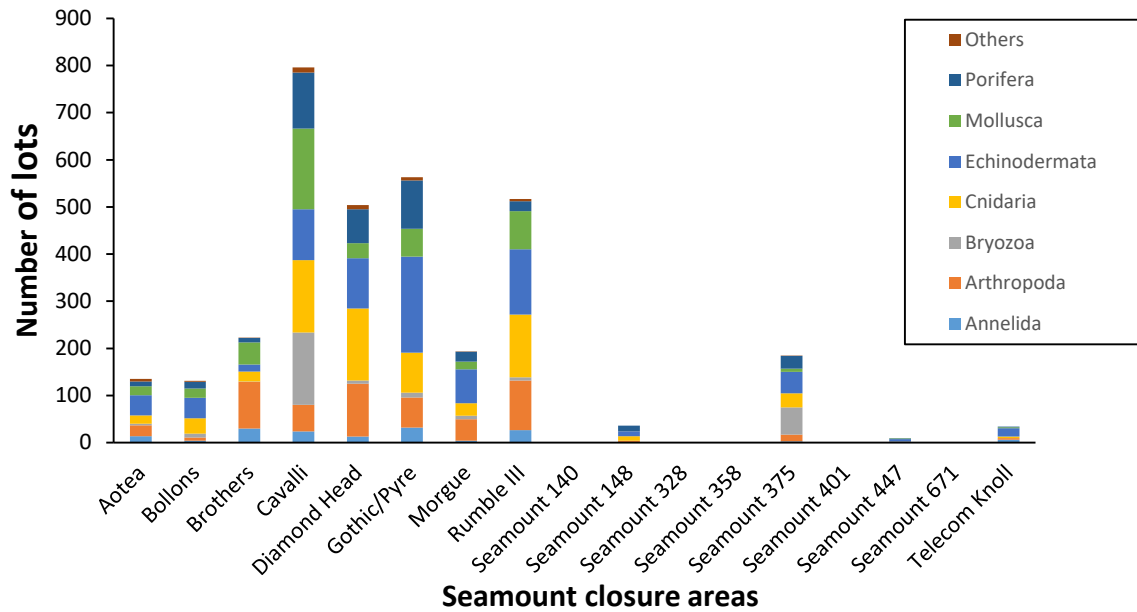


Figure 9: Number of lots by phylum from SCAs.

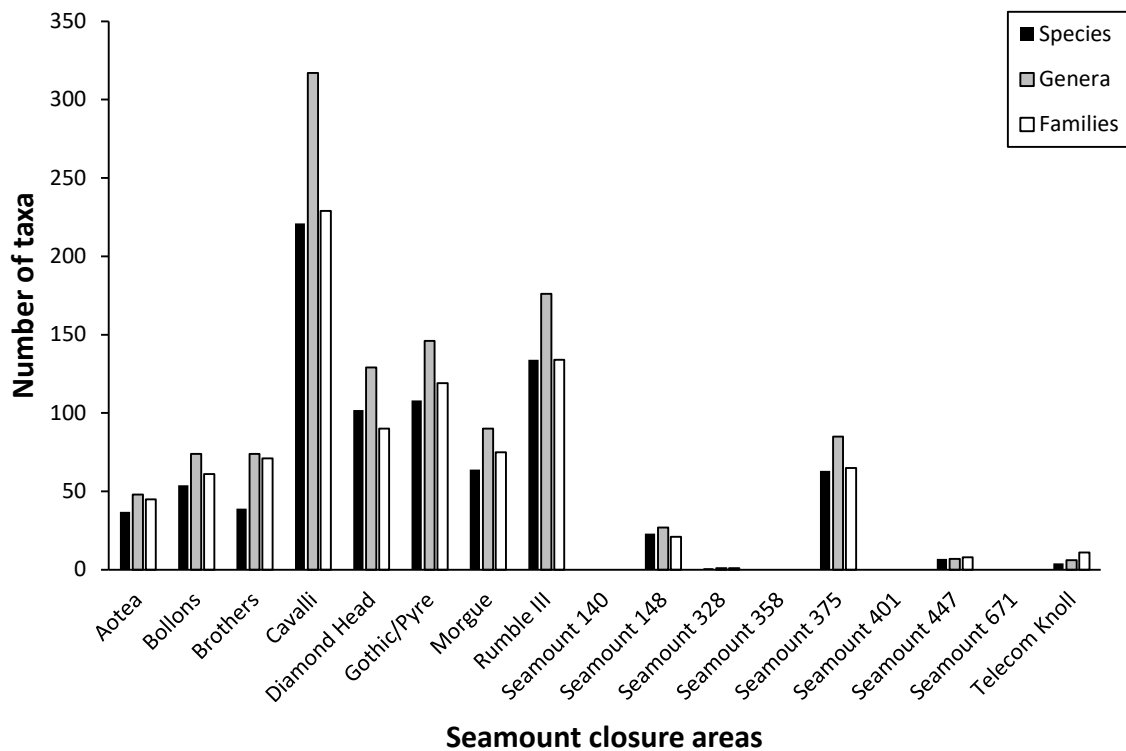


Figure 10: Number of species, genera, and families identified from SCAs.

As found for the BPA samples, the level of identification varied between taxa and between SCA. A total of 616 lots (19% of all lots) had not been identified to genus level. Most of these are Cnidaria (140), Mollusca (114), Arthropoda (89), Echinodermata (82), Annelida (80), and Porifera (57) (Figure 11). The Cavalli and Diamond Head SCAs contained the highest number of unidentified lots (121 and 114 respectively), followed by Rumble III (101), Gothic/Pyre (76), and Aotea (65).

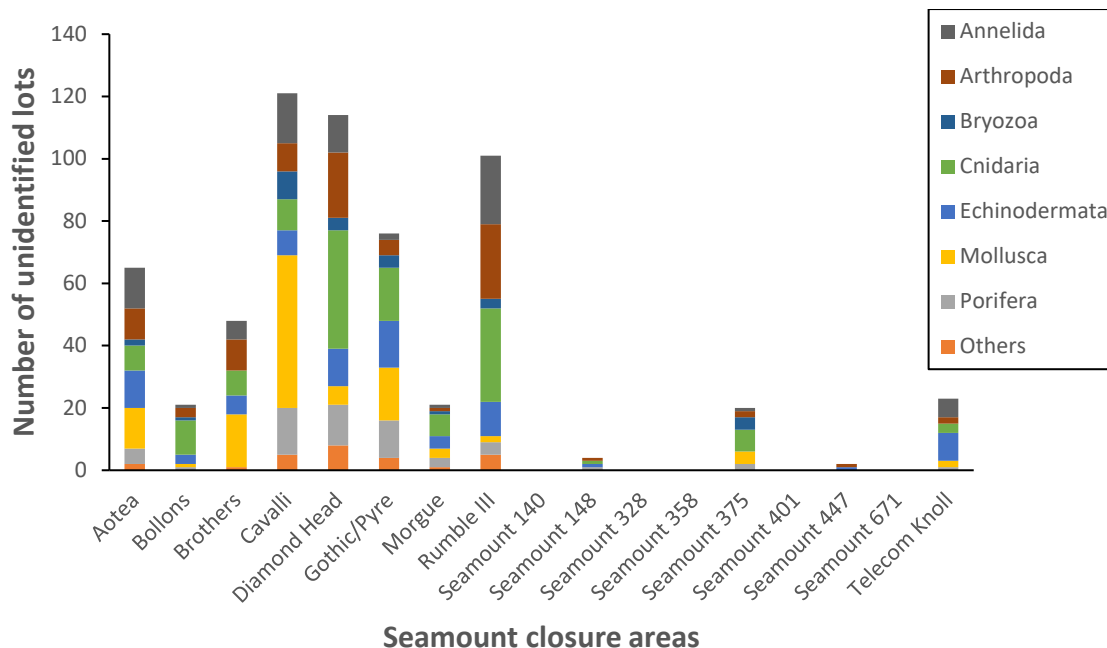


Figure 11: Numbers of unidentified lots from the SCAs (grouped by Phylum).

Biodiversity composition

Taxon lists have been generated for each SCA. In order to make the presentation of these data more manageable, and also facilitate comparison between neighbouring SCAs, the taxon lists have been grouped into four regions as was done for the BPAs:

Western: this covers the west coast of New Zealand. It includes the following SCAs:

- Aotea Seamount
- Cavalli Seamount
- Seamount # 140
- Seamount #148
- Seamount #447
- Telecom Knoll

Kermadec: the northeast of the North Island:

- Brothers Seamount
- Rumble III Seamount

Chatham Rise region: east of the South Island.

- Diamond Head seamounts
- Gothic/Pyre
- Morgue
- Seamount #328

Southern region: the subantarctic section south of New Zealand.

- Bollons Seamount
- Seamount 375/Christable

For each species in the region, the number of lots, and the number of specimens, is given (Appendix D). The lists are presented as an inventory of the SCAs, and there was no attempt to describe or analyse the various features and characteristics of the faunal composition because this was beyond the scope of the study.

3.3 Effectiveness of BPAs to protect biodiversity

EEZ-wide region

The base analysis with no depth restriction in the analysis mask identified highest “conservation priority” cells (matching the particular set of parameters described in the methods) off the west coast of central New Zealand from Westland to the Manukau, Chatham Rise, Stewart-Snares Shelf, Campbell Rise, Bounty Plateau, and Bollons seamount (Figure 12). These are the regions in yellow and red on the map, which represent the cells remaining after the analysis has removed 75% and 90% respectively of the “least valuable” cells. The pattern is generally similar when the analysis is limited to depths of 200–3000 m although the shallower depth areas off the west coast, off Banks Peninsula, and around Stewart Island between 12 nautical miles and the 200 m depth contour are excluded. The prioritisation of these shallower areas was most likely due to the model requirement for representation across all the BOMECS areas, which included near-coast areas (see Figure Appendix A2).

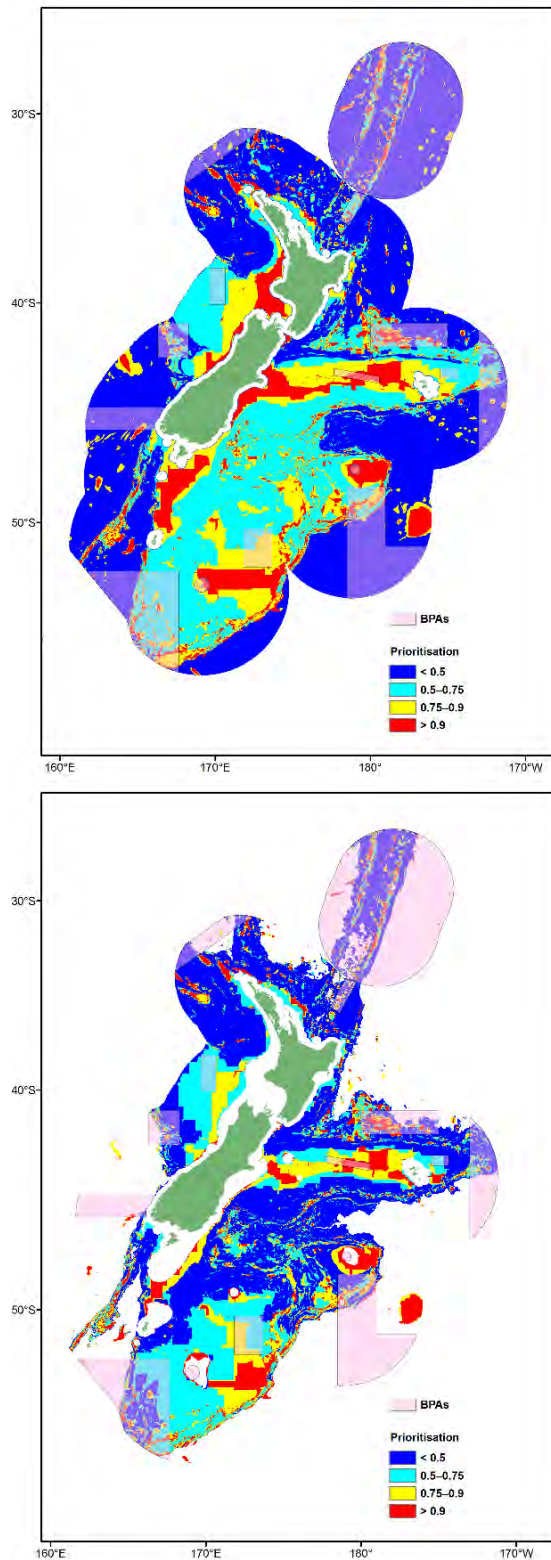


Figure 12: “Conservation” prioritisation maps for Base runs of the EEZ-wide analysis: Left, all depths; right, depths limited to 200–3000 m.

Mean conservation benefit curves can be used to show the relationship between the amount of total area protected, and the extent of protection of biodiversity. Initially, in each Zonation run, the entire area is considered closed, and then progressively the less valuable cells are opened up, and the proportion of the distribution of a species or habitat that is protected declines. High

value habitat for most biodiversity features begins to decline after about 40% of the landscape has been removed in the model run with no depth restriction, as cells deeper than 3000 m are removed earliest (Figure 13, left panel). The remaining cells for potentially vulnerable taxa taper off gradually after this point, but cells with crinoid and brisingid taxa are removed more quickly due to the zero weighting for these groups. BOMECE areas are more gradually removed, with all seamount areas retained until about 80% of the landscape has been removed. All remaining features have small overall areas and are readily retained under the analysis criteria until the final few steps of the elimination process.

When the analysis is depth-limited (200–3000 m), depletion of high-value habitat for most biodiversity features begins at the very start of the elimination process. This is because there are no cells with missing values for most of the layers (Figure 13, right), although this decline is gradual as many cells have very low habitat suitability values for most taxa. Cells for brisingid and crinoid habitat decline more rapidly, but remaining features are removed in a similar pattern to the model with no depth restriction.

At an equivalent areal extent to the current BPA network, results suggest that about 80% or more of the distribution of each biodiversity feature (apart from the zero-weighted taxa) can be preserved under an optimal solution for the all-depths model run; this drops to about 60% for the depth-limited model.

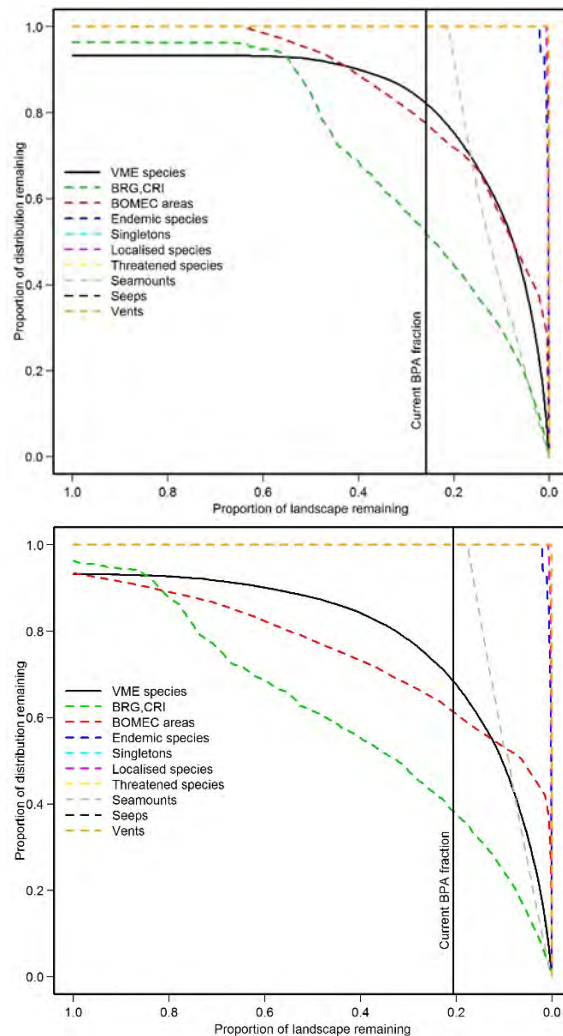


Figure 13: Mean “conservation” benefit curves for biodiversity features as a function of geographical protection, and the current fraction of the analysis area under BPA protection, for the EEZ-wide analysis: Left, all depths; right, depths limited to 200–3000 m.

The potential improvement in representation given the factors used in this analysis that can be provided by a network designed using Zonation is shown in Figure 14. For the model with no depth restriction (left panel), an area equivalent to that of the existing BPAs (25.8% of the analysis area) could provide on average 84.9% representation for the biodiversity features assessed. The existing BPAs provide on average 20.1% representation for these features. However, although habitat suitability is likely to be low for most of the modelled VME indicator taxa on seabed deeper than 3000 m, this comparison is not strictly valid as the model does not include any such biodiversity value for these deep regions.

The depth-limited model accounts for this issue by restricting the analysis to the depth range for which the habitat suitability models extend. The area of existing BPAs in the depth-limited model is slightly smaller (20.1%) due to some BPAs having areas deeper than 3000 m. The potential improvement in biodiversity representation provided by a Zonation-informed protection network is 74.0%, which is still appreciably higher than the level of protection currently afforded by the existing BPAs (19.5%) (Figure 14). This difference is labelled D in the figure. If additional protection to the current BPA coverage was carried out, in appropriate areas, the Zonation analyses suggest a very steep increase in the conservation benefit, represented by the almost vertical section of dashed line from 0.2 to 0.5. The representation curves gradually converge as remaining landscape increases, more noticeably for the depth-restricted model, with little difference in the lines after about 80% protection. We stress again, however, that these comparative results take little account of current use or cost (e.g., fish catch) beyond considering the trawl and bottom longline footprint.

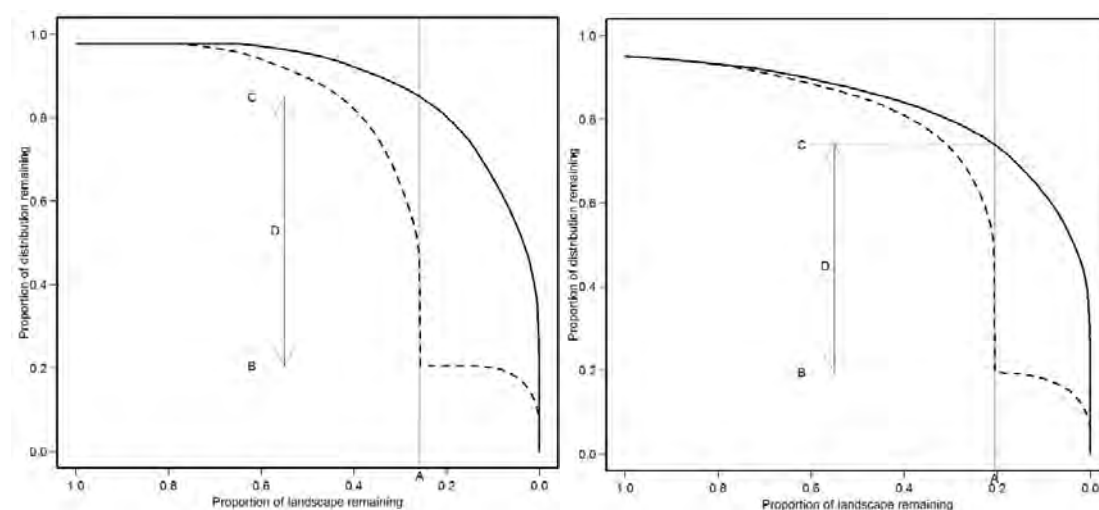


Figure 14: Average representation of biodiversity features within existing BPAs (dashed line) and within an alternative network (solid line) based on Zonation outputs, for the EEZ-wide analysis: left, all depths; right, depths limited to 200–3000 m). A, spatial extent of existing BPAs; B, biodiversity representation of current BPAs; C, biodiversity representation at equivalent area of protection to current BPAs with Zonation-based solution; D, difference in average representation between existing BPAs and Zonation-based solution.

Chatham-Challenger region

The highest priority cells in the Base analysis (with all depths) using the Chatham-Challenger modelled species distributions were slightly different to those in the equivalent EEZ-wide analysis. The Chatham Rise was still a high-priority area, but there was an increase in the relative importance of stretches close to the east coast of South Island south of Banks Peninsula, and central-northern regions of Challenger Plateau (Figure 15, left panel). This result is most likely due to the greater relative emphasis on biodiversity data from the Challenger region in this analysis compared with the EEZ-wide analysis (more data as a proportion of the total area).

The patterns of high priority areas in the depth restricted model are quite similar to the Base analysis (Figure 15, right panel). Conservation prioritisation in shallower areas is relatively high in both model runs (compared with the EEZ-wide analysis), due to the influence of the shallow BOMECS classes (Figure Appendix B2) and the extension of species input layers to the coast in the depth-limited model.

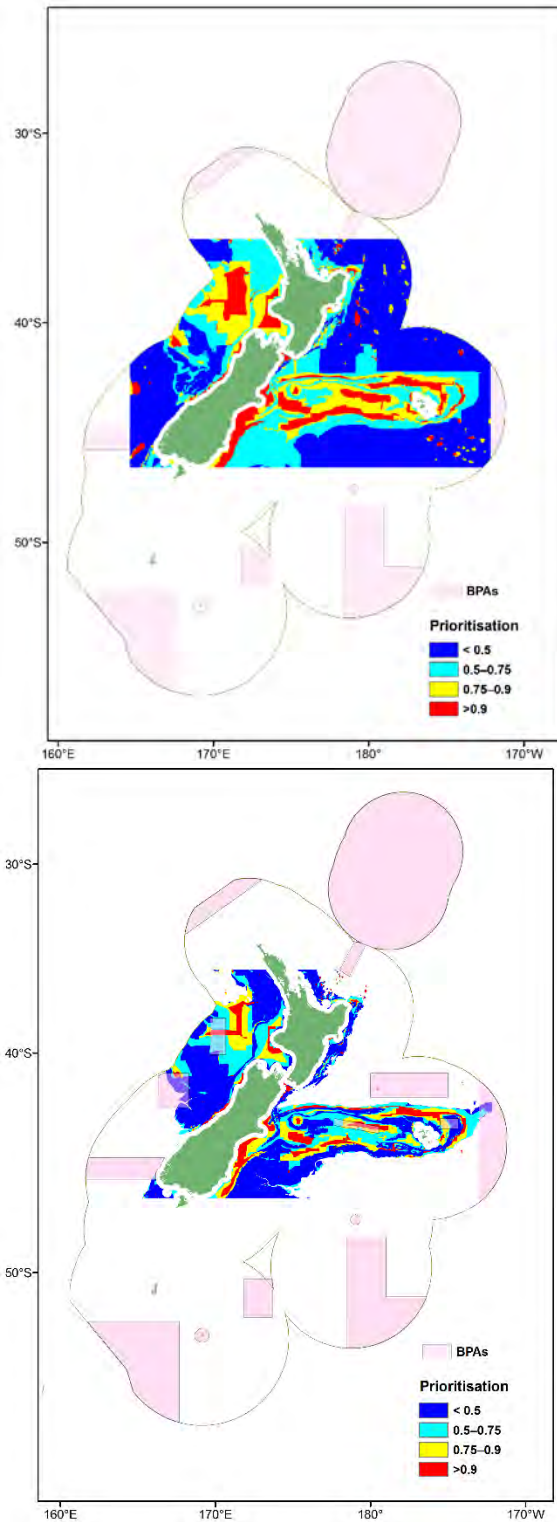


Figure 15: “Conservation” prioritisation maps for Base runs of the Chatham-Challenger analysis: Left, all depths; right, depths limited to 0–1850 m.

Mean conservation benefit curves for analyses with no depth restriction show the protection of high value habitat beginning to decrease after 40–50% of the landscape has been removed (Figure 16). Deep areas are removed first with little effect as the main biodiversity value data layers do not extend into deeper waters. The remaining distribution of invertebrate taxa/habitat metrics (such as BOMECE classes, species richness, Biotic Habitats) decreases rapidly after this point, with the distribution of high value features represented by smaller areas (e.g., localised species, endemics, singletons) being retained longer in the elimination process.

Less than 20% of the distribution of the combined benthic invertebrate features can be preserved with an optimised area equivalent to the areal extent of the current BPA network under the all-depths model, and less than 10% under the depth-limited model. Species richness is also more difficult to protect in both models, but the distribution of other features is mostly more than 60% protected (all-depth model) or 40% protected (depth-limited) under these optimal solutions.

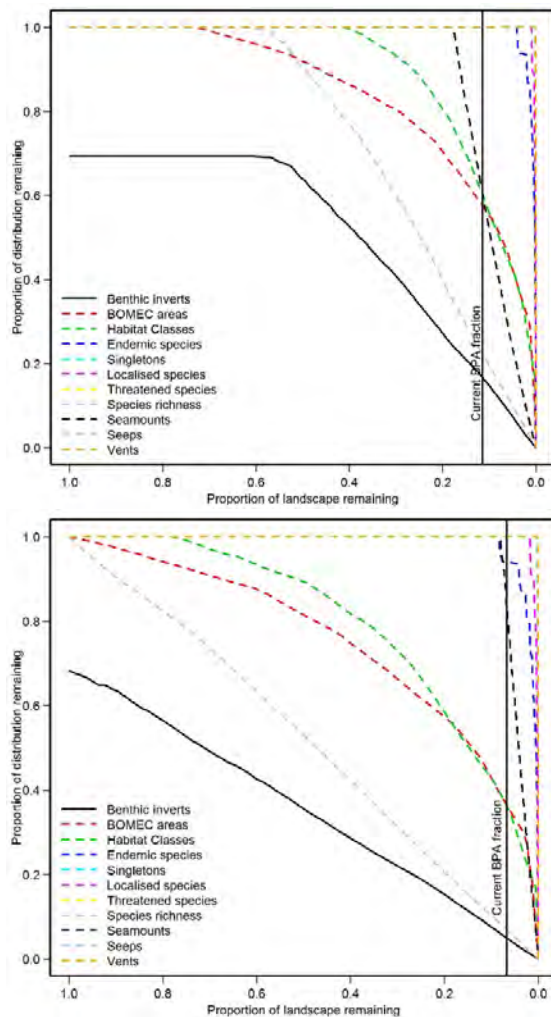


Figure 16: Mean conservation benefit curves for biodiversity features as a function of geographical protection, for the Chatham-Challenger analysis: Left, all depths; right, depths limited to 0–1850 m.

The potential improvement in biodiversity representation that can be provided by a network for the Chatham-Challenger area using Zonation is shown in Figure 17. For the model with no depth restriction, an area equivalent to that of the existing BPAs in the region (11.4% of the analysis area) would provide on average 32.7% representation for the biodiversity characteristics included in the assessment. The existing BPAs provide on average 6.3%

representation. However, as for the BPA analysis, this comparison is unrealistic because depths greater than 1850 m are very poorly represented by biodiversity data in the model.

The area of existing BPAs in the depth-limited model is smaller (6.8%) due to the areas of the BPAs deeper than 1850 m. The potential improvement in representation provided by a Zonation-informed protection network is 20.0% protection of biodiversity characteristics compared with 6.0% protection afforded by the current BPAs (Figure 17).

The representation curves between existing BPA and a Zonation solution converge as the proportion of remaining landscape increases (right to left), slowly for the model with no depth restriction, but rapidly for the depth-restricted model. In the latter there is no discernible difference in the trajectories after about 20% protection. Under this scenario, equivalent protection to a Zonation-based solution can be achieved by adding about 15% of the currently non-protected analysis area to the BPA network.

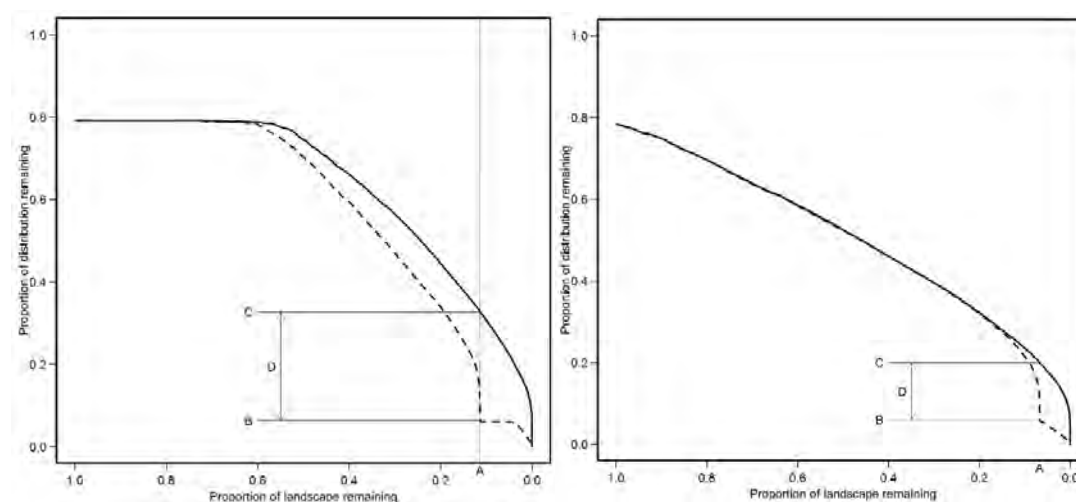


Figure 17: Average representation of biodiversity features within existing BPAs (dashed line) and within an alternative network (solid line) based on Zonation outputs, for the Chatham-Challenger: left, all depths; right, depths limited to 0–1850 m). A, spatial extent of existing BPAs; B, biodiversity representation of current BPAs; C, biodiversity representation at equivalent area of protection to current BPAs with Zonation-based solution; D, difference in average representation between existing BPAs and Zonation-based solution.

Species comparison

Species lists were compiled for the Chatham Rise at depths from 100 to 1000 m. This depth range covered the main part of the Rise, an area for which we felt confident in having relatively good data to compile representative species lists. This area did not extend out to the Arrow Plateau because of limited sampling in the deep. Data were extracted from 2499 sampling stations over the full area of the Chatham Rise, and from 313 stations inside the East Chatham Rise and Mid-Chatham Rise BPAs.

The total number of species (described or operational taxonomic units) recorded in the databases at NIWA is 1510 (as at June 2017). Of these 1431 are known from outside the BPAs, and 402 are recorded from inside the two BPAs (Table 5). The overlap of 323 species that are common to both outside and inside amounts to 27% of the species on the Chatham Rise that are protected within the BPAs. This varies by taxa (Table 5), especially for the infaunal groups (lower part of table) where diversity is less well sampled. However, for the main epifaunal phyla, in the upper section of the table, the BPAs typically contain 20–30% of the species known on the Rise.

Table 5: Summary of species numbers inside and outside BPAs on Chatham Rise (CRise), and the proportion of species protected by the Mid-Chatham Rise and East Chatham Rise BPAs.

Phylum “Well-sampled”	Total number of CRise species	CRise species outside BPAs	CRise species in BPAs	CRise species present both inside and outside BPAs	% of CRise species found within BPAs
Annelida	132	120	76	64	58
Arthropoda	315	305	65	55	21
Bryozoa	136	124	33	21	24
Cnidaria	161	152	34	25	21
Echinodermata	218	212	60	54	28
Mollusca	417	412	90	85	22
Porifera	89	76	23	10	26
“Less sampled”					
Brachiopoda	14	14	6	6	43
Kinoryncha	1	1	0	0	0
Priapulida	1	1	1	1	100
Chordata	6	6	1	1	17
Nematoda	17	6	12	1	71
Nemertea	1	1	0	0	0
Sipuncula	2	1	1	0	50
TOTAL	1 510	1 431	402	323	27

4. DISCUSSION

4.1 Status of biodiversity knowledge

This study has described the status of biological sampling within New Zealand's BPAs and SCAs. This work enables an assessment of how much information on benthic invertebrate species composition and assemblages is available to support a fuller description of the existing BPAs. That is, we now know how many samples have been identified, the level to which they have been identified, and how many other samples are available to be processed to add to the growing BPA dataset. For some BPAs, particularly the Kermadec BPA, a large number of species have been identified to species level, or at least to genus level, which can support a reasonable description of the fauna (as evidenced by species accumulation curves approaching an asymptote). However, most BPAs have been sampled less than 100 times and are typically poorly described.

The study has highlighted there are also many samples that have not been processed, so there is considerable scope to improve the information base before initiating any systematic sampling. The Bounty Heritage and Campbell BPAs are examples of regions that have a relatively small number of samples that have been identified yet had many more samples available to supplement the current identifications. Effort into processing and identifying samples from those BPAs in association with this project has greatly increased our knowledge of biodiversity in the subantarctic area. For the Bounty Heritage BPA, such work (Clark et al. 2014) revealed a new genus and 13 new species records of Porifera in New Zealand waters, and 21 new species of Bryozoa. In the current study, the specimen that extends the southern range of *Ophiochiton fastigatus* was collected in 1973, and an equivalent example of a new record of a genus of sponge () found in the Bounty Heritage BPA from a sample collected in 1962, underlines the value of processing these historical samples. The number of species new to science found in the collection emphasises the importance of examining existing material before attempting to describe and analyse in detail the characteristics of the benthic invertebrate biodiversity of the BPAs. For many BPAs (and SCAs to a lesser extent) it is clear that there are many samples for taxonomists to examine if funding becomes available in future. The future examination of this material, especially from the less well-described BPAs or seamounts, would further improve our knowledge of biodiversity and hence understanding the effectiveness of BPAs.

In addition to new biodiversity records, another benefit of the project was the cataloging of historical New Zealand Oceanographic Institute, and other unfunded historical project materials that were already identified but sitting in the NIWA Invertebrate Collection not yet registered in the *niwainvert* database prior to this project. Their associated data are now much more easily accessible to data managers and researchers to be used in a wide variety of analyses.

Benthic invertebrate biodiversity overall within New Zealand is still poorly described, with the species accumulation plots increasing in most BPAs, and more sampling effort is needed for example to be able to robustly estimate potential species richness. On the one hand, it was encouraging that for some BPAs (e.g., Mid-Chatham Rise, Kermadec) species composition was well determined, but, on the other, the need to undertake relatively intensive sampling (more than 100 stations) is unlikely to be realistic for the more remote or deep BPAs.

The data compilation for this report focussed primarily on deepwater taxa for which the combined NIWA, Auckland Museum and Te Papa data represent the majority of specimen holdings in New Zealand. Historical published records where specimens are not held in New Zealand have not been included, and although believed to be minor, this means that for some areas the species lists will be incomplete. There are also recent surveys and expeditions for which specimens have been collected, including species likely to be new to science, that have not yet been processed into collections and formally described (e.g., RV *Tangaroa* survey of the Kermadec region in 2016, Clark et al. 2017). Obviously, any species inventory, like the present one, is a snap-shot at that time. Collection databases are constantly updated and revised, and hence the summary of this project could usefully be repeated at regular intervals, such as 5-yearly. Such a regular update should include taxonomic identification of

historical samples as well as newly collected material. It would benefit from the multi-institute approach taken here.

The compilation of data from the two major collection holding organisations, NIWA and Te Papa, improved data for some taxa and in some regions. The collection curatorial and management staff in these organisations are in regular contact with one another, and such efforts should be encouraged to ensure that data sharing can continue on national-scale projects where appropriate.

4.2 Efficacy of BPAs

The Zonation analyses presented here are intended primarily to illustrate how such a spatial management planning tool can assist in both the evaluation of existing protection measures, and the selection of new areas to improve the efficacy of such a MPA network. Hence, results should be interpreted only as indicative of how this approach can be used in future evaluation of the efficacy of existing or additional BPAs. The EEZ-wide analysis was constrained by the depth range of the habitat suitability modelling carried out for VME indicator taxa. Nevertheless, areas deeper than 3000 m are likely to host few stony corals (Scleractinia) and have more scattered and lower densities of other VME indicator taxa such as octocorals and sponges. In addition, depths of more than 3000 m are not fished, and are unlikely to be subject to bottom trawling in the near future given the absence of any current commercial fish species and technological limitations on working at those depths. However, the restricted depth analysis is more valid. Based on the indicative conservation layers, prioritisation procedures and analysis parameter settings, the study suggests that improvement in the effectiveness of BPAs is possible, noting that there was no consideration of “cost” or impact on resource use in this analysis. These findings are consistent with a preliminary analysis of the BPAs using demersal fish data as a proxy for biodiversity, which indicated that the BPAs didn’t perform as well as if an objective spatial design procedure had been followed (Leathwick et al. 2008b). Studies of population connectivity among selected benthic invertebrate species also questioned the efficacy of particular BPAs (Bors et al. 2012, Zeng et al. 2017).

The datasets we have used in our exploratory Zonation analyses of BPA efficacy are those that we consider are both good indicators of certain components of habitat and biodiversity, and are readily available. However, these biodiversity data inputs will need to be discussed and confirmed amongst a wider group of interested agencies and stakeholders if the general approach is to progress. Data layers that represent the value of areas for resource-use stakeholders (e.g., bottom trawl catch) should also be included in Zonation analyses, whereby grid cells are prioritised to optimise both the conservation of biodiversity and resource-use values. The various settings in Zonation can also be altered, with iterations of scenarios informing managers of the sensitivity of the results to certain parameters and settings, and enabling a consensus to be developed among stakeholders about how to apply the results. A series of stakeholder workshops were held by MPI to develop this methodology to help plan spatial management options for balancing the distribution of the current bottom trawl fishery and areas of potential VMEs in the SPRFMO area outside of the EEZ (Cryer et al. 2017). Lessons learned from that process will be considered should a similar process be followed in future within the New Zealand EEZ.

4.3 Future work

A resource that has not been used in this report is photographic images/data of the seafloor, from both geological and biological surveys. Identification to species level from images is difficult, if not impossible, for all but the most distinctive species. Nevertheless image-derived data would be useful to gain an idea of patterns of higher taxonomic distribution, and abundance, and such data are currently being evaluated for their utility in habitat suitability modelling of species distributions on the Chatham Rise (Anderson et al. 2018, Bowden et al. 2019). Species records from images is something that is not well captured by museum collections. Table 6 below catalogues seafloor camera stations carried out by NIWA in BPAs and SCAs.

Table 6: Number of camera stations (generally 1 km long transects) carried out by NIWA in BPAs and SCAs.

BPA name	No of stations	SCA name	No of stations
Campbell East	0	Seamount 358	0
Hikurangi Deep	2	Bollons	5
East Chatham Rise	3	Seamount 375 / Christable	3
Blink	0	Seamount 401	0
Challenger North	2	Seamount 671	0
Puysegur	0	Morgue	118
Bounty Heritage	0	Gothic / Pyre	123
Campbell Heritage	2	Diamond Head	28
Tectonic Reach	384	Seamount 328	0
Kermadec	39	Rumble III Seamount	259
Sub-Antarctic Deep	0	Brothers Seamount	40
Antipodes Transect	6	Cavalli Seamount	15
Fiordland Transect	1	Seamount 148	0
Arrow Plateau	1	Seamount 140	0
Norfolk Deep	0	Aotea Seamount	43
Challenger South	0	Telecom Knoll	1
Mid Chatham Rise	65	Seamount 447	0

As already noted, no attempt has been made to compare directly the species composition within and between BPAs/SCAs. A quantitative analysis that assesses species composition and environmental parameters within and among BPAs could be informative, but is possible only for some BPAs at present (those relatively well-sampled with a similar gear type). As also discussed above, a regular update of species inventories for BPAs could track improvements in data and further highlight priority regions to focus sampling, and detect when quantitative analyses become possible.

5. ACKNOWLEDGMENTS

This work was funded by Ministry for Primary Industries project ZBD201410 (BPA biodiversity), with support for subantarctic regions from the Department of Conservation (contract 4681 Campbell Island Biodiversity, NIWA project code DOC16306), and NIWA Coasts and Oceans Centre Research Programme 2: Marine Biological Resources ('Discovery and definition of the marine biota of New Zealand' COBR1408: Unlocking Biodiversity). Thanks to Mary Livingston (Fisheries New Zealand), Debbie Freeman (DOC), and Wendy Nelson (NIWA) for their support and advice on this project.

The cooperation of Collection Managers and Curators from Auckland Museum (Wilma Blom and Sarah Tassell) and Te Papa (Bruce Marshall, Rick Webber and Carol Stevenson) is greatly appreciated. A large number of taxonomic staff have contributed to historical identifications, as well as the updates carried out for the project. These are too many (in total 189) to list here, but their role is critical in ensuring the accuracy of the data and hence analyses carried out under research projects like this. The smaller group that identified material specifically for this project include Dennis Gordon (NIWA, Bryozoa), Mike Page (NIWA, Ascidiacea, Thaliacea), Kate Neill (NIWA, Asteroidea), Owen Anderson (Echinoidea), Niki Davey (Holothuroidea), Sadie Mills (Ophiuroidea), Diana Macpherson (Hydrozoa), Jeff Forman (shrimps), Kareen Schnabel (Decapoda), Bruce Marshall (Te Papa, Gastropoda and Bivalvia), Kerry Walton (Te Papa/VUW, Gastropoda and Bivalvia), Jill Burnet (NIWA volunteer, Gastropoda and Bivalvia), Mark Fenwick (NIWA, Octopoda), Geoff Read (NIWA, Polychaeta), Michelle Kelly (NIWA, Porifera), Rachael Peart (NIWA, amphipods and isopods).

Kevin Mackay (NIWA) identified sampling stations within BPA and seamount areas, Tilmann Steinmetz assisted with localised distribution analyses in ArcGIS, Suze Baird provided updated trawl

and longline footprint data, and Fabrice Stephenson advised on data formats and options within Zonation.

Wendy Nelson (NIWA), Mary Livingston and Tiffany Bock (Fisheries New Zealand) provided very useful comments in their reviews of the manuscript.

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APPENDIX A

Input layers for the EEZ-wide Zonation analysis

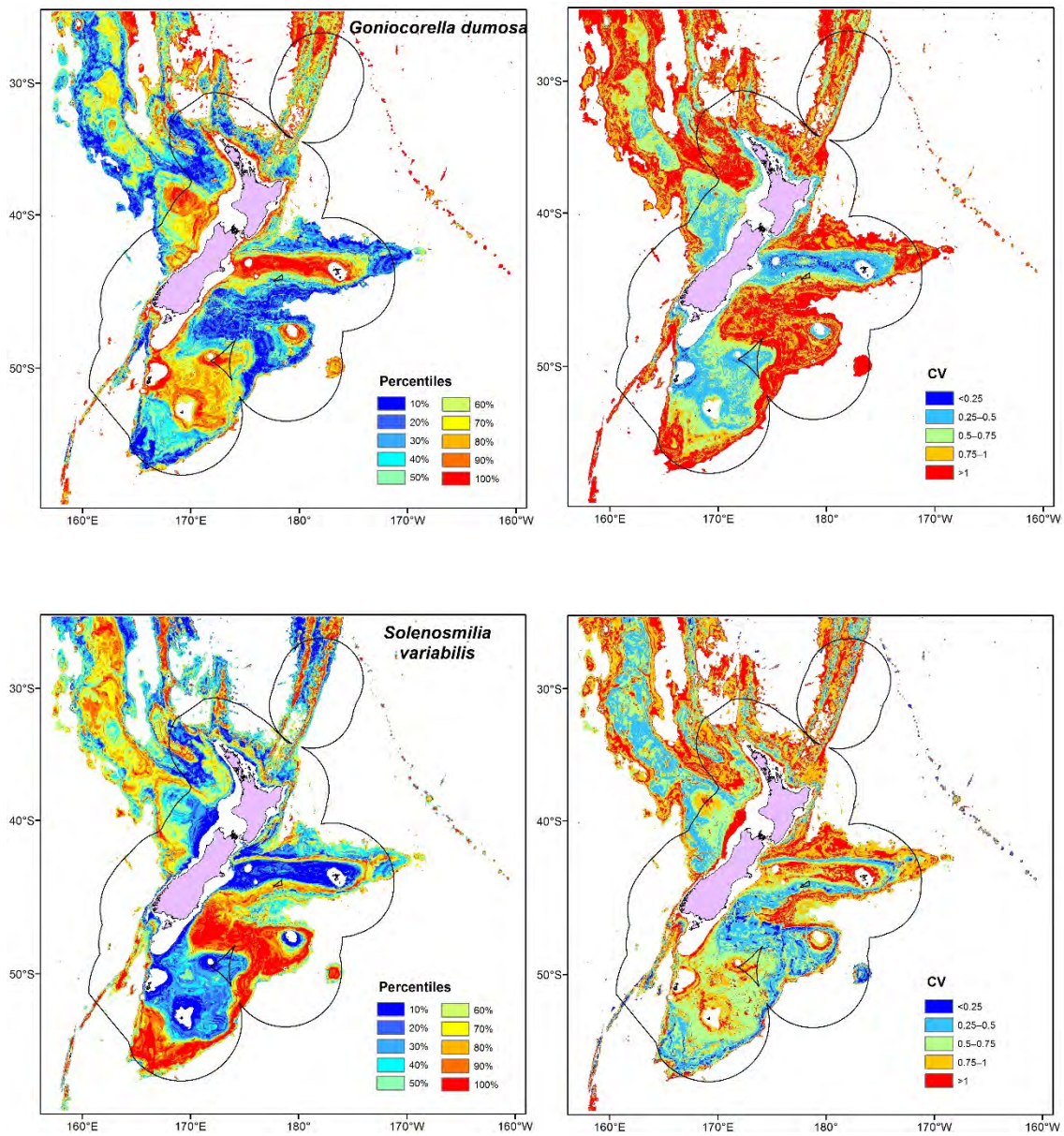


Figure A1: Species distribution model outputs (left, predicted habitat suitability; right, estimated precision (CV)) for VME taxa (Anderson et al. 2016). Models are an ensemble of Boosted Regression Tree and MaxEnt models.

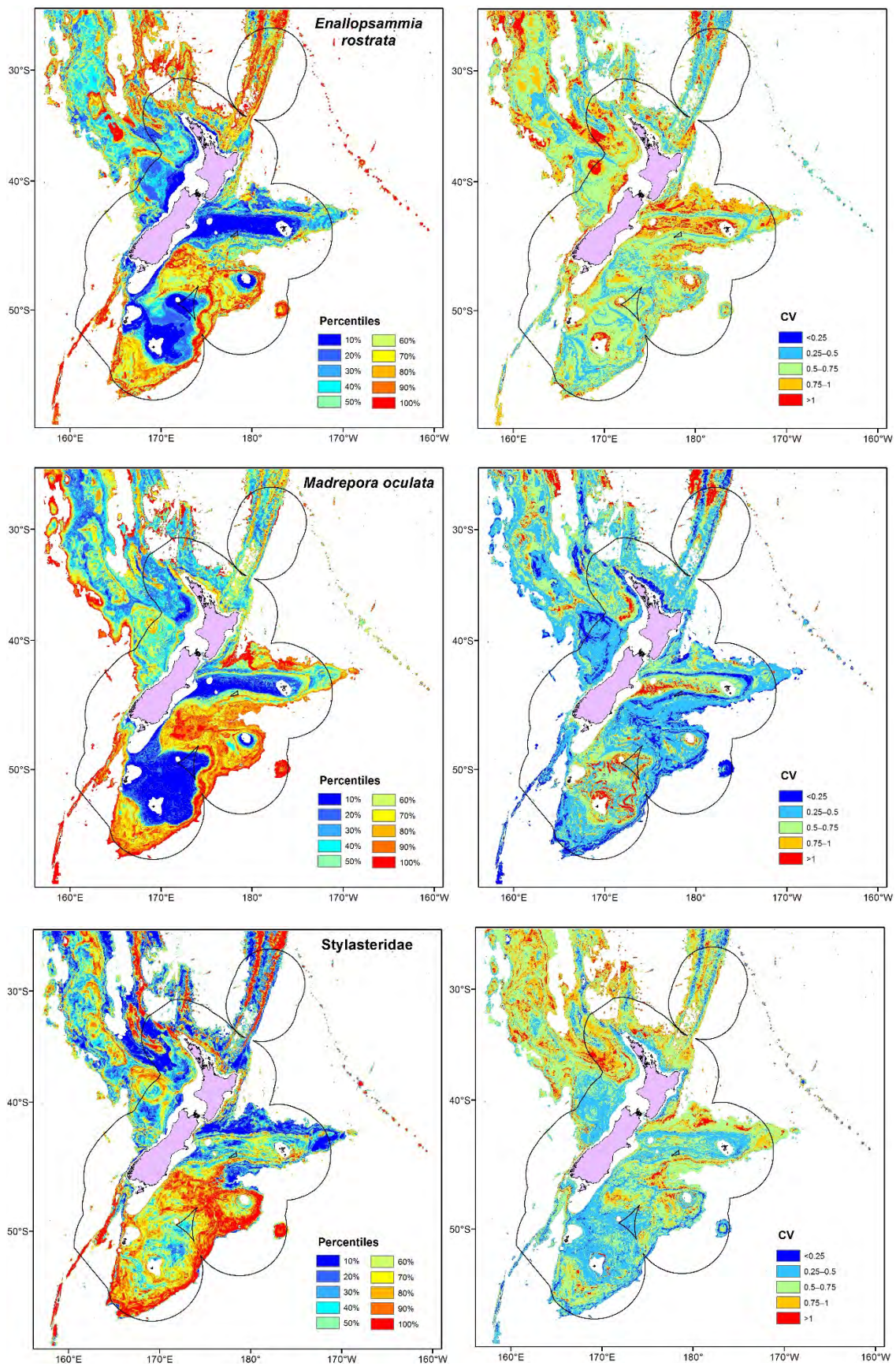


Figure A1—continued

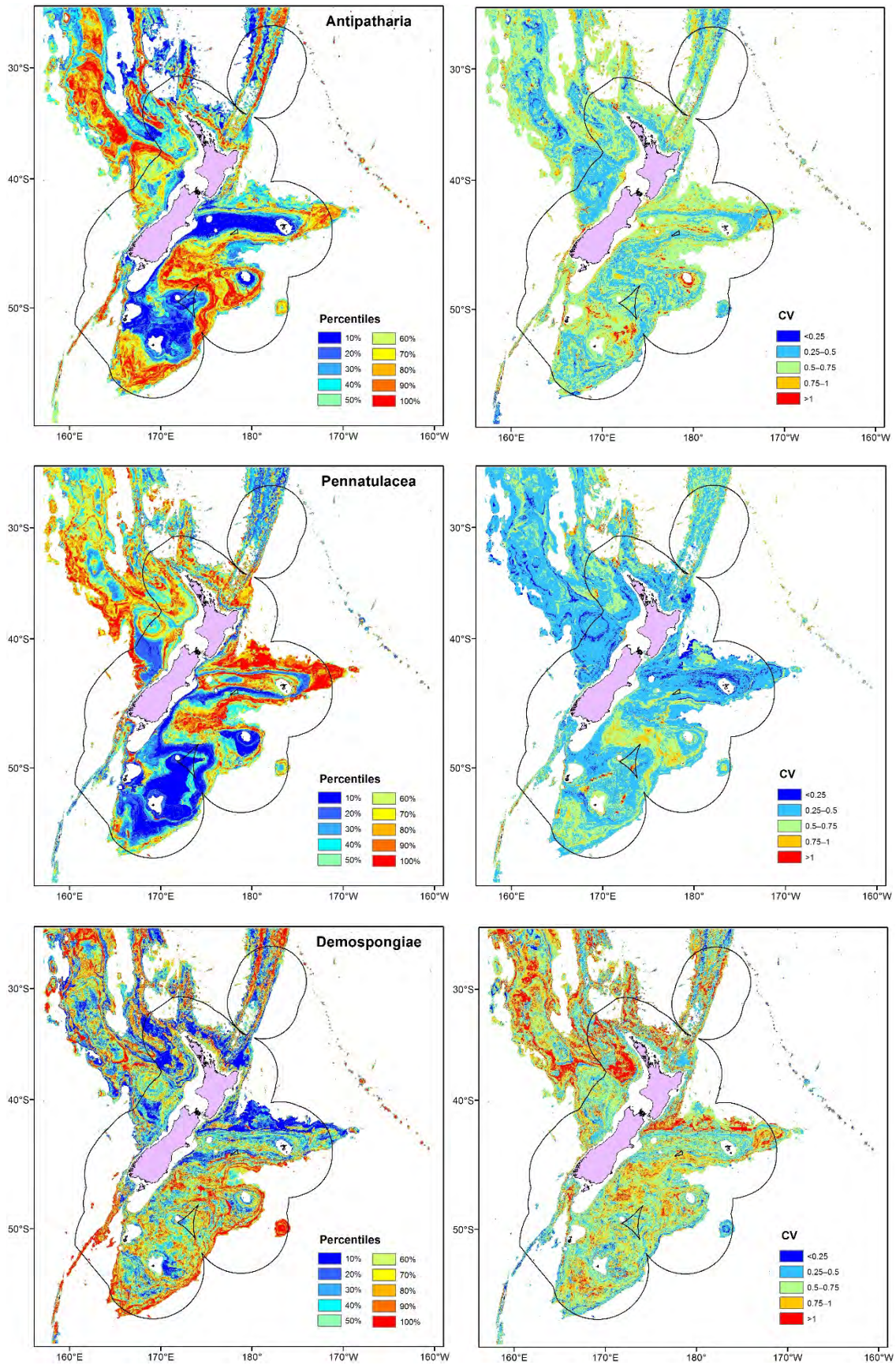


Figure A1—continued

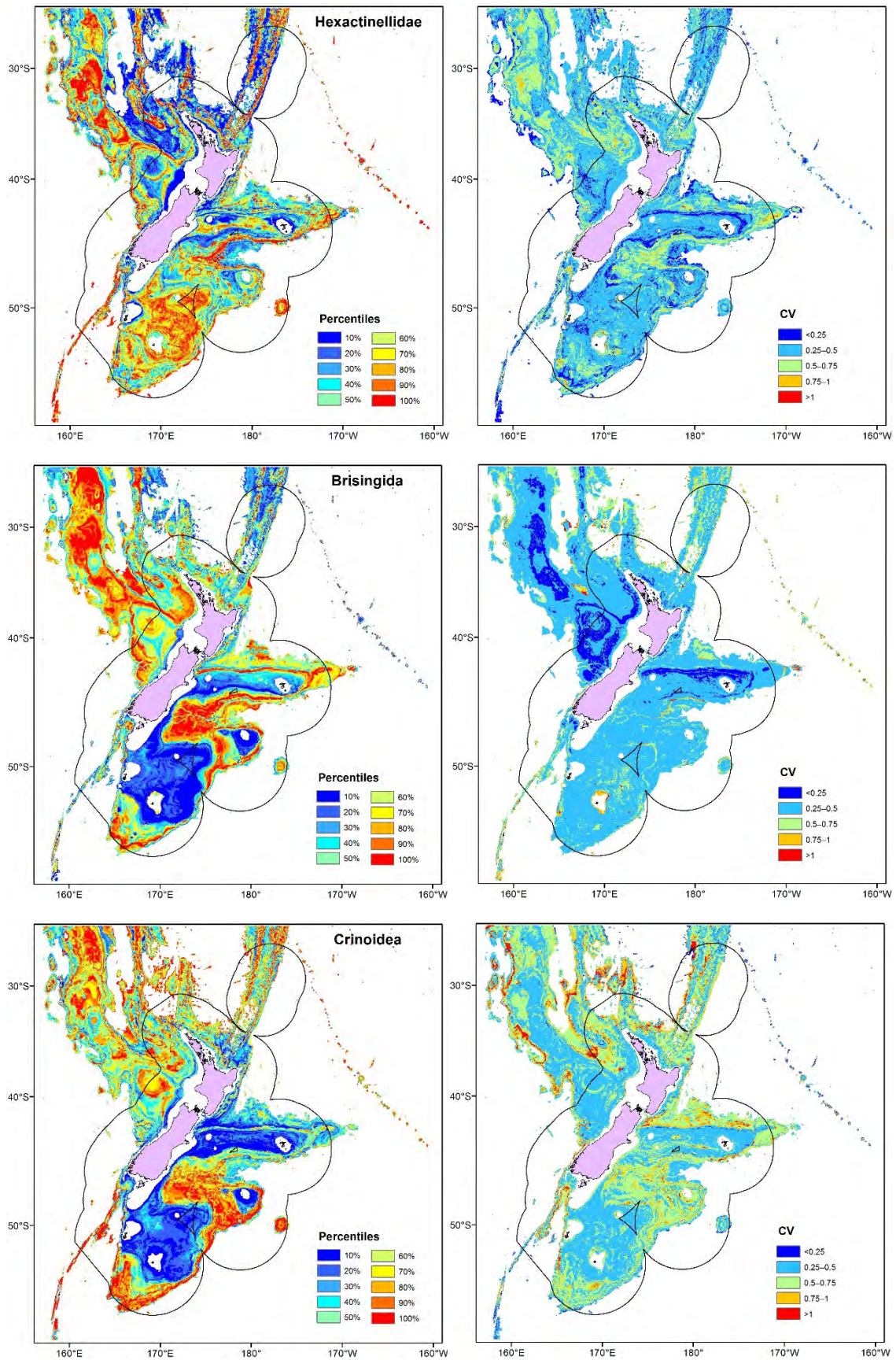


Figure A1—continued

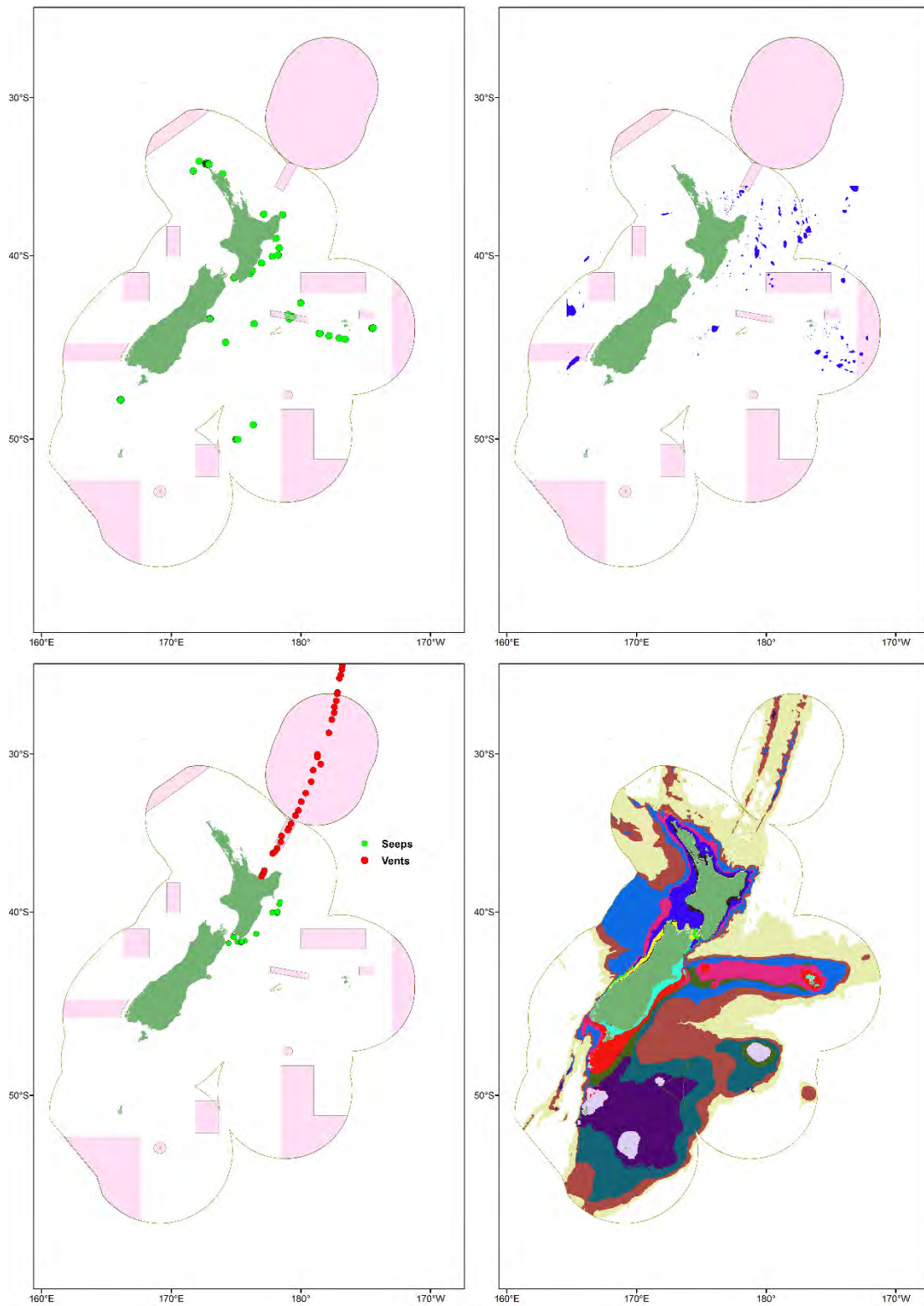


Figure A2: Top: location of threatened species records (left), and seamounts (right); bottom: seep and vent locations (left), BOMECC classes (right).

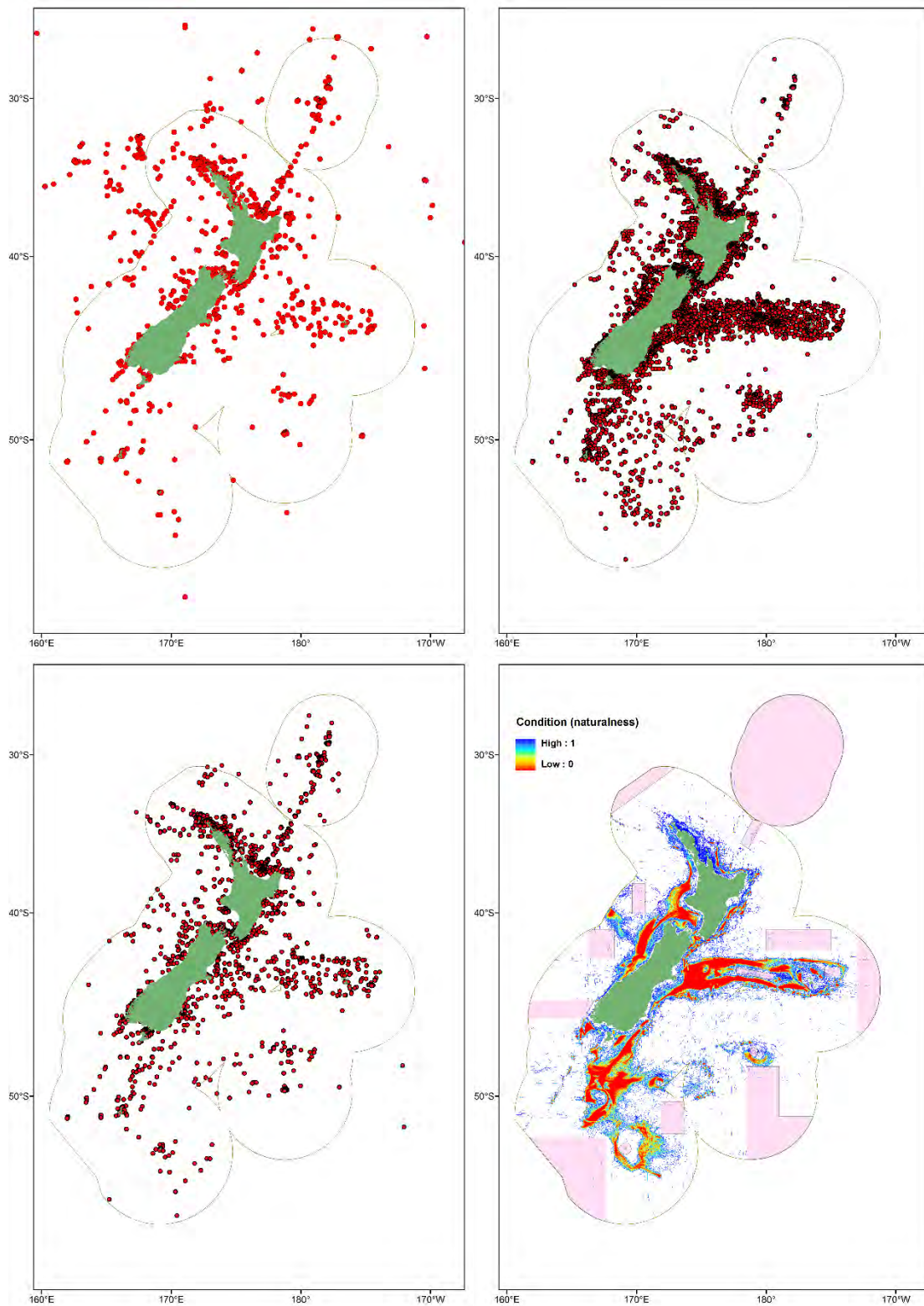


Figure A3: Top: location of species with only a single recorded capture (left), location of records of endemic species (right); bottom: location of records of species with restricted distributions, habitat condition layer (naturalness) (right).

APPENDIX B

Input layers for the Chatham/Challenger Zonation analysis.

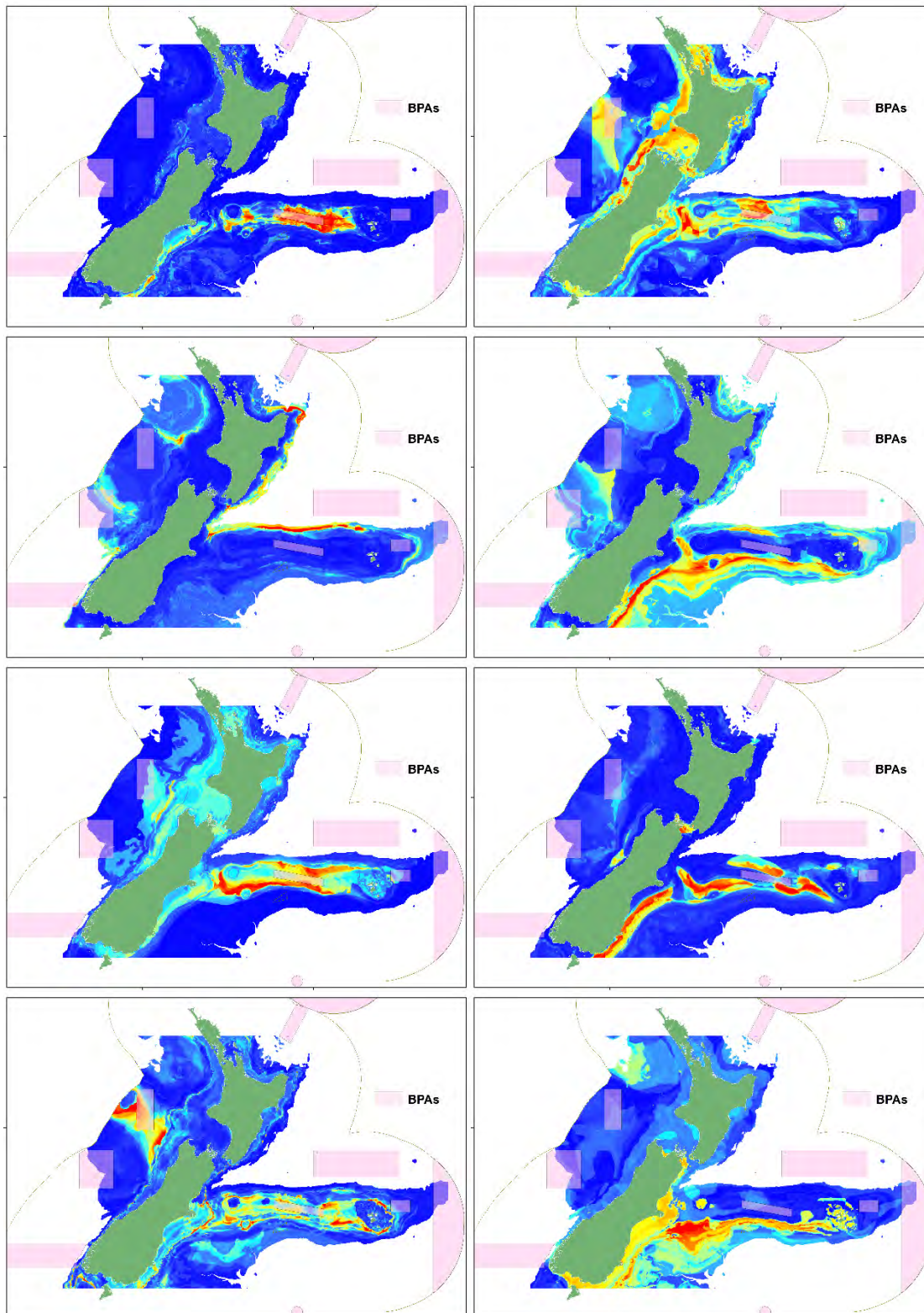


Figure B1: Boosted Regression Tree model outputs (predicted habitat suitability) for invertebrate taxa (Compton et al. 2013). Top to bottom, left to right: *Amphiura lanceolata*, Anemone2, Anemone3, Anemone5, Anemone7, *Anthomastus*, Bryozoan_bushy, Buccinidae.

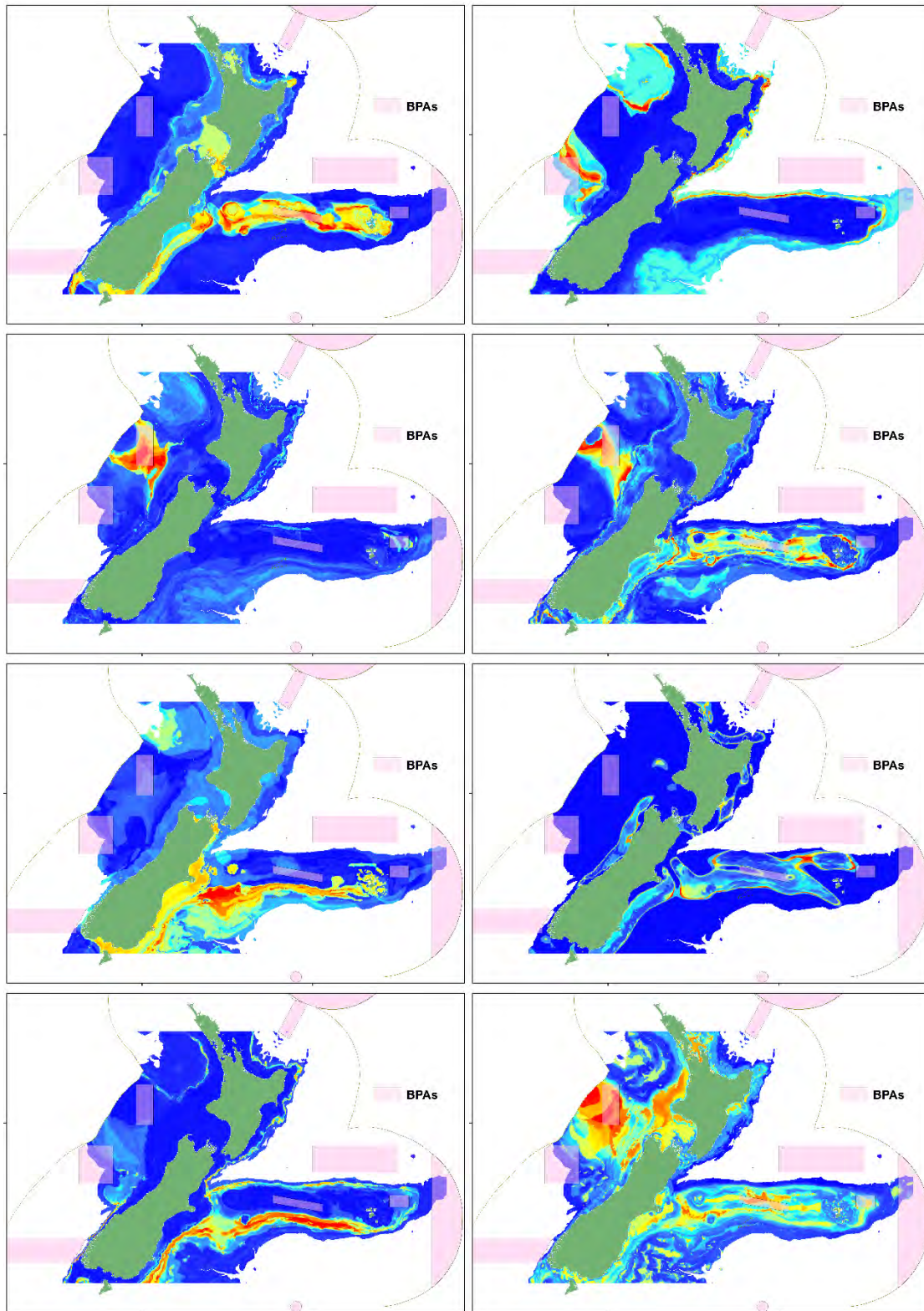


Figure B1—continued. Top to bottom, left to right: *Carcinoplax victoriensis*, Cidaridae, Corallimorpharia1, Crab, *Enypniastes eximia*, Flabellum3, Galatheidae, *Geodia regi*.

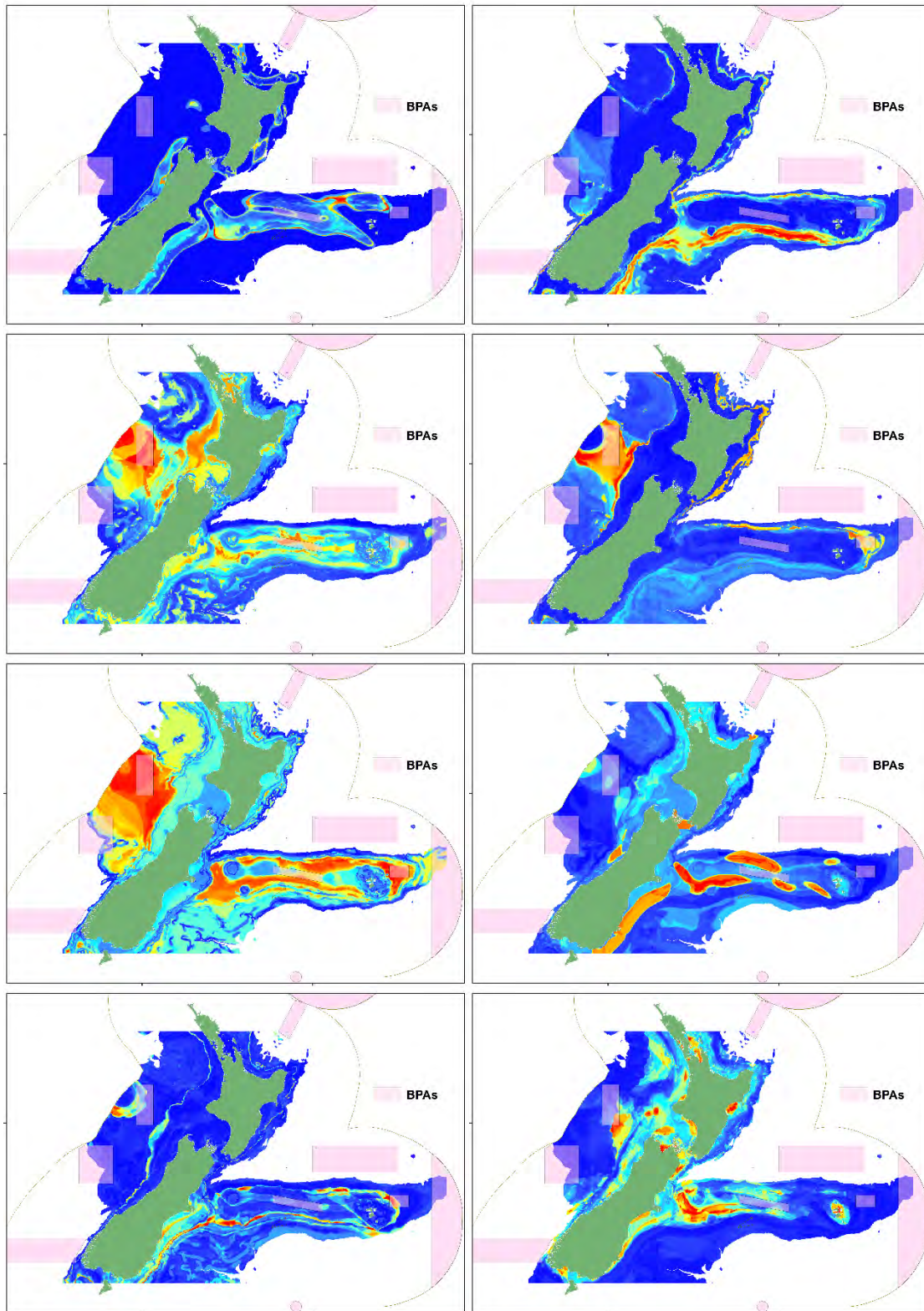


Figure B1—continued. Top to bottom, left to right: *Goniocidaris*, *Echinus multidentatus*, *Hyalinoecia longibrachiata*, *Hyalonema*, Hydroida, *Kinbergonuphis proalopus*, Laetmogonidae, *Maldane theodori*.

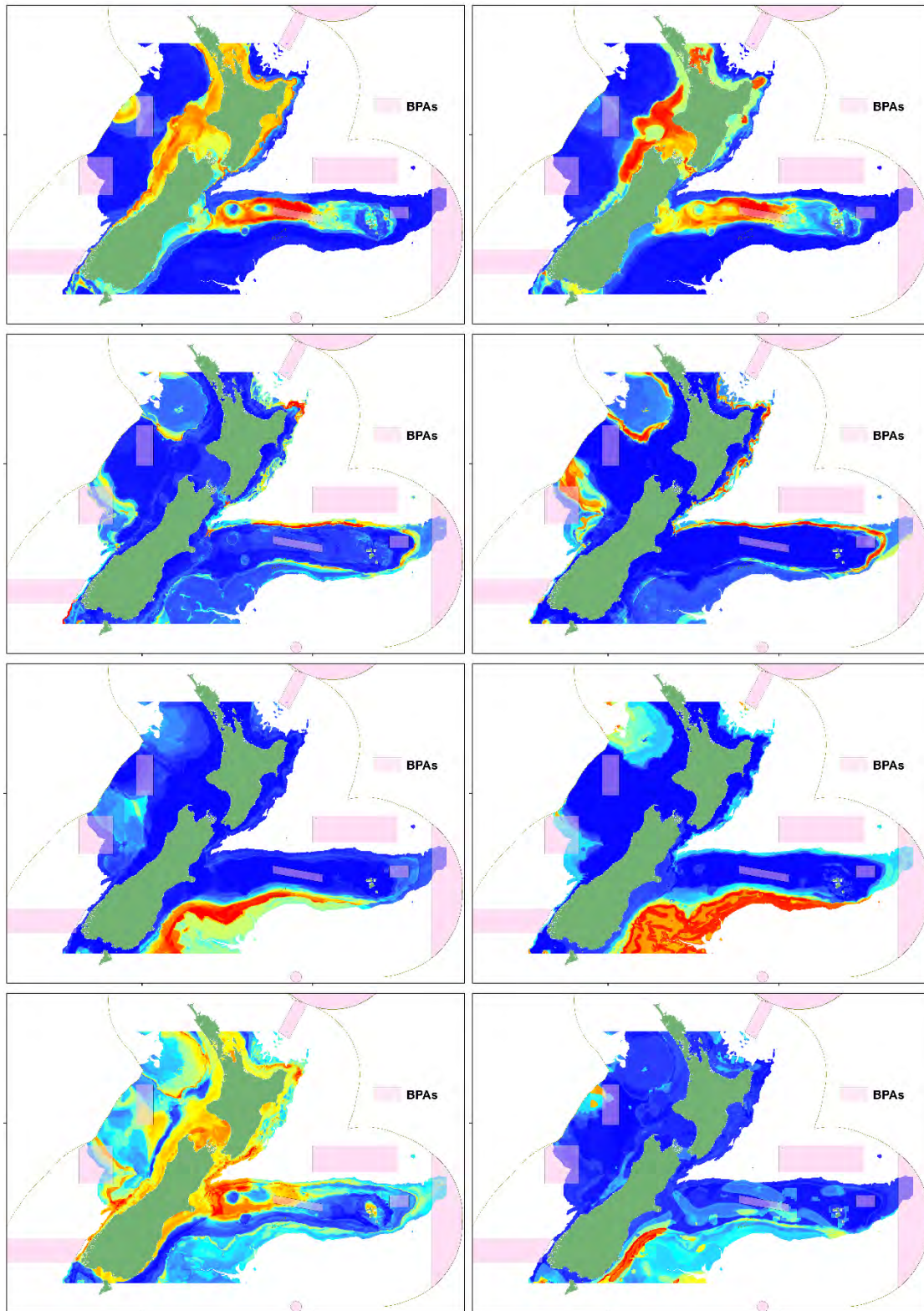


Figure B1—continued. Top to bottom, left to right: *Metanephrops challengeri*, *Munida gracilis*, *Nassarius ephamillus*, *Nematocarcinus*, *Neaulaxinia persicum*, *Ophiomusium lymani*, Ophiurida, Ophiuroid.

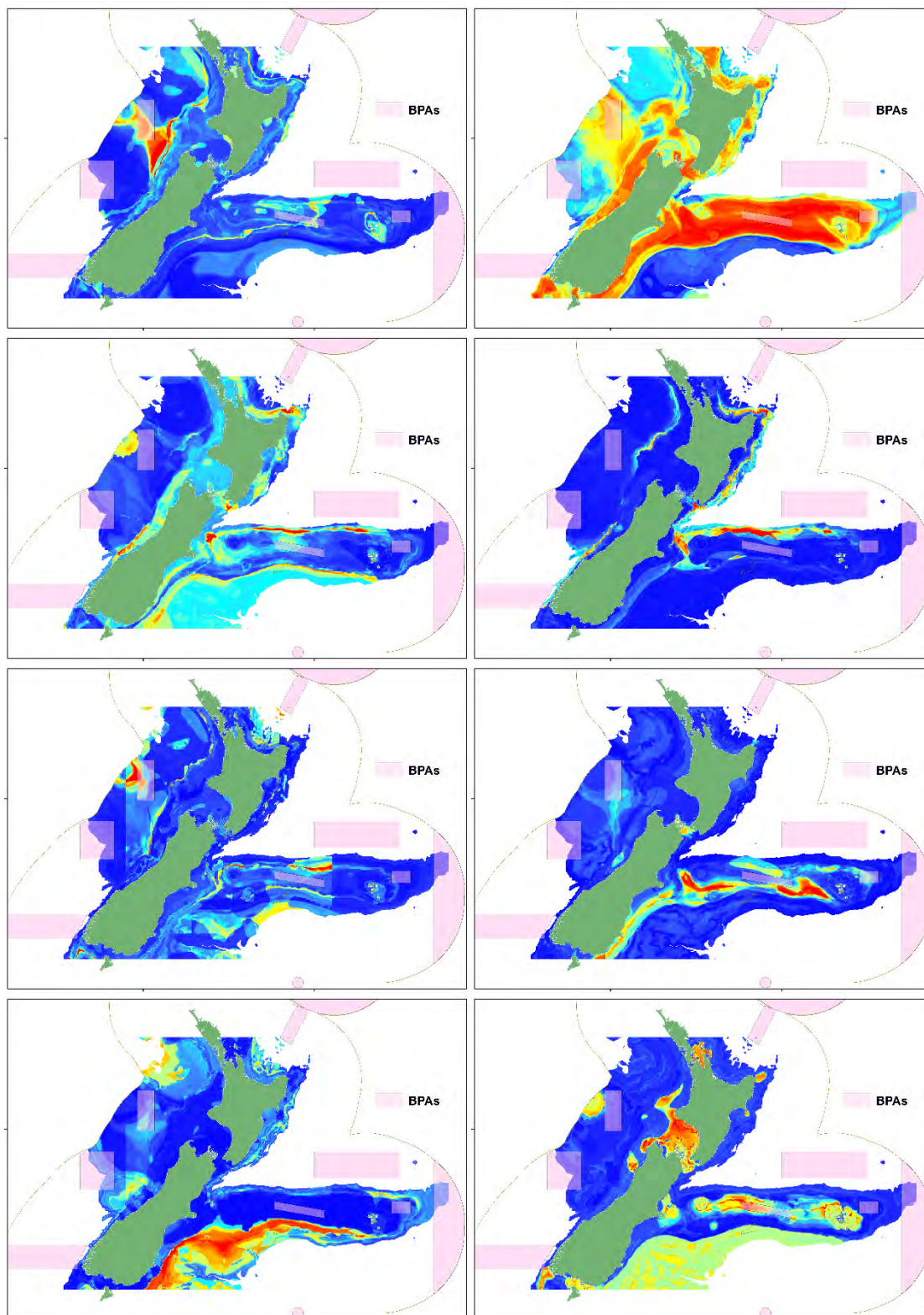


Figure B1—continued. Top to bottom, left to right: Opisthobranch, Pagurid, *Penion*, Pennatulacea1, Pennatulacea5, *Phormosoma bursarium*, *Pseudostichopus*, *Psilaster acuminatus*.

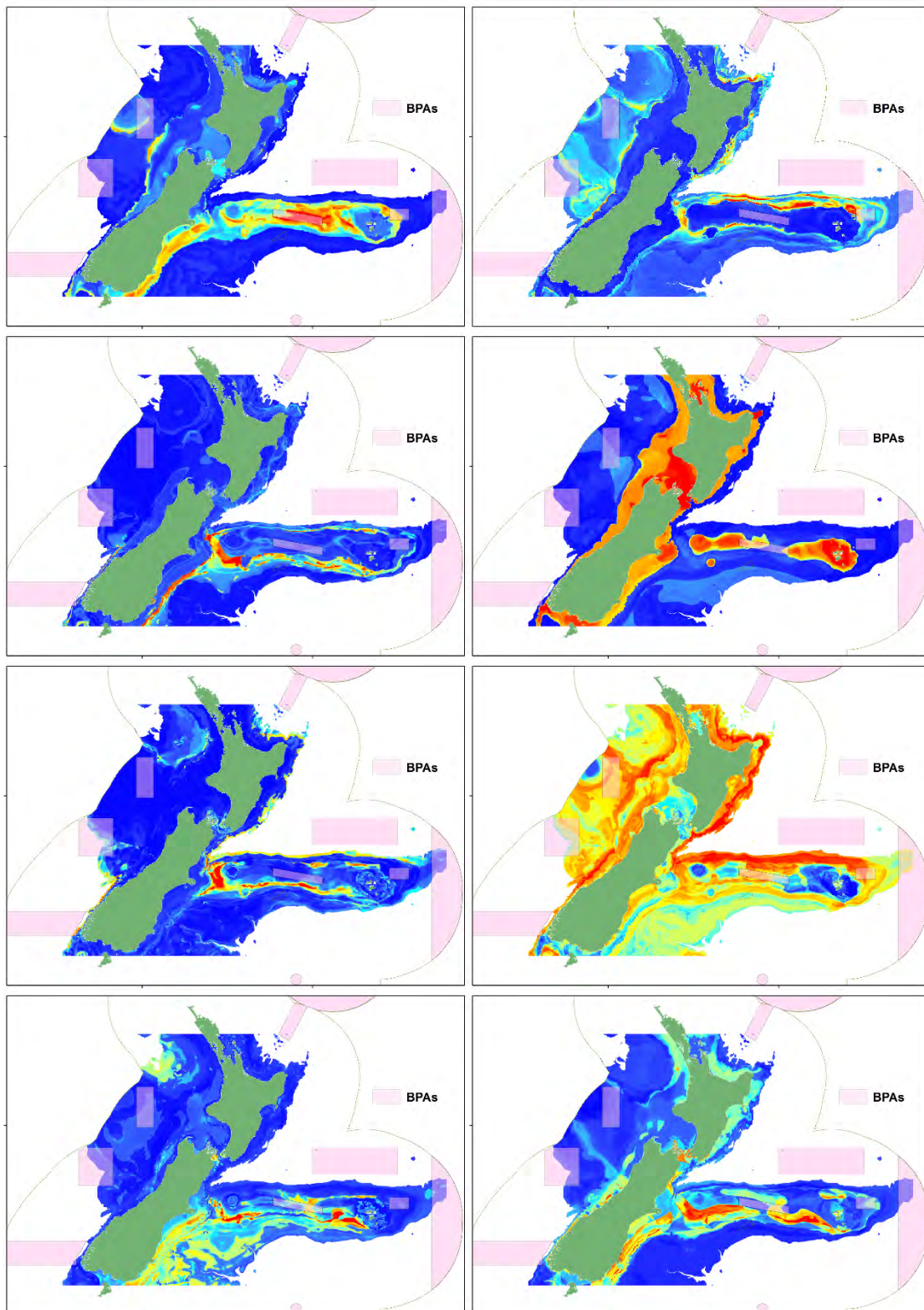


Figure B1—continued. Top to bottom, left to right: *Pycnoplax victoriensis*, *Radicipes*, Ranellidae, Scaphapoda, Serolidae, Shrimp, Solasteridae, Spatangidae.

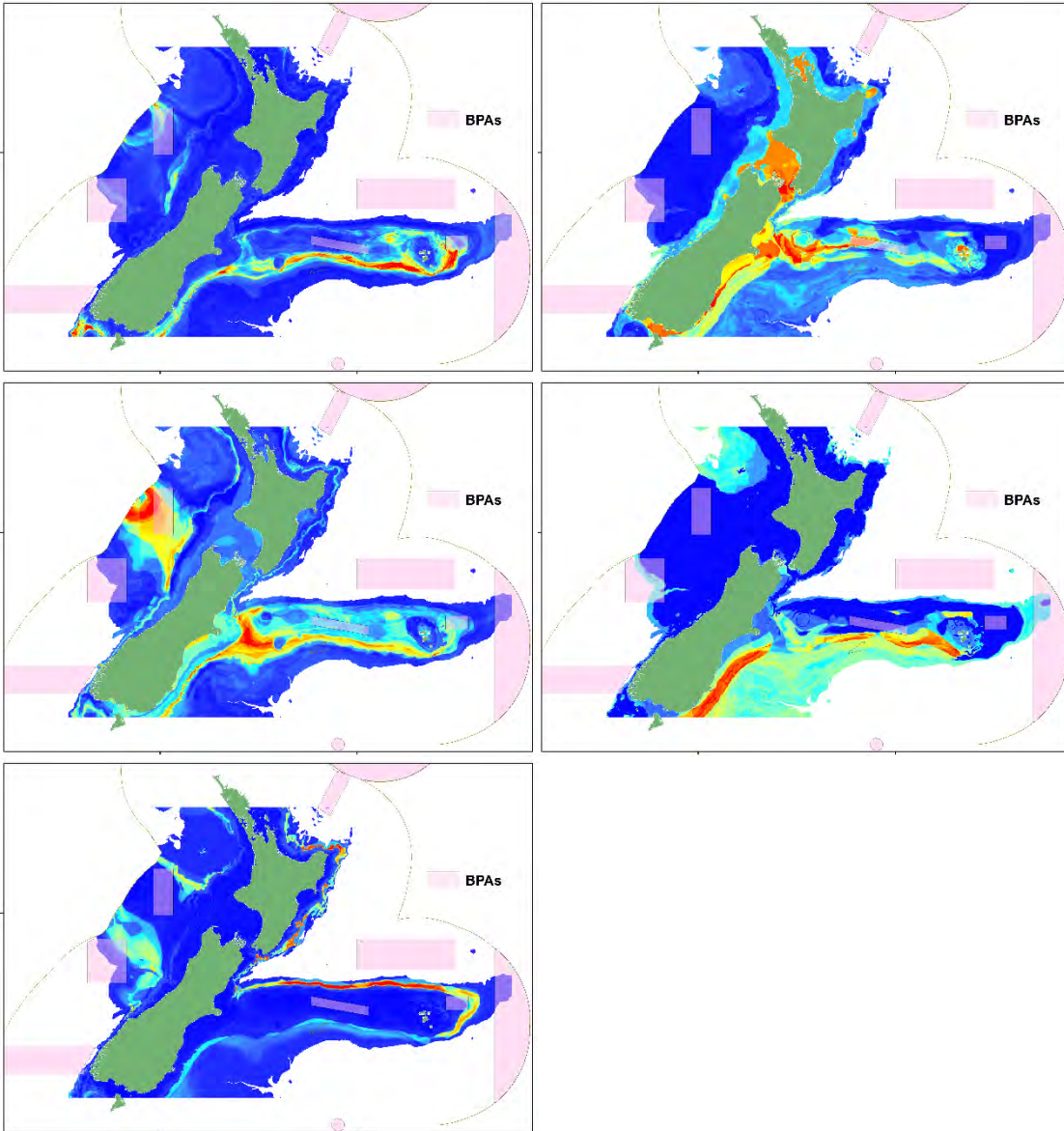


Figure B1—continued. Top to bottom, left to right: *Sympagurus dimorphus*, *Taiaroa tuahou*, Volutidae, *Ypsilothuria bidentaculata*, Zoanthidae.

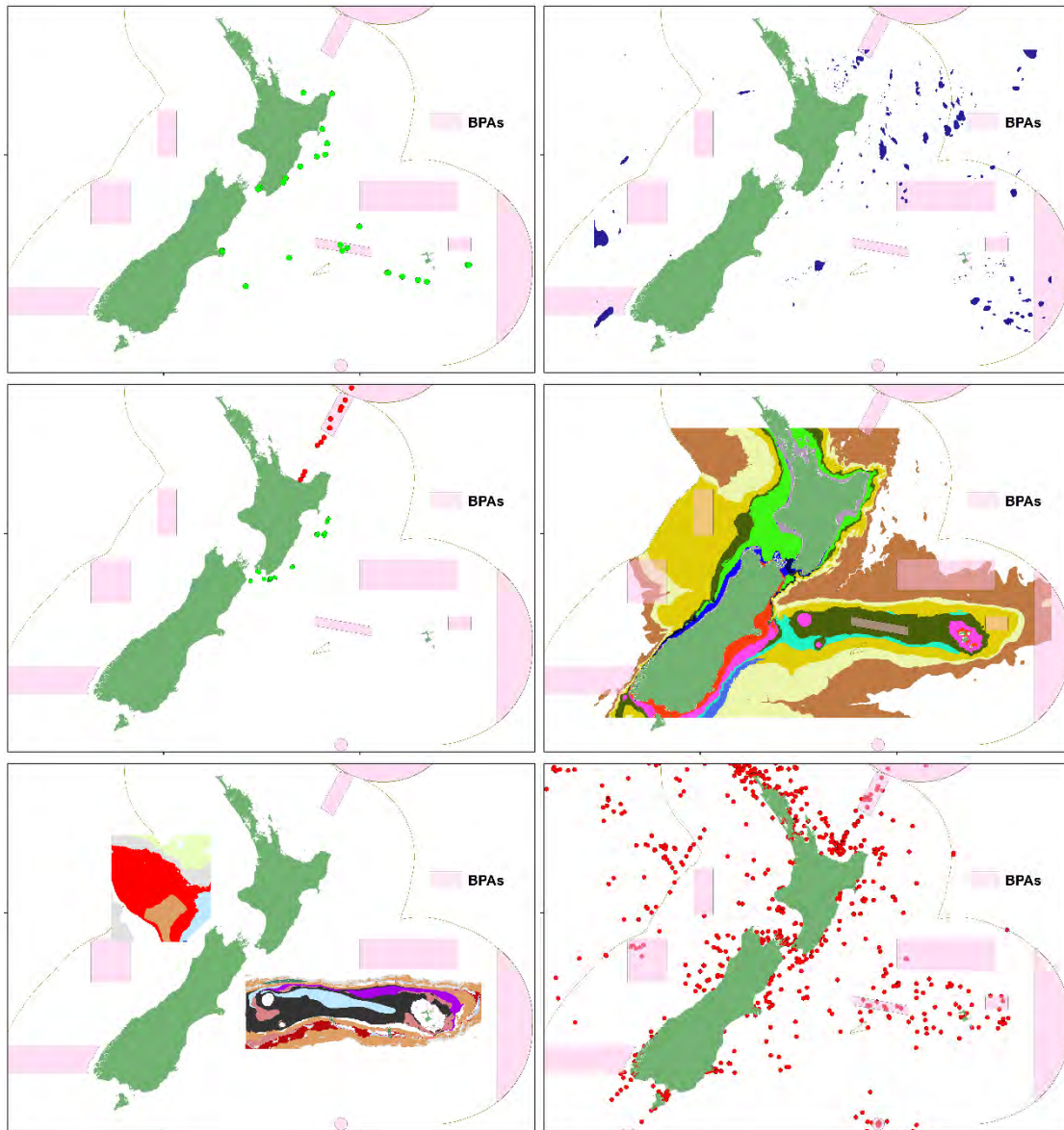


Figure B2: Top to bottom, left to right: location of threatened species records, seamount locations, seep and vent locations, BOMEC classes, biotic habitat classes, location of species with only a single recorded capture.

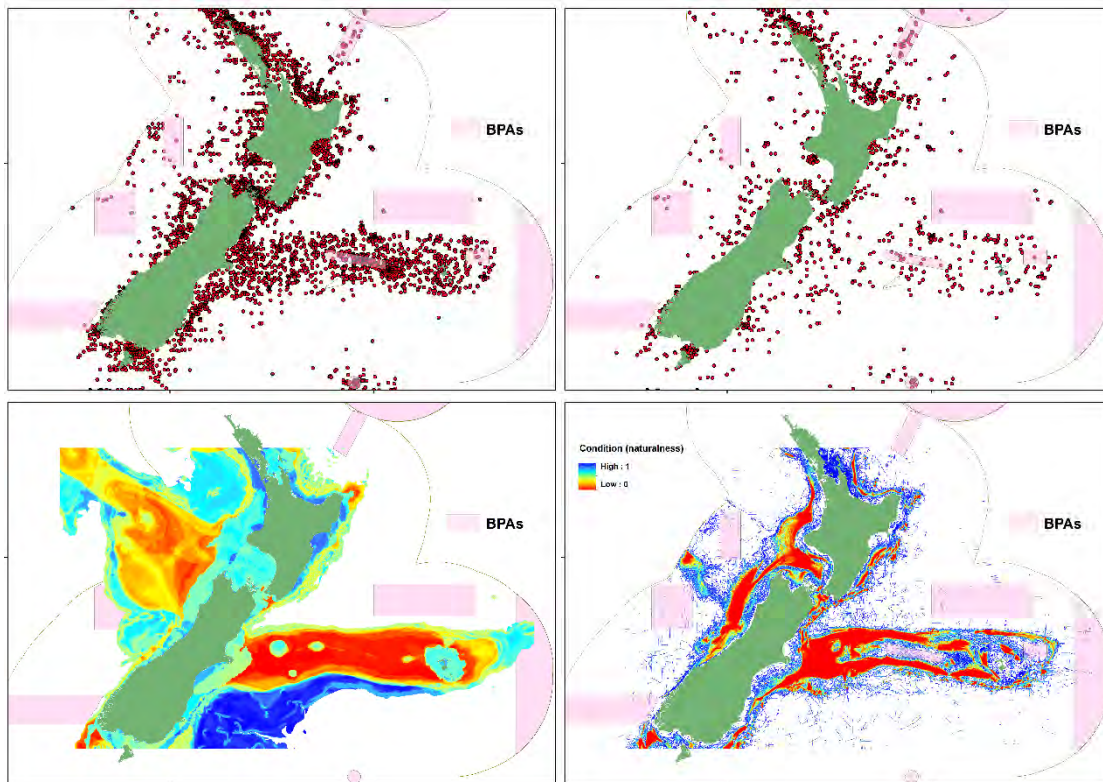


Figure B3: Top to bottom, left to right: location of records of endemic species; location of records of species with restricted distributions, species richness (Shannon-Wiener index), habitat condition layer (naturalness).

APPENDIX C:

BPA species composition, summarising the number of lots and number of specimens per seamount. There are four tables, divided by western, Kermadec, Chatham Rise, and Southern regions. Undet - not determined, indet. – not able to be determined further, cf. - compare with, n.sp. – new species, ? - uncertain identification.

Western BPAs

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens			
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region	Western BPAs	All Region	Western BPAs		
Annelida	Polychaeta	Eunicida	Onuphidae	<i>Hyalinoecia</i>	<i>longibranchiata</i>	3				8				3	8				
					<i>Rhamphobranchium</i>														
					<i>averincevi</i>	2				2						2	2		
					Phyllodocida	Aphroditidae	<i>Aphrodita</i>			1			1					1	1
							undet.		1			1					1	1	
					Phyllodocidae	Polynoidae	undet.	undet.	undet.					1				1	1
					Sabellida	Sabellariidae	undet.	undet.	undet.					3				2	3
					Scolecida	Capitellidae	undet.	undet.	undet.			1		1				1	1
					Scolecida	Maldanidae	undet.	undet.	<i>Bogoea</i>			2				2		2	2
					Scolecida	Opheliidae	undet.	undet.	undet.			1				1		1	1
Scolecida	Paraonidae	undet.	undet.	undet.			2				2		2	2					
Scolecida	Poecilochaetidae	undet.	undet.	undet.			1				1		1	1					
Scolecida	Spionidae	undet.	undet.	undet.			3				3		3	3					
Scolecida	Terebellida	undet.	undet.	undet.			1				1		1	1					
Scolecida	Cirratulidae	undet.	undet.	undet.			1				1		1	1					
Arthropoda	Branchiopoda	Cladocera	undet.	undet.	undet.			2					2	2					
Arthropoda	Malacostraca	Amphipoda	undet.	undet.	undet.														

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens	
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region	Western BPA	All Region	Western BPA
			Phoxocephalidae	<i>Harpinia</i>	<i>palabria</i>		1				2			1		2	
				<i>Harpinia</i>			1				1			1		1	
				<i>Joubinella</i>	<i>traditor</i>		1				1			1		1	
			Phoxocephalidae undet.				2				2			2		2	
			Urothoidae	<i>Carangolia</i>	<i>pulciformis</i>		1				1			1		1	
				<i>Carangolia</i>			1				1			1		1	
	Amphipoda undet.		Acanthephyriidae	<i>Acanthephyra</i>	<i>pelagica</i>	1	4		1	1	4		1	6		6	
	Decapoda			<i>Acanthephyra</i>	<i>quadrispinosa</i>		1	2			1	2		3		3	
				<i>Meningodora</i>					1				1	1		1	
				<i>Notostomus</i>	<i>auriculatus</i> aff. <i>westergreni</i>				1				1	1		1	
				<i>Notostomus</i>	<i>westergreni</i>			1				1		1		1	
				<i>Notostomus</i>		1				1				1		1	
			Benthescymidae	<i>Benthescymus</i>			1				1			1		1	
				<i>Gennadas</i>	<i>gilchristi</i>	1		1		1		1		2		2	
				<i>Gennadas</i>		1				1				1		1	
			Campylonotidae	<i>Campylonotus</i>	<i>rathbunae</i>	2					5			2		5	
			Chirostylidae	<i>Uroptychus</i>	<i>bicavus</i>				1				1	1		1	
				<i>Uroptychus</i>	<i>tracey</i>			1				1		1		1	
			Crangonidae	<i>Aegaeon</i>	<i>lacazei</i>	1				1				1		1	
				<i>Metacrangon</i>	<i>teina</i>	2				6				2		6	
				<i>Parapontophilus</i>	<i>junceus</i>	3				109				3		109	
				<i>Philocheras</i>	<i>acutirostratus</i>	1				45				1		45	
				<i>Prionocrangon</i>	<i>curvicaulis</i>	1				1				1		1	
			Goneplacidae	<i>Pycnoplax</i>	<i>victoriensis</i>	1				1				1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens			
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region	Western BPA	All Region	Western BPA		
			Hippolytidae	<i>Merhippolyte</i>	<i>chacei</i>	1					1				1		1		
			Munididae	<i>Munida</i>	<i>gracilis</i>	3					53				3		53		
			Nematocarcinidae	<i>Lipkius</i>	<i>holthuisi</i>	2					2				2		2		
				<i>Nematocarcinus</i>	<i>novaezealandiae</i>			1				4				1		4	
			Oplophoridae	<i>Oplophorus</i>	<i>spinosus</i>	1	1	5			1	1	5			7		7	
				<i>Systellaspis</i>	<i>debilis</i>				1	1				1	1		2		2
				<i>Systellaspis</i>	<i>pellucida</i>			1					1			1		1	
				Oplophoridae undet.			1					1				1		1	
			Paguridae	<i>Lophopagurus</i>	<i>stewarti</i>	1					1				1		1		
			Paguridae undet.		<i>magnoculus</i>	1		1			1		1		2		2		
			Pandalidae	<i>Notopandalus</i>	<i>us</i>	1					3				1		3		
				<i>Plesionika</i>	<i>martia</i>	4						5				4		5	
			Pasiphaeidae	<i>Alainopasiphaea</i>	<i>australis</i>	2					31				2		31		
				<i>Eupasiphaea</i>	<i>gilesii</i>				2					2		2		2	
				<i>Pasiphaea</i>	<i>notosivado</i>	1						3				1		3	
				<i>Pasiphaea</i>		2						2				2		2	
			Pasiphaeidae undet.			2			1		2			1	3		3		
			Penaecidae	<i>Funchalia</i>		1		1			1		1		2		2		
			Polychelidae	<i>Pentacheles</i>	<i>validus</i>			1					2		1		2		
				<i>Stereomastis</i>	<i>suhmi</i>	1					1				1		1		
			Portunidae	<i>Ovalipes</i>	<i>molleri</i>				1					1	1		1		
			Sergestidae	<i>Eusergestes</i>	<i>arcticus</i>	1	1	2			3	1	2		4		6		
				<i>Sergestes</i>	sp. A				1					1	1		1		
				<i>Sergestes</i>	sp. B				1					1	1		1		
				<i>Sergestes</i>	sp. C				1					1	1		1		
				<i>Sergestes</i>	sp. D				1					1	1		1		
				<i>Sergia</i>	<i>potens</i>			1					1		1		1		

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens	
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region	Western BPA	All Region	Western BPA
			Sergestidae undet.			3				3				3		3	
			Trichopeltariidae	<i>Pteropeltarion</i>	<i>novaezelandiae</i>	1				1				1		1	
		Anomura					1				1			1		1	
		Decapoda undet.					4		1		31		1	5		32	
		Euphausiacea	Euphausiidae	<i>Euphausia</i>	<i>gibba</i>	1				1				1		1	
				<i>Euphausia</i>	<i>longirostris</i>	1				1				1		1	
				<i>Euphausia</i>	<i>similis similis</i> var.	2				2				2		2	
				<i>Euphausia</i>	<i>armata</i>	1		2		1		2		3		3	
				<i>Euphausia</i>	<i>spinifera</i>	3				3				3		3	
				<i>Nematobrachion</i>				1				1		1		1	
				<i>Nematoscelis</i>	<i>megalops</i>	2		3		2		3		5		5	
				<i>Nyctiphanes</i>	<i>australis</i>	1				1				1		1	
				<i>Thysanopoda</i>	<i>pectinata</i>				1				1	1		1	
		Euphausiacea undet.	Euphausiidae undet.			1		1				1		1		1	
		Isopoda	Cirolanidae	<i>Natatolana</i>	<i>woodjonesi</i>						200			1		200	
				<i>Natatolana</i>			1					1		1		1	
				<i>Natatolana</i>			2	1				13	1	3		14	
			Cirolanidae undet.				1					1		1		1	
			Desmosomatidae				4					61		4		61	
			Haplonicidae	<i>Chauliodoniscus</i>	<i>tasmanicus</i>		2					14		2		14	
				<i>Haplonicus</i>	<i>piestus</i>		2					4		2		4	
				<i>Haplonicus</i>	<i>saphos</i>		2					3		2		3	
				<i>Haplonicus</i>	<i>silus</i>		4					10		4		10	
				<i>Haplonicus</i>	<i>tangaroae lobocephalus</i>		1					3		1		3	
				<i>Hydrioniscus</i>			2					4		2		4	
			Haplonicidae undet.				5					5		5		5	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens	
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region	Western BPA	All Region	Western BPA
			Ilyarachnidae				5				5			5		5	
			Ischnomesidae				5				26			5		26	
			Janirellidae				1				13			1		13	
			Janiridae				2				2			2		2	
			Macrostylidae														
				<i>Macrostylis</i>	n. sp.		1				1			1		1	
				<i>Macrostylis</i>	sp. (Chall Plat # 1)		1				1			1		1	
			Macrostylidae undet.				2				6			2		6	
			Mesosignidae														
				<i>Mesosignum</i>			2				5			2		5	
			Munnidae				1				2			1		2	
			Munnopsidae														
				<i>Bathybadistes</i>	<i>andrewsi</i>		2				11			2		11	
				<i>Pseudarachna</i>	<i>nohinohi</i>		1				2			1		2	
			Munnopsidae undet.				2				3			2		3	
			Nannoniscidae														
				<i>Hebefustis</i>			1				1			1		1	
			Paramunnidae														
				<i>Pentaceration</i>			1				2			1		2	
				<i>Pleurosignum</i>			5				18			5		18	
			Serolidae														
				<i>Brucerolis</i>			1				2			1		2	
				<i>Caecoserolis</i>							1			1		1	
				<i>Myopiarolis</i>	<i>tona</i>			1				1		1		1	
			Isopoda undet.				6				6			6		6	
			Lophogastrida														
				Eucopiidae	<i>Eucopia</i>		1				1			1		1	
				Lophogastridae	<i>Neognathophausia</i>			1	1			1	1	2		2	
			Mysida														
				Mysidae	<i>Hansenomysis</i>									1		1	
			Mysida undet.				1				1			1		1	
			Maxillopoda														
				Pedunculata													
				Lepadidae	<i>Conchoderma</i>	<i>virgatum affibricatum</i>			1				1	1		1	
				Scalpellidae	<i>Arcoscalpellum</i>	<i>pertosum intermedium</i>		1				3		1		3	
					<i>Litoscalpellum</i>	<i>um</i>			1			1		1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens			
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Western Region BPAs	Western Region BPAs	All Western Region BPAs	Western Region BPAs		
Arthropoda undet.	Maxillopoda undet.	Tantulocarida	Deotertheridae	<i>Deoterthron</i>	<i>aselloicola</i>		1				1				1		1		
		Pycnogonida Crustacea undet.	Pantopoda	Ascorhynchidae	<i>Ascorhynchus</i>	<i>cooki</i>	1	2		1	1	2		1		4		4	
	Brachiopoda undet.	Articulata	Rhynchonellida	Cryptoporidae	<i>Cryptopora</i>			1			1				1		1		
			Terebratulida	Dyscolidae Terebratulidae	<i>Abyssothyris</i> <i>Liothyrella</i>	<i>wyvillei</i> <i>neozelanic</i>		2				18			1		2	18	
Brachiopoda undet.	Inarticulata	Lingulata	Discinidae	<i>Pelagodiscus</i>	<i>atlanticus</i>		2			2					2		2		
							2			2				2		2		2	
Bryozoa	Gymnolaemata	Cheilostomata	Batoporidae	<i>Batopora</i>	<i>pulchrior</i> <i>proboscidea</i>		2				2				2		2		
			Beaniidae	<i>Beania</i>			2				2					2		2	
			Beaniidae undet.				1				1					1		1	
			Bitectiporidae	<i>Hippoporina</i>	<i>retepora</i>					1					1		1		1
			Bugulidae	<i>Kinetoskias</i>	<i>elongata</i> <i>spinosissima</i>			1				1					1		1
			Calloporidae	<i>Corbulella</i>						1					1		1		1
			Cellariidae	<i>Euginoma</i>	<i>conica</i>			3				3					3		3
			Cellariidae undet.					1				1					1		1
			Celleporidae	<i>Galeopsis</i>			1					1					1		1
			Conescharellinidae	<i>Crucescharellina</i>	<i>jugalis</i>			2				2					2		2
				<i>Trochosodon</i>	<i>mosaicus</i>			2				2					2		2
				<i>Trochosodon</i>	<i>urnalis</i>			2				2					2		2
			Foveolariidae	<i>Foveolaria</i>	<i>elliptica</i>		1					1					1		1
Microporidae	<i>Opaeophora</i>	<i>monopia</i>		1					1					1		1			
Petraliidae	<i>Riscodopa</i>	<i>parva</i>			2				2					2		2			
Phidoloporidae	<i>Chevron</i>	<i>prestoni</i>			1				1					1		1			

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens	
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region	Western BPA	All Region	Western BPA
			Smittinidae	<i>Hemismittoidea</i>					1						1		1
	Stenolaemata	Cyclostomata	Diaperoeciidae	<i>Diaperoecia</i>		1				1					1		1
			Oncousoecidae	<i>Oncousoecia</i>		1				1					1		1
			Tubuliporidae	<i>Idmidronea</i>		1				1					1		1
Bryozoa undet.							2				2				2		2
Cephalorhyncha	Priapulida					1	1			1	1				2		2
Chordata	Asciacea [Tunicates] Ascidiacea undet.	Enterogona Aplousobranchia	Polyclinidae	<i>Synoicum</i>	<i>stewartense</i>			1			1				1		1
						1				1					1		1
Cnidaria	Anthozoa	Actiniaria	Hormathiidae				1				1				1		1
		Actiniaria undet.					2				2				2		2
		Alcyonacea	Alcyoniidae	<i>Heteropolypus</i>				1				1			1		1
			Chrysogorgiidae	<i>Chrysogorgia</i>					1			1			1		1
			Isididae	<i>Keratoisis</i>	<i>glaesa</i>				1				1		1		1
				<i>Keratoisis</i>					1				1		1		1
			Keratoisidinae (subfam.)			1				1					1		1
			Alcyonacea undet.			1				1					1		1
			Gorgonacea undet.				1				1				1		1
		Antipatharia	Schizopathidae	<i>Bathypathes</i>					1				1		1		1
		Corallimorpharia	Corallimorphidae	<i>Corallimorphus</i>	<i>niwa</i>			1					1		1		1
				<i>Corallimorphus</i>	<i>rigidus</i>	1				1					1		1
		Pennatulacea	Funiculinidae			1				3					1		3
			Pennatulidae	<i>Pennatula</i>		1				1					1		1
			Umbellulidae	<i>Umbellula</i>			1				1				1		1
		Pennatulacea undet.					1				1				1		1
		Scleractinia	Caryophylliidae	<i>Caryophyllia</i>	<i>ambrosia</i>	1				4					1		4
				<i>Caryophyllia</i>		1				3					1		3

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens	
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region	Western BPA	All Region	Western BPA
				<i>Rosaster</i>	<i>endilius</i>				1					1		1	
			Odontasteridae	<i>Odontaster</i>	<i>aucklandensis</i>	1				2				1		2	
		Velatida	Myxasteridae	<i>Asthenactis</i>	<i>australis</i>			1				1		1		1	
			Pterasteridae	<i>Hymenaster</i>				3			3			3		3	
	Asteroidea undet.								1				3	1		3	
	Crinoidea	Bourgueticrinida	Bourgueticrinidae	<i>Democrinus</i>	<i>aoteanus</i>	4					8			4		8	
	Crinoidea undet.				<i>multidentatus</i>			1						1		1	
	Echinoidea	Camarodonta	Echinidae	<i>Gracilechinus</i>				1					5	1		5	
		Diadematoida	Aspidodiadematidae	<i>Aspidodiadema</i>	<i>tonsum</i>				1					2	1	2	
		Echinothurioida	Echinothuriidae	<i>Araeosoma</i>				1					1	1		1	
				<i>Sperosoma</i>				4					7	4		7	
			Phormosomatidae	<i>Phormosoma</i>	<i>bursarium</i>	2					2			2		2	
				<i>Phormosoma</i>		2		1			2	1		3		3	
		Spatangoida	Brissidae	<i>Brissopsis</i>	<i>oldhami</i>	1					1			1		1	
				<i>Gymnopatagus</i>	<i>magnus</i>	1					3			1		3	
			Spatangidae			1					1			1		1	
	Echinoidea undet.							2					2	2		2	
	Holothuroidea	Aspidochirotida	Synallactidae	<i>Bathyplores</i>		1					1			1		1	
		Elasipodida	Elpidiidae	<i>Peniagone</i>	<i>azorica</i>	1					136			1		136	
				<i>Peniagone</i>		1					5			1		5	
	Holothuroidea undet.							2					2	2		2	
	Ophiuroidea	Euryalida	Asteronychiidae	<i>Asteronyx</i>	<i>loveni</i>			1					4	1		4	
		Ophiurida	Amphiuridae			1					1			1		1	
			Ophiacanthidae	<i>Ophiophthalmus</i>	<i>relictus</i>			2					6	2		6	
			Ophiolepididae	<i>Ophiomusium</i>	<i>lymani</i>			2					7	2		7	
				<i>Ophiomusium</i>				2					2	2		2	
			Ophioleucidae	<i>Ophiernus</i>	<i>vallinicola</i>			2					10	2		10	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens	
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region	Western BPA	All Region	Western BPA
			Ophiomyxidae	<i>Ophioscolex</i>	n. sp. (MoV 2721)		1				2			1		2	
			Ophiuridae	<i>Amphiophiura</i>	<i>bullata convexa</i>		1				1			1		1	
				<i>Ophiocten</i>	<i>hastatum</i>		3				3			3		3	
				<i>Ophiotypa</i>	<i>simplex</i>		2				5			2		5	
				<i>Ophiura</i> (<i>Ophiuroglypha</i>)	<i>verrucosa</i>		1				2			1		2	
				<i>Ophiura</i> (<i>Ophiura</i>)	<i>ooplax</i>			2			2			2		2	
				<i>Stegophiura</i>	<i>lapidaria</i>				1				3	1		3	
	Asterozoa (subclass) undet.						5		1		5		1	6		6	
Entoprocta							1				1			1		1	
Foraminifera	Granuloreticulosea	Foraminiferida	Globigerinidae	<i>Globigerina</i>			1				1			1		1	
	Xenophyophorida		Syringamminidae	<i>Syringammina</i>	<i>tasmanensis</i>						3			3		3	
	Xenophyophorida undet.						1				1			1		1	
Mollusca	Aplacophora						1				1			1		1	
	Bivalvia	Arcida	Arcidae	<i>Bathyarca</i>			2				2			2		2	
			Limopsidae	<i>Pectunculina</i>			1				1			1		1	
		Heterodonta (unassigned)	Cuspidariidae	<i>Cuspidaria</i>			5				5			5		5	
			Lyonsiellidae	<i>Lyonsiella</i>			1				1			1		1	
			Poromyidae	<i>Poromya</i>	sp. 2		2				2			2		2	
			Verticordiidae	<i>Haliris</i>			1				1			1		1	
		Lucinida	Thyasiridae				2				2			2		2	
		Mytilida	Mytilidae	<i>Dacrydium</i>			2				2			2		2	
		Nuculanida	Mallettiidae				1				1			1		1	
			Nuculanidae	<i>Ledella</i>	sp. 1		1				1			1		1	
				<i>Ledella</i>	sp. 4		1				1			1		1	
				<i>Poroleda</i>			1				1			1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens	
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region	Western BPA	All Region	Western BPA
			Nuculanidae undet.				14				14			14		14	
		Nuculida	Nuculidae	<i>Austronucula</i>	<i>galathea</i>		2				2			2		2	
				<i>Ennucula</i>	<i>profundicola</i>		1				1			1		1	
				<i>Varinucula</i>	<i>tangaroa</i>		1				1			1		1	
		Pectinida	Anomiidae	<i>Monia</i>	<i>zelandica</i>	1				2				1		2	
			Pectinidae	<i>Cyclopecten</i>	<i>fluctuosus</i>		1				1			1		1	
				<i>Propeamussium</i>	<i>le</i>		1				3			1		3	
			Propeamussidae	<i>Cyclopecten</i>	<i>fluctuosus</i>		1				1			1		1	
		Venerida	Kelliellidae	<i>Kelliella</i>			2				2			2		2	
			Architeuthidae	<i>Architeuthis</i>	<i>dux</i>			1				1		1		1	
	Cephalopoda	Octopoda	Octopodidae	<i>Benthoctopus</i>	<i>tangaroa</i>		1				1			1		1	
		Octopoda undet.						1				1		1		1	
		Oegopsida	Brachioteuthidae	<i>Brachioteuthis</i>		1		2		1		2		3		3	
			Chiroteuthidae	<i>Chiroteuthis</i>	<i>veranyi</i>			1				1		1		1	
			Cranchiidae	<i>Leachia</i>		1				5				1		5	
				<i>Teuthowenia</i>	<i>pellucida</i>			2				2		2		2	
				<i>Teuthowenia</i>		1				1				1		1	
			Cranchiidae undet.			1		1		1		1		2		2	
			Enoploteuthidae			1		1		1		1		2		2	
			Gonatidae					1				1		1		1	
			Histioteuthidae	<i>Histioteuthis</i>	<i>atlantica</i>	1		1		1		1		2		2	
				<i>Histioteuthis</i>	<i>macrohista</i>	2		3		2		3		5		5	
				<i>Histioteuthis</i>	<i>miranda</i>	1				1				1		1	
				<i>Histioteuthis</i>				1				1		1		1	
			Lycoteuthidae					2				2		2		2	
			Mastigoteuthidae	<i>Mastigoteuthis</i>	<i>dentata</i>			1				1		1		1	
			Ommastrephidae			1				1				1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens		
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region
			Onychoteuthidae	<i>Notonykia</i>	<i>nesisi</i>			1				1		1
	Cephalopoda undet.							3				3		3
	Gastropoda	Caenogastropoda (unassigned)	Newtoniellidae	<i>Cerithiella</i>	<i>neozelanicus</i>		3			3		3		3
			Nystiellidae	<i>Iphitus</i>			1			1		1		1
			Nystiellidae undet.				1			1		1		1
			Turritellidae				2			2		2		2
		Cephalaspidea	Haminoeidae				1			1		1		1
			Retusidae	<i>Retusa</i>			1			1		1		1
			Scaphandriidae	<i>Scaphander</i>			1			1		1		1
		Heterobranchia (unassigned)	Acteonidae	<i>Neactaeonina</i>	sp. 1		1			1		1		1
				<i>Neactaeonina</i>			1			1		1		1
			Graphididae				3			3		3		3
			Pyramidellidae	<i>Turbonilla</i>			1			1		1		1
			Ringiculidae	<i>Ringicula</i>			1			1		1		1
		Lepetellida	Anatomidae	<i>Anatoma</i>	<i>xancliformis</i>		1			1		1		1
				<i>Anatoma</i>	sp. L		1			1		1		1
			Choristellidae	<i>Bichoristes</i>				1				1		1
			Lepetellidae	<i>Lepetella</i>			2			2		2		2
		Littorinimorpha	Capulidae	<i>Torellia</i>			1			1		1		1
			Elachisnidae				1			1		1		1
			Ficidae	<i>Thalassocyon</i>	<i>tui</i>		2			2		2		2
			Haloceratidae	<i>Haloceras</i>	sp. 3		1			1		1		1
			Naticidae	<i>Falsilunatia</i>	<i>powelli</i>				1			1		1
			Naticidae undet.				4			4		4		4
			Rastodontidae	<i>Rastodens</i>				1				1		1
			Rissoidae	<i>Benthonella</i>			4			4		4		4
			Rissoidae undet.				1			1		1		1

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens	
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region	Western BPA	All Region	Western BPA
		Neogastropoda	Borsoniidae	<i>Maoritomella</i>	sp. 5		1				1				1	1	
			Borsoniidae		sp. 83		1				1				1	1	
			Buccinidae	<i>Buccipagoda</i>	<i>tasmani</i>		1				1				1	1	
			Cancellariidae	<i>Brocchinia</i>			1				1				1	1	
			Cancellariidae undet.				1				1				1	1	
			Drilliidae	<i>Splendrillia</i>			1				1				1	1	
			Muricidae	<i>Enixotrophon</i>	<i>maxwelli</i>		6				18				6	18	
			Pseudolividae	<i>Benthobia</i>	<i>hyna</i>		3				6				3	6	
			Pseudomelatomidae	<i>Paracomitas</i>	sp. 5		2				2				2	2	
				<i>Paracomitas</i>	sp. 6		1				1				1	1	
			Raphitomidae	<i>Spergo</i>			1				1				1	1	
			Raphitomidae		sp. 50		2				2				2	2	
			Raphitomidae		sp. 60		3				3				3	3	
			Raphitomidae		sp. 61		2				2				2	2	
			Raphitomidae				1				1				1	1	
			Turridae				3				3				3	3	
			Volutidae	<i>Alcithoe</i>	<i>lutea</i>		4				6				4	6	
		Nudibranchia	Heterodorididae	<i>Heterodoris</i>	<i>antipodes</i>			1				1			1	1	
		Nudibranchia undet.					1				1				1	1	
		Seguenziida	Calliotropidae	<i>Calliotropis</i>	<i>pagoda</i>			1			1				1	1	
				<i>Calliotropis</i>	sp. 1			1			1				1	1	
				<i>Calliotropis</i>	sp. 4			1			1				1	1	
			Chilodontidae	<i>Putzeysia</i>	sp. 1				1			1			1	1	
			Seguenziidae	<i>Carenzia</i>	<i>fastigiata</i>			1			1				1	1	
				<i>Eudaronia</i>					1			1			1	1	
				<i>Fluxinella</i>	<i>lepida</i>			3			3				3	3	
				<i>Hadroconus</i>	<i>us</i>			2			2				2	2	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens	
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region	Western BPA	All Region	Western BPA
				<i>Quinnia</i>	<i>patulus</i>		1				1			1		1	
				<i>Seguenzia</i>	<i>compta</i>			2			3			2		3	
				<i>Seguenzia</i>	<i>conopia</i>			4			103			4		103	
				<i>Seguenzia</i>	<i>fulgida</i>			2			2			2		2	
				<i>Seguenzia</i>	<i>patula</i>			1			1			1		1	
				<i>Sericogyra</i>	<i>metallica</i>			1			3			1		3	
				<i>Sericogyra</i>	<i>periglens</i>			3			3			3		3	
		Thecosomata (pteropods)				1				1				1		1	
		Trochida	Calliostomidae	<i>Falsimargarita</i>	<i>challenge</i> <i>rica</i>			1			1			1		1	
			Colloniidae	<i>Argalista</i>				1				1		1		1	
			Skeneidae	<i>Brookula</i>	sp. 7		1				1			1		1	
				<i>Lissotesta</i>				1				1		1		1	
				<i>Trenchia</i>	sp. 2		1				1			1		1	
			Skeneidae		sp. 2		1				1			1		1	
			Trochidae					1				1		1		1	
	Gastropoda			n. gen.	n. sp.		1				1			1		1	
	Gastropoda undet.					2	3			2	3			5		5	
	Scaphopoda	Dentaliida	Dentaliidae	<i>Dentalium</i>			1				1			1		1	
				<i>Fissidentalium</i>	<i>horikoshii</i>		1				1			1		1	
				<i>Fissidentalium</i>	<i>profundorum</i>		2				2			2		2	
				<i>Graptacme</i>	<i>bordaensis</i>		2				2			2		2	
			Laevidentalidae	<i>Laevidentalium</i>	<i>erectum</i>		1				1			1		1	
		Gadilida	Entalinidae	<i>Costentalina</i>	<i>pacifica</i>		1				1			1		1	
				<i>Rhomboxiphus</i>	<i>colmani</i>		1				1			1		1	
				<i>Rhomboxiphus</i>	<i>tricarinatus</i>		1				1			1		1	
			Gadilidae	<i>Cadulus</i>	<i>simillimus</i>		1				1			1		1	
				<i>Polyschides</i>	<i>sutherlandi</i>		1				1			1		1	
			Pulsellidae	<i>Annulipulsellum</i>			2				2			2		2	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots		Total no. of specimens	
						Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	Challenger North	Challenger South	Fiordland Transect	Norfolk Deep	All Region BPA	Western BPA	All Region BPA	Western BPA
		Scaphopoda			undet.	1	22			1	22			23		23	
Porifera	Demospongiae	Hadromerida	Suberitidae	<i>Pseudosuberites</i>		1				1				1		1	
		Lithistid															
		Demospongiae	Corallistidae	<i>Herengeria</i>	<i>auriculata</i>									1	1	1	1
				Pleromidae	<i>Pleroma</i>	<i>aotea</i>									1	2	2
			Poecilosclerida	Cladorhizidae	<i>Asbestopluma</i>	n. sp. (ex lb & ms)								1	1	1	1
				Myxillidae	<i>Myxilla</i>	(<i>Burtonanchora</i>)									1	1	1
		Hexactinellida	Amphidiscosida	Hyalonematiidae	<i>Hyalonema</i>	<i>bipinnuluma</i>									1	1	1
		Lyssacosida	Euplectellidae	<i>Regadrella</i>										1	1	1	
			Rosellidae	<i>Hyalascus</i>										2	2	2	
Porifera		undet.				2	1	1	2	2	1	1	2	6	6	6	
Sipuncula						1	2			1	2			3		3	
Grand Total						143	388	65	54	756	762	68	68	650		1654	

Kermadec region

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens		
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec	
Annelida	Oligochaeta (includes leeches)	Euhirudinea	Piscicolidae				1		1		1		1	
	Polychaeta	Amphinomida	Amphinomidae			2	1	2	1	3		3		
			Eunicida	Eunicidae	<i>Eunice</i>	indet.	1		1		1		1	
					<i>Eunice</i>	sp. 1	5		6		5		6	
					<i>Eunice</i>			17		45	17		45	
				Eunicidae undet.			11	3	11	3	14		14	
				Onuphidae	<i>Hyalinoecia</i>	sp. 1	2		4		2		4	
					<i>Hyalinoecia</i>	sp. B	1		1		1		1	
					<i>Hyalinoecia</i>		3	2	6	11	5		17	
					<i>Nothria</i>	sp. 1	1		1		1		1	
					<i>Nothria</i>	sp. B	5		32		5		32	
				Onuphidae		sp. 1	6		21		6		21	
				Onuphidae		sp. 4	1		1		1		1	
				Onuphidae		sp. B	1		1		1		1	
				Onuphidae undet.			2	14	2	71	16		73	
			Phyllodocida	Aphroditidae			2		2		2		2	
				Glyceridae	<i>Glycera</i>			1		1	1		1	
				Glyceridae undet.				6		60	6		60	
				Hesionidae			2	6	2	20	8		22	
				Nephtyidae			1		1		1		1	
				Nereididae			2	2	2	2	4		4	
				Phyllodocidae			2	1	2	1	3		3	
				Polynoidae	<i>Branchipolynoe</i>	sp. A	2		3		2		3	
					<i>Harmothoe</i>	sp. 1	1	1	1	1	2		2	
					<i>Harmothoe</i>		1	1	1	4	2		5	
					<i>Polynoe</i>		1		1		1		1	
					<i>Thermiphione</i>			1		24	1		24	
				Polynoidae		sp. 8	1		1		1		1	
				Polynoidae		sp. NZVent01		3		8	3		8	
			Polynoidae		sp. NZVent02		2		2	2		2		
			Polynoidae		sp. NZVent06		1		1	1		1		
			Polynoidae		sp. NZVent11		2		2	2		2		
			Polynoidae		sp. NZVent12	1		2		1		2		

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Polynoidae undet.			7	11	8	21	18		29	
			Sigalionidae			1		1		1		1	
		Sabellida	Syllidae			3	1	3	1	4		4	
			Oweniidae			1	4	1	6	5		7	
			Sabellidae			1	1	1	1	2		2	
			Serpulidae	<i>cf. Apomatus</i>			1		1	1		1	
				<i>Ficopomatus</i>	<i>enigmaticus</i>	1		1		1		1	
				<i>Hyalopomatus</i>		1		1		1		1	
				<i>?Neovermilia</i>			1		1	1		1	
				<i>Placostegus</i>		2		2		2		2	
			Serpulinae (subfam.)				1		2	1		2	
			Serpulidae undet.			31	9	31	10	40		41	
			Siboglinidae	<i>Oasisia</i>	<i>fujikurai</i>				100	2		100	
			Siboglinidae undet.				2		9	2		9	
		Scolecida	Arenicolidae			1		1		1		1	
			Capitellidae	<i>cf. ?Notomastus</i>			1		3	1		3	
			Opheliidae			1	2	1	2	3		3	
			Scalibregmatidae	<i>Asclerocheilus</i>			2		2	2		2	
		Spionida	Chaetopteridae			2	3	2	4	5		6	
		Terebellida	Alvinellidae	<i>Paralvinella</i>	sp. A		3		5	3		5	
			Ampharetidae	<i>Amphisamytha</i>	sp. NZVent04		7		81	7		81	
			Ampharetidae undet.			1	4	1	13	5		14	
			Terebellidae	<i>Lanice</i>			1		2	1		2	
			Terebellidae undet.			1	3	1	5	4		6	
Annelida undet.	Polychaeta undet.					30	52	50	165	82		215	
						8	2	8	3	10		11	
Arthropoda	Branchiopoda	Cladocera				4		4		4		4	
	Branchiopoda					3		3		3		3	
	Malacostraca	Amphipoda	Alicellidae	<i>aff. Alicella</i>	<i>gigantea</i>	6		6		6		6	
				<i>Alicella</i>	<i>gigantea</i>	4		4		4		4	
				<i>Paralicella</i>		8		194		8		194	
			Amphilochidae	<i>Amphilochus</i>	<i>filidactylus</i>	1		1		1		1	
			Caprellidae	<i>Caprella</i>	<i>andreae</i>	1		14		1		14	
			Caprellidae undet.				1		6	1		6	
			Ceinidae	<i>Ceina</i>	<i>egregia</i>	2		7		2		7	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Endeavouridae	<i>Ensayara</i>	<i>kermadecensis</i>	2		20		2		20	
			Epimeriidae	<i>Epimeria</i>			2		3	2		3	
			Gammaridae			1		1		1		1	
			Hirondelleidae	<i>Hirondellea</i>	<i>dubia</i>	8		18920		8		18920	
				<i>Hirondellea</i>		37		4369		37		4369	
			Lysianassidae	<i>Eurythenes</i>		10		68		10		68	
			Lysianassidae undet.				2		2	2		2	
			Melitidae			1		1		1		1	
			Pardaliscidae	<i>Princaxelia</i>		2		2		2		2	
			Phoxocephalidae				1		2	1		2	
			Scopelocheiridae	<i>Scopelocheirus</i>	<i>schellenbergi</i>	11		1658		11		1658	
			Stegocephalidae				1		5	1		5	
			Uristidae	<i>Schisturella</i>			2		3	2		3	
		Amphipoda undet.				116	1	33699	1	117		33700	
		Decapoda	Acanthephyridae	<i>Acanthephyra</i>	<i>pelagica</i>	1		1		1		1	
				<i>Acanthephyra</i>	<i>quadrispinosa</i>	16		16		16		16	
				<i>Acanthephyra</i>	<i>sanguinea</i>	1		1		1		1	
				<i>Acanthephyra</i>	<i>smithi</i>	2		2		2		2	
				<i>Acanthephyra</i>		2	1	2	1	3		3	
				<i>Heterogenys</i>	<i>microphthalma</i>	1		1		1		1	
				<i>Meningodora</i>	<i>mollis</i>	1		1		1		1	
				<i>Notostomus</i>	<i>auriculatus</i>	1		1		1		1	
				<i>Notostomus</i>		2		2		2		2	
			Aethridae	<i>Actaeomorpha</i>	<i>erosa</i>	1		1		1		1	
			Alpheidae	<i>Alpheopsis</i>	<i>garricki</i>	1		1		1		1	
				<i>Alpheus</i>	<i>hailstonei</i>	1		1		1		1	
				<i>Salmoneus</i>			1		1	1		1	
				<i>Vexillipar</i>		2		8		2		8	
			Alpheidae undet.			2	1	2	2	3		4	
			Alvinocarididae	<i>Alvinocaris</i>	<i>alexander</i>		1		2	1		2	
				<i>Alvinocaris</i>	<i>longirostris</i>		26		357	26		357	
				<i>Alvinocaris</i>	<i>niwa</i>		5		6	5		6	
				<i>Alvinocaris</i>			3		79	3		79	
				<i>Nautilocaris</i>	<i>saintlaurentae</i>		1		1	1		1	
			Benthesicymidae	<i>Benthesicymus</i>	<i>cereus</i>		1		2	1		2	
				<i>Benthesicymus</i>		1		1		1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Gennadas</i>	<i>capensis</i>	5		5		5		5	
				<i>Gennadas</i>	<i>gilchristi</i>	2	1	2	1	3		3	
				<i>Gennadas</i>	<i>incertus</i>	4		4		4		4	
				<i>Gennadas</i>	<i>tinayrei</i>	5		5		5		5	
				<i>Gennadas</i>			2		2		2		2
			Bythograeidae	<i>Austinograea</i>			1		1		1		1
				<i>Gandalfus</i>	<i>puia</i>		2		2		2		2
			Calappidae			1		1		1		1	
			Chirostylidae	<i>Gastrotychus</i>	<i>rogeri</i>		6		6		6		6
				<i>Urotychodes</i>	<i>spinimarginatus</i>	1		1		1		1	
				<i>Urotychus</i>	<i>alcocki</i>	2		2		2		2	
				<i>Urotychus</i>	<i>australis</i>	4		4		4		4	
				<i>Urotychus</i>	<i>brevisquamatus</i>	2		2		2		2	
				<i>Urotychus</i>	<i>gracilimanus</i>	2		2		2		2	
				<i>Urotychus</i>	<i>kaitara</i>	1		1		1		1	
				<i>Urotychus</i>	<i>litosus</i>	1		2		1		2	
				<i>Urotychus</i>	<i>paku</i>	1		1		1		1	
				<i>Urotychus</i>	<i>rutua</i>	2		2		2		2	
				<i>Urotychus</i>	<i>scambus</i>	2		2		2		2	
				<i>Urotychus</i>	<i>thermalis</i>	1	1	1	1	2		2	
				<i>Urotychus</i>	<i>toka</i>	1		1		1		1	
				<i>Urotychus</i>	<i>webberi</i>	1		1		1		1	
				<i>Urotychus</i>	<i>yaldwyni</i>	1		1		1		1	
				<i>Urotychus</i>	n. sp. (cylindropus)	1		1		1		1	
				<i>Urotychus</i>	n. sp. (marcosi)		1		1	1		1	
				<i>Urotychus</i>	(terminalis)	1		2		1		2	
				<i>Urotychus</i>	n. sp. (numerosus)	1		1		1		1	
				? <i>Urotychus</i>		2		6		2		6	
				<i>Urotychus</i>		7		13		7		13	
			Diogenidae	<i>Cancellus</i>	<i>frontalis</i>	5		5		5		5	
				<i>Cancellus</i>	<i>rhynchogonus</i>	5		5		5		5	
				<i>Dardanus</i>	<i>hessii</i>	2		2		2		2	
			Diogenidae undet.			1		1		1		1	
			Dynomeneidae	<i>Dynomene</i>	<i>pilumnoides</i>	1		1		1		1	
				<i>Dynomene</i>		1		1		1		1	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Epialtidae	<i>Huenia</i>	<i>heraldica</i>	2		2			2		2
				<i>Leptomaia</i>	<i>tuberculata</i>	1		1			1		1
			Eumunididae	<i>Eumunida</i>	<i>sternomaculata</i>	1		1			1		1
				<i>Eumunida</i>		1		1			1		1
				<i>Pseudomunida</i>	<i>fragilis</i>	1		1			1		1
			Galatheidae	<i>Allogalatea</i>	<i>elegans</i>	1		4			1		4
				<i>Munidopsis</i>	<i>maunga</i>	1		1			1		1
				<i>Phylladiorhynchus</i>	<i>integrrostris</i>	3		6			3		6
				<i>Phylladiorhynchus</i>		1		3			1		3
			Galatheidae undet.			4	1	4	1		5		5
			Glyphocrangonidae	<i>Glyphocrangon</i>	<i>speciosa</i>				2		2		2
			Glyphocrangonidae undet.			1		1			1		1
			Goneplacidae	<i>Carcinoplax</i>	n. sp.		1		2		1		2
				<i>Intesius</i>	<i>richeri</i>	1	1	1	1		2		2
				<i>Neopilumnoplax</i>	<i>nieli</i>	2	8	2	34		10		36
				<i>Pycnoplax</i>	<i>meridionalis</i>		10		31		10		31
				<i>Pycnoplax</i>	<i>suruguensis</i>		1		3		1		3
				<i>Pycnoplax</i>	<i>victoriensis</i>		1		2		1		2
				<i>Thyraplax</i>	<i>truncata</i>	1		1			1		1
			Grapsidae	<i>Planes</i>	<i>major</i>	1		2			1		2
				<i>Planes</i>		3		3			3		3
			Grapsidae undet.			1		1			1		1
			Hippolytidae	<i>Lebbeus</i>	<i>wera</i>		10		34		10		34
				<i>Leontocaris</i>	<i>alexander</i>		1		1		1		1
				<i>Leontocaris</i>	<i>yarramundi</i>		1		2		1		2
				<i>Nauticaris</i>	<i>saintlaurentae</i>		1		5		1		5
			Homolidae				1		1		1		1
			Inachidae	<i>Achaeus</i>	<i>curvirostris</i>	2		2			2		2
				<i>Cyrtomaia</i>	<i>lamellata</i>	1		1			1		1
				<i>Dorhynchus</i>	<i>ramusculus</i>		3		4		3		4
				<i>Platymaia</i>	<i>maoria</i>	1		1			1		1
				<i>Platymaia</i>	<i>wyvillethomsoni</i>	1		1			1		1
			Latreilliidae	<i>Eplumula</i>	<i>australiensis</i>	1		1			1		1
			Leucosiidae	<i>Bellidilia</i>	<i>cheesmani</i>	2		2			2		2
				<i>Ebalia</i>	<i>humilis</i>	2		2			2		2
				<i>Ebalia</i>	<i>jordani</i>	2		2			2		2

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Ebalia</i>	<i>webberi</i>	1		1		1		1	
				<i>Tanaoa</i>	<i>distinctus</i>	1		1		1		1	
			Lithodidae	<i>Paralomis</i>	<i>hirtella</i>		7		23		7		23
				<i>Paralomis</i>	<i>staplesi</i>	1		1		1		1	
				<i>Paralomis</i>			2		3		2		3
			Majidae	<i>Notomithrax</i>	<i>spinosus</i>	2		2		2		2	
				<i>Rochinia</i>	<i>riversandersoni</i>	2		2		2		2	
				<i>Rochinia</i>		2		2		2		2	
				<i>Schizophroidea</i>	<i>hilensis</i>	1		1		1		1	
				<i>Teratomaia</i>	<i>richardsoni</i>	1		1		1		1	
				<i>Thacanophrys</i>	<i>goldsbroughi</i>	3		3		3		3	
				<i>Vitjazmaia</i>	<i>latidactyla</i>		1		1		1		1
			Munididae	<i>Agononida</i>	<i>incerta</i>	2		2		2		2	
				<i>Agononida</i>	<i>marini</i>	2		2		2		2	
				<i>Agononida</i>	<i>nielbrucei</i>		2		2		2		2
				<i>Agononida</i>	<i>squamosa</i>		1		1		1		1
				<i>Agononida</i>	sp. 1	1		1		1		1	
				<i>Agononida</i>		1	1	1	1	2		2	
				<i>Babamunida</i>	<i>callista</i>	1		1		1		1	
				<i>Munida</i>	<i>armilla</i>	1		1		1		1	
				<i>Munida</i>	cf. <i>crassa</i>	1		1		1		1	
				<i>Munida</i>	<i>crassa</i>	1		1		1		1	
				<i>Munida</i>	<i>eclipseis</i>	3		5		3		5	
				<i>Munida</i>	cf. <i>endeavourae</i>		3		5		3		5
				<i>Munida</i>	<i>endeavourae</i>	4	8	5	12	12		17	
				<i>Munida</i>	<i>gregaria</i>	1		1		1		1	
				<i>Munida</i>	<i>isos</i>		13		26		13		26
				<i>Munida</i>	<i>kapala</i>	1		6		1		6	
					cf. <i>magniantennulata</i>								
				<i>Munida</i>	<i>magniantennulata</i>		1		1		1		1
				<i>Munida</i>	<i>magniantennulata</i>		1		1		1		1
				<i>Munida</i>	<i>psylla</i>	1		1		1		1	
				<i>Munida</i>	<i>rubrimana</i>		2		2		2		2
					cf. <i>rufiantennulata</i>								
				<i>Munida</i>	<i>rufiantennulata</i>	1		2		1		2	
				<i>Munida</i>	<i>spenicruris</i>	6		8		6		8	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Munida</i>	<i>typhle</i>		1		1		1		1
				<i>Munida</i>	cf. n. sp. (lent)	1		6		1		6	
				<i>Munida</i>	sp. 2	1		1		1		1	
				<i>Munida</i>		4	5	7	5	9		12	
				<i>Paramunida</i>	<i>antipodes</i>	2		2		2		2	
			Munidopsidae	<i>Galacantha</i>	<i>rostrata</i>	1		1		1		1	
				<i>Leiogalthea</i>	<i>laevirostris</i>		19		83	19		83	
				<i>Leiogalthea</i>		2	1	2	1	3		3	
				<i>Munidopsis</i>	<i>kermadec</i>		1		1	1		1	
				<i>Munidopsis</i>	<i>maunga</i>	2	1	3	2	3		5	
				<i>Munidopsis</i>	<i>pyrochela</i>		4		5	4		5	
				<i>Munidopsis</i>	<i>sonne</i>		4		7	4		7	
				<i>Munidopsis</i>	<i>tasmaniae</i>		1		1	1		1	
				<i>Munidopsis</i>	<i>trifida</i>	1		1		1		1	
				<i>Munidopsis</i>	cf. <i>serricornis</i>		1		1	1		1	
			Nematocarcinidae	<i>Nematocarcinus</i>			3		6	3		6	
				<i>Nematocarcinus</i>	<i>gracilis</i>		3		4	3		4	
				<i>Nematocarcinus</i>	<i>serratus</i>		1		1	1		1	
				<i>Nematocarcinus</i>			6		11	6		11	
			Nematocarcinidae undet.				13		49	13		49	
			Oplophoridae	<i>Oplophorus</i>	<i>novaezealandiae</i>	2		2		2		2	
				<i>Oplophorus</i>	<i>spinosus</i>	33		33		33		33	
				<i>Oplophorus</i>		1		1		1		1	
				<i>Systellaspis</i>	<i>debilis</i>	5	1	5	1	6		6	
				<i>Systellaspis</i>	<i>pellucida</i>	1		1		1		1	
			Oplophoridae undet.			2		2		2		2	
			Paguridae	<i>Catapagurus</i>	<i>spinicarpus</i>	1		1		1		1	
				<i>Cestopagurus</i>	<i>hinepuia</i>	1		1		1		1	
				<i>Diacanthus</i>	<i>ecphyma</i>	1		1		1		1	
				<i>Goreopagurus</i>	<i>poorei</i>		9		16	9		16	
				<i>Goreopagurus</i>			1		1	1		1	
				<i>Lophopagurus</i>	<i>lacertosus</i>		1		1	1		1	
				<i>Nematopagurus</i>	<i>spinulosensoris</i>	1		1		1		1	
				<i>Pagurojaquesia</i>	<i>polymorpha</i>	3		3		3		3	
				<i>Pagurus</i>	<i>iridocarpus</i>	4		5		4		5	
				<i>Porcellanopagurus</i>	<i>tridentatus</i>	1		1		1		1	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Porcellanopagurus</i>		1		1			1		1
				<i>Propagurus</i>	<i>deprofundis</i>		4		6		4		6
			Paguridae undet.			33	4	33	4		37		37
			Palaemonidae	<i>Pontoniinae</i>		1		2			1		2
			Palaemonidae undet.			1		1			1		1
			Palinuridae	<i>Phyllosoma</i>			1		1		1		1
				<i>Projasus</i>		1		1			1		1
			Palinuridae undet.			2		2			2		2
			Pandalidae	<i>Heterocarpus</i>	<i>lepidus</i>	1		1			1		1
				<i>Heterocarpus</i>		1		2			1		2
				<i>Parapandalus</i>		2		2			2		2
				<i>Plesionika</i>	<i>laurentae</i>	1		10			1		10
				<i>Plesionika</i>	<i>martia</i>	1		1			1		1
				<i>Plesionika</i>	sp. 2		1		1		1		1
				<i>Plesionika</i>	sp. A	1		1			1		1
				<i>Plesionika</i>			2		2		2		2
				<i>Stylopandalus</i>	<i>richardi</i>		1		1		1		1
			aff. Pandalidae			1		1			1		1
			Pandalidae undet.			2	7	2	26		9		28
			Parapaguridae	<i>Paragiopagurus</i>	<i>diogenes</i>	1		1			1		1
				<i>Paragiopagurus</i>	<i>hirsutus</i>		1		1		1		1
				<i>Paragiopagurus</i>	<i>ruticheles</i>	1		1			1		1
				<i>Parapagurus</i>	<i>latimanus</i>		1		1		1		1
				<i>Parapagurus</i>	<i>richeri</i>		1		1		1		1
				<i>Parapagurus</i>		1		1			1		1
				<i>Sympagurus</i>	<i>dimorphus</i>	2	17	2	46		19		48
				<i>Sympagurus</i>			1		2		1		2
			Parthenopidae	<i>Garthambrus</i>	<i>allisoni</i>	1		1			1		1
				<i>Garthambrus</i>	<i>tani</i>	1		2			1		2
				<i>Garthambrus</i>		1		1			1		1
				<i>Platylambrus</i>	<i>allisoni</i>	1		1			1		1
			Pasiphaeidae	<i>Parapasiphae</i>	<i>sulcatifrons</i>	1		1			1		1
				<i>Pasiphaea</i>			3		3		3		3
			Penaeidae	<i>Funchalia</i>	<i>villosa</i>	8		8			8		8
				<i>Funchalia</i>		1		1			1		1
				<i>Penaeopsis</i>	<i>rectacuta</i>	1		1			1		1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
					<i>Penaeopsis</i>	1		1		1		1	
			Penaeidae undet.			1		1		1		1	
			Plagusiidae		<i>Plagusia depressa</i>	1		1		1		1	
					<i>Plagusia squamosa</i>	2		2		2		2	
			Polychelidae		<i>Plagusia</i>	1		1		1		1	
					<i>Eryoneicus</i>	1		1		1		1	
					<i>Pentacheles laevis</i>	1	2	1	2	3		3	
					<i>Polycheles enthrix</i>	1		1		1		1	
				<i>Stereomastis</i>	1		1		1		1		
			Polychelidae undet.			3		3		3		3	
			Porcellanidae			3		3		3		3	
			Portunidae		<i>Liocarcinus corrugatus</i>	3		3		3		3	
					<i>Liocarcinus</i>	1		1		1		1	
					<i>Ovalipes elongatus</i>	5		5		5		5	
					<i>Ovalipes mollerii</i>		2		2	2		2	
					<i>Thalamita macropus</i>	3		3		3		3	
			Processidae			1		1		1		1	
			Pylochelidae		<i>Cheiroplatea pumicicola</i>	7		21		7		21	
					<i>Pylocheles mortenseni</i>	1		2		1		2	
					<i>Trizocheles brachyops</i>	1		2		1		2	
					<i>Trizocheles perplexus</i>	2		2		2		2	
					<i>Trizocheles pilgrimi</i>	2		7		2		7	
					<i>Trizocheles spinosus</i>	1		1		1		1	
					<i>Trizocheles bathamae</i>	1		1		1		1	
					<i>Trizocheles bathamae</i>	1		1		1		1	
			Raninidae		<i>Lyreidus tridentatus</i>	3		3		3		3	
				<i>Notosceles pepeke</i>	2		2		2		2		
			Rhynchocinetidae		<i>Rhynchocinetes balssi</i>	1		2		1		2	
			Rhynchocinetidae undet.			1		1		1		1	
			Scyllaridae		<i>Antipodarctus aoteanus</i>	4		4		4		4	
					<i>Ibacus alticrenatus</i>	1		1		1		1	
			Scyllaridae			3		3		3		3	
			Sergestidae		<i>Eusergestes arcticus</i>		2		2		2		2
					<i>Sergestes atlanticum</i>	1		1		1		1	
					<i>Sergestes bigemmens</i>	1		1		1		1	
					<i>Sergestes disjunctus</i>	1		1		1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Sergestes</i>	<i>kroyeri</i>	1		1		1		1	
				<i>Sergestes</i>	<i>pectinatus</i>	1		1		1		1	
				<i>Sergestes</i>	<i>scintallans</i>	1		1		1		1	
				<i>Sergestes</i>	<i>seminudus</i>	1		1		1		1	
				<i>Sergestes</i>	<i>vigilax</i>	1		1		1		1	
				<i>Sergestes</i>		1	1	1	1	2		2	
				<i>Sergia</i>	<i>bigemmens</i>	1		1		1		1	
				<i>Sergia</i>	<i>regalis</i>	1		1		1		1	
				<i>Sergia</i>	<i>robustus</i>	1		1		1		1	
			Sergestidae undet.			2	1	2	1	3		3	
			Solenoceridae	<i>Hymenopenaeus</i>	<i>chacei</i>	1		1		1		1	
			Solenoceridae undet.			1		1		1		1	
			Stylodactylidae	<i>Stylodactylus</i>	<i>chacei</i>	1		1		1		1	
				<i>Stylodactylus</i>	<i>discissipes</i>	1		1		1		1	
			Thalassinidae			3		3		3		3	
			Trapeziidae	<i>Calocarcinus</i>	<i>africanus</i>	2		2		2		2	
			Trichopeltariidae	<i>Trichopeltarion</i>	<i>janetae</i>	1	13	1	17	14		18	
			Xanthidae	<i>Antrocarcinus</i>	<i>petrosus</i>	7		7		7		7	
				<i>Banareia</i>	<i>banareias</i>	1		1		1		1	
				<i>Euryxanthops</i>	<i>chiltoni</i>	2		2		2		2	
				<i>Euryxanthops</i>		1		1		1		1	
				<i>Gaillardiellus</i>	<i>bathus</i>	2		2		2		2	
				<i>Gaillardiellus</i>	<i>rueppelli</i>	1		1		1		1	
				<i>Liomera</i>	<i>yaldwyni</i>	1		1		1		1	
				<i>Liomera</i>		1		1		1		1	
				<i>Lybia</i>	<i>leptochelis</i>	1		1		1		1	
				<i>Miersiella</i>	<i>haswelli</i>	1		4		1		4	
			Xanthidae undet.			2		3		2		3	
			Xenograpsidae	<i>Xenograpsus</i>	<i>ngatama</i>	1	1	1	3	2		4	
		Dendrobranchiata (suborder) undet.					3		4	3		4	
		Dendrobranchiata (suborder) undet.					13		24	13		24	
		Anomura undet.				6		10		6		10	
		Brachyura undet.				15		38		15		38	
		Caridea undet.				1	3	1	6	4		7	
		Decapoda undet.				129	14	178	28	143		206	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
		Paguroidea undet.				1		1		1		1	
		Euphausiacea	Euphausiidae	<i>Euphausia</i>	<i>gibba</i>	4		4		4		4	
				<i>Euphausia</i>	<i>recurva</i>	14		14		14		14	
				<i>Euphausia</i>	<i>similis</i>	19		19		19		19	
				<i>Euphausia</i>	<i>spinifera</i>	3	1	3	1	4		4	
				<i>Euphausia</i>	<i>tenera</i>	1		1		1		1	
				<i>Euphausia</i>		2		2		2		2	
				<i>Nematobranchion</i>	<i>boopis</i>	3		3		3		3	
				<i>Nematobranchion</i>	<i>flexipes</i>	1		1		1		1	
				<i>Nematoscelis</i>	<i>atlantica</i>	1		1		1		1	
				<i>Nematoscelis</i>	<i>megalops</i>	2		2		2		2	
				<i>Nematoscelis</i>	<i>microps</i>	2		2		2		2	
				<i>Stylocheiron</i>	<i>maximum</i>	9		9		9		9	
				<i>Stylocheiron</i>		3		3		3		3	
				<i>Thysanoessa</i>	<i>macrura</i>	2		2		2		2	
				<i>Thysanopoda</i>	<i>acutifrons</i>	7		7		7		7	
				<i>Thysanopoda</i>	<i>aequalis</i>	6		6		6		6	
				<i>Thysanopoda</i>	<i>cornuta</i>	1		1		1		1	
				<i>Thysanopoda</i>	<i>cristata</i>	7		7		7		7	
				<i>Thysanopoda</i>	<i>egregia</i>	2		2		2		2	
				<i>Thysanopoda</i>	<i>monacantha</i>	35		35		35		35	
				<i>Thysanopoda</i>	<i>obtusifrons</i>	7		7		7		7	
				<i>Thysanopoda</i>	<i>orientalis</i>	7		7		7		7	
				<i>Thysanopoda</i>	<i>pectinata</i>	8		8		8		8	
				<i>Thysanopoda</i>	<i>tricuspida</i>	5		5		5		5	
				<i>Thysanopoda</i>			1		1	1		1	
			Euphausiidae undet.				2		2	2		2	
		Euphausiacea			sp. 2		1		1	1		1	
		Euphausiacea				2	2	2	2	4		4	
		Isopoda	Aegidae	<i>Aegapheles</i>	<i>umpara</i>	1		1		1		1	
				<i>Aegiochus</i>	<i>nohinohi</i>		8		18	8		18	
				<i>Aegiochus</i>			1		1	1		1	
			Aegidae undet.			1	2	1	2	3		3	
			Antarcturidae			1		1		1		1	
			Cirolanidae	<i>Eurydice</i>	<i>subtruncata</i>	1		1		1		1	
				<i>Natololana</i>	<i>albicaudata</i>	2		2		2		2	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Cirolanidae undet.				1		1		1		1
			Gnathiidae	<i>Caecognathia</i>	<i>nieli</i>		7		199		7		199
				<i>Gnathia</i>	<i>sifae</i>		5		115		5		115
			Gnathiidae undet.				1		10		1		10
			Hemioniscidae	<i>Scalpelloniscus</i>			1		1		1		1
			Munnopsididae	<i>Eurycope</i>			1		1		1		1
			Munnopsididae undet.				1		13		1		13
			?Pseudojaniridae				1		1		1		1
			Serolidae	<i>Acutiserolis</i>			1		1		1		1
			Sphaeromatidae				6		11		6		11
		Epicaridea (Infraorder) undet.					1		6		1		6
		Gnathiidea (suborder) undet.					3		3		3		3
		Isopoda undet.					10	4	34	6	14		40
		Lophogastrida	Lophogastridae	<i>Gnathophausia</i>	<i>zoea</i>		2		2		2		2
				<i>Neognathophausia</i>	<i>ingens</i>		9		9		9		9
		Lophogastrida undet.					5		5		5		5
		Mysida	Mysidae	<i>Amblyops</i>			2		2		2		2
		Mysida undet.					8	1	10	1	9		11
		Stomatopoda	Odontodactylidae	<i>Odontodactylus</i>	<i>hawaiiensis</i>		2		2		2		2
		Stomatopoda undet.					13		13		13		13
	Maxillopoda	Pedunculata	Calanticidae	<i>Calantica</i>	<i>studeri</i>		2		2		2		2
			Eolepadidae	<i>Ashinkailepas</i>	<i>kermadecensis</i>		2		15		2		15
				<i>Vulcanolepas</i>	<i>osheai</i>			14		390	14		390
				<i>Vulcanolepas</i>			2		5		2		5
			Heteralepadidae	<i>Heteralepas</i>			1		1		1		1
			Lepadidae	<i>Lepas</i>	<i>anatifera</i>		2		1010		2		1010
				<i>Lepas</i>	<i>anserifera</i>		1		2		1		2
				<i>Lepas</i>	<i>pectinata</i>		1		8		1		8
				<i>Lepas</i>			5		46		5		46
			Oxynaspidae	<i>Oxynaspis</i>	<i>indica</i>		3		8		3		8
			Poecilasmataidae	<i>Megalasma</i>	<i>minus</i>		1		1		1		1
				<i>Poecilasma</i>	<i>kaempferi</i>		1		10		1		10
			Scalpellidae	<i>Amigdoscalpellum</i>	<i>vitreum</i>		1	1	1	3	2		4
				<i>Anguloscalpellum</i>	<i>pedunculatum</i>		2		2		2		2
				<i>Annandaleum</i>				1		1	1		1
				<i>Arcoscalpellum</i>	<i>intreum</i>		1		1		1		1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Arcoscalpellum</i>	sp. 1	1		2			1		2
				<i>Arcoscalpellum</i>					1		1		1
				<i>Graviscapellum</i>	sp. 2	2		4			2		4
				<i>Graviscapellum</i>		1		1			1		1
				<i>Smilium</i>	<i>acutum</i>	1	3	1	4		4		5
				<i>Smilium</i>	<i>zancleanum</i>						1		1
			Scapellidae undet.								3		3
		Lepadomorpha (suborder)				1	1	1	2		2		3
		Pedunculata undet.				2		2			2		2
		Rhizocephala	Peltogastridae	<i>Tortugaster</i>		1		1			1		1
		Rhizocephala undet.				1		1			1		1
		Sessilia	Archaeobalanidae	<i>Austrominius</i>	<i>modestus</i>	1		101			1		101
			Archaeobalanidae undet.	<i>Solidobalanus</i>	<i>auricoma</i>	5		9			5		9
					<i>tintinnabulum</i>	1		1			1		1
			Balanidae	<i>Megabalanus</i>	<i>linzei</i>	10		64			10		64
			Bathylasmatidae	<i>Mesolasma</i>	<i>fosteri</i>	1		1			1		1
			Chionelasmatidae	<i>Chionelasmus</i>	<i>crosmieri</i>	1		1			1		1
				<i>Chionelasmus</i>	<i>darwinii</i>	1	1	40	1		2		41
			Chthamalidae	<i>Chamaesipho</i>	<i>brunnea</i>	1		20			1		20
			Pachylasmatidae	<i>Bathylasma</i>	<i>alearum</i>		1		5		1		5
				<i>Hexelasma</i>	<i>nolearia</i>	2		6			2		6
				<i>Mesolasma</i>	<i>fosteri</i>	1		1			1		1
				<i>Pachylasma</i>	<i>aurantiacum</i>	3		3			3		3
				<i>Pachylasma</i>			1				1		1
			Tetraclitidae	<i>Tesseropora</i>	<i>rosea</i>	3		5			3		5
				<i>Tetraclitella</i>	<i>purpurascens</i>	1		1			1		1
			Verrucidae	<i>Aliverruca</i>		1		1			1		1
				<i>Metaverruca</i>	<i>halotheca</i>	3		3			3		3
				<i>Metaverruca</i>	<i>recta</i>	5		8			5		8
				<i>Verruca</i>	<i>gibbosa</i>	3		3			3		3
				<i>Verruca</i>		3		4			3		4
			Verrucidae undet.								2		2
											1		1
		Balanomorpha (suborder)											
		Cirripedia (infraclass) undet.				5	10	21	18		15		39
		Maxillopoda undet.				9		9			9		9

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
	Ostracoda						1		1		1		1
	Pycnogonida	Pantopoda	Ammotheidae	<i>Ammothea</i>	<i>allopodes</i>	1		1		1		1	1
				<i>Ammothea</i>	<i>carolinensis</i>	1		2		1		2	2
				<i>Ammothea</i>	<i>meridionalis</i>	1		2		1		2	2
			Callipallenidae	<i>Callipallene</i>			1		1		1		1
			Colossendeidae	<i>Colossendeis</i>			2		2		2		2
			Nymphonidae	<i>Nymphon</i>			3		72		3		72
Arthropoda undet.	Pycnogonida undet.					3	10	3	23		13		26
						3		3			3		3
Brachiopoda	Articulata	Rhynchonellida	Basiliolidae	<i>Basiliola</i>	<i>lucida</i>	3		3		3		3	3
				<i>Basiliola</i>			1		1		1		1
			Notosariidae	<i>Notosaria</i>	<i>nigricans</i>	1		1		1		1	1
				<i>Notosaria</i>	<i>reinga</i>	1		1		1		1	1
		Terebratulida	Cancellothyrididae	<i>Terebratulina</i>	<i>australis</i>	3		3		3		3	3
				<i>Terebratulina</i>		2		2		2		2	2
			Cancellothyrididae undet.			1		1		1		1	1
			Chlidonophoridae	<i>Eucalathis</i>	<i>murrayi</i>	2		2		2		2	2
				<i>Eucalathis</i>	<i>rugosa</i>	1		1		1		1	1
			Dallinidae	<i>Campages</i>	n. sp.	7		7		7		7	7
				<i>Dallina</i>	<i>eltanini</i>	1		1		1		1	1
				<i>Dallina</i>	<i>triangularis</i>	1	4	1	10	5		11	11
			Dallinidae undet.			1		1		1		1	1
			Dyscolidae	<i>Goniobrochus</i>	<i>ewingi</i>		1		1		1		1
			Dyscolidae	<i>Xenobrochus</i>		2		2		2		2	2
			Platidiidae	<i>Amphithyris</i>	<i>buckmani</i>	1		1		1		1	1
				<i>Amphithyris</i>	<i>parva</i>	2		2		2		2	2
				<i>Phaneropora</i>	<i>galathea</i>	1		1		1		1	1
				<i>Platidia</i>	<i>anomiooides</i>	2		2		2		2	2
				<i>Platidia</i>	<i>blowi</i>	1		1		1		1	1
			Platidiidae undet.			1		1		1		1	1
			Terebratellidae	<i>Calloria</i>	<i>inconspicua</i>	1		1		1		1	1
				<i>Gyrothyris</i>	<i>mawsoni</i>		1		1		1		1
				<i>Neothyris</i>		1		1		1		1	1
			Terebratulidae	<i>Liothyrella</i>	<i>neozelanica</i>	2		21		2		21	21
				<i>Liothyrella</i>		1		1		1		1	1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec	
Brachiopoda undet.	Inarticulata	Thecideida	Thecidellinidae	<i>Stenosarina</i>	<i>crosmieri</i>		1		3		1		3	
				<i>Minutella</i>	<i>minuta</i>	1		1		1		1		
				<i>Thecidellina</i>	<i>maxilla</i>	2		2		2		2		
				<i>Novocrania</i>	<i>lecointei</i>	2		2		2		2		
				<i>Novocrania</i>	<i>turbinata</i>	1		12		1		12		
						26	3	39	3	29		42		
Bryozoa	Gymnolaemata	Cheilostomata	Adeonidae	<i>Adeonellopsis</i>	<i>yarraensis</i>	3		3		3		3		
				Aeteidae	<i>Aetea</i>	<i>australis</i>	10		10		10		10	
					<i>Aetea</i>	<i>ligulata</i>	3		3		3		3	
			Antroporidae	n. gen.	1		1		1		1		1	
			Arachnopusiidae	<i>Arachnopusia</i>	<i>perforata</i>	6		6		6		6		6
				<i>Arachnopusia</i>	<i>unicornis</i>	1		1		1		1		1
				<i>Briarachnia</i>	<i>robusta</i>	9		9		9		9		1
			Arachnopusiidae undet.		1		1		1		1		1	
			Aspidostomatidae	<i>Crateropora</i>	<i>falcata</i>	1		1		1		1		1
				<i>Crateropora</i>			2		5		2		5	
			Beaniidae	<i>Beania</i>	<i>bilaminata</i>	1		1		1		1		1
				<i>Beania</i>	<i>cribrimorpha</i>	1		1		1		1		1
				<i>Beania</i>	<i>discodermiae</i>	2		2		2		2		2
				<i>Beania</i>	<i>elongata</i>	1		1		1		1		1
				<i>Beania</i>	<i>gigantavicularis</i>	1		1		1		1		1
				<i>Beania</i>	<i>magellanica</i>	4		4		4		4		4
				<i>Beania</i>	<i>plurispinosa</i>	5		5		5		5		5
			Beaniidae undet.		2		2		2		2		2	
			Bifaxariidae	<i>Diplonotos</i>	<i>acutus</i>	1		1		1		1		1
			Bitectiporidae	<i>Bitectipora</i>	<i>cincta</i>	14		14		14		14		14
				<i>Bitectipora</i>		1		1		1		1		1
				<i>Calypotheca</i>	<i>mortoni</i>	1		2		1		2		2
				<i>Hippomonavella</i>	<i>gymnae</i>	3		3		3		3		3
				<i>Hippoporina</i>	<i>epaxia</i>	2		2		2		2		2
				<i>Hippoporina</i>	<i>rostrata</i>	2		2		2		2		2
				<i>Hippothyris</i>	<i>aganactete</i>	6		6		6		6		6
				<i>Metoperiella</i>	<i>montferrandii</i>	3		3		3		3		3
				<i>Parkermavella</i>	<i>biaviculata</i>	1		1		1		1		1
				<i>Parkermavella</i>	<i>punctigera</i>	9		9		9		9		9

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
					<i>Parkermavella</i>	1		1		1		1	
					<i>Schizomavella neptuni</i>	1		1		1		1	
					<i>Schizomavella schizoporelloides</i>	4		4		4		4	
					<i>Schizomavella trachoma</i>	1		1		1		1	
					<i>Schizosmittina maplestonei</i>	6		6		6		6	
			Bryocryptellidae		<i>Buchneria incomposita</i>	2		2		2		2	
					<i>Porella marsupium</i>	2		2		2		2	
			Buffonellodidae		<i>Buffonellodes granulosa</i>	1		1		1		1	
					<i>Buffonellodes</i>	3		3		3		3	
					<i>Xenogma rhomboidale</i>	1		1		1		1	
					<i>Xenogma ridleyi</i>	8		8		8		8	
			Bugulidae		<i>Brettiella oviceolata</i>	3		3		3		3	
					<i>Bugulella gracilis</i>		1		1		1		1
					<i>Cornucopina bella</i>	1	1	1	1	2		2	
					<i>Cornucopina cf. geniculata</i>		6		7	6		7	
					<i>Cornucopina geniculata</i>	2	2	2	2	4		4	
					<i>Cornucopina salutans</i>		7		12	7		12	
					<i>Cornucopina</i>	1	1	1	1	2		2	
					<i>Dendrobeania sessilis</i>	5		5		5		5	
					<i>Himantozoum</i>	1		1		1		1	
			Bugulidae undet.			3		3		3		3	
			Calescharidae		<i>Caleschara minuta</i>	3		3		3		3	
			Calloporidae		<i>Alderina tuberosa</i>	4		4		4		4	
					<i>Amphiblestrum alcimum</i>	8		8		8		8	
					<i>Bryocalyx</i>	1		1		1		1	
					<i>Callopora precocialis</i>	4		4		4		4	
					<i>Callopora</i>	1		1		1		1	
					<i>Candoscrapocellaria n. sp.</i>	1		1		1		1	
					<i>Caudacorbula paucispina</i>	1		1		1		1	
					<i>Corbulella spinosissima</i>	2		2		2		2	
					<i>Corbulella translucens</i>	3		3		3		3	
					<i>Crassimarginatella brevicornuta</i>	2		2		2		2	
					<i>Crassimarginatella corbulata</i>	14		14		14		14	
					<i>Crassimarginatella electra</i>	11		11		11		11	
					<i>Crassimarginatella spathulata</i>	3		3		3		3	
					<i>Crassimarginatella spinosissima</i>	1		1		1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Crassimarginatella</i>	<i>vincularia</i>	4		15		4		15	
				<i>Ellisina</i>	<i>sericea</i>	13		13		13		13	
				<i>Ellisina</i>	n. sp.	2		2		2		2	
				<i>Marssonopora</i>	<i>kermadecensis</i>	6		6		6		6	
				<i>Megapora</i>	n. sp.		1		1	1		1	
				<i>Onychoblestrum</i>	<i>hastingsae</i>	13		13		13		13	
				<i>Platypyxis</i>	<i>titan</i>		1		2	1		2	
				<i>Quitocallopora</i>	<i>pusilla</i>	3		3		3		3	
				<i>Retevirgula</i>	<i>aggregata</i>	15		15		15		15	
			Calloporidae undet.			8		8		8		8	
			Calwelliidae	<i>Malakosaria</i>	<i>sinclairii</i>	3		3		3		3	
			Calwelliidae	<i>Onchoporoides</i>	n. sp.	1		1		1		1	
			Candidae	<i>Amastigia</i>	<i>antarctica</i>	1		1		1		1	
				<i>Amastigia</i>	<i>antarctica</i>								
				<i>Amastigia</i>	<i>subtropicalis</i>	1		1		1		1	
				<i>Amastigia</i>		1	1	1	1	2		2	
				<i>Caberea</i>	<i>enzoii</i>	2		2		2		2	
				<i>Caberea</i>	<i>glabra</i>	1		1		1		1	
				<i>Caberea</i>	<i>helicina</i>	1		1		1		1	
				<i>Caberea</i>		1		1		1		1	
				<i>Canda</i>	<i>pecten</i>	4		4		4		4	
				<i>Emma</i>	<i>watersi</i>	1		1		1		1	
				<i>Notoplites</i>	<i>longispinosus</i>	2		2		2		2	
				<i>?Notoplites</i>		1		1		1		1	
				<i>Notoplites</i>		1		1		1		1	
				<i>Scrupocellaria</i>	<i>maderensis</i>	4		4		4		4	
			Candidae undet.			3		3		3		3	
			Catenicellidae	<i>Catenicella</i>	<i>elegans</i>	5		5		5		5	
				<i>Catenicella</i>	<i>venusta</i>	1		1		1		1	
				<i>Claviporella</i>	<i>aurita</i>	5		5		5		5	
				<i>Cornuticella</i>	<i>taurina</i>	1		1		1		1	
				<i>Cornuticella</i>	<i>trapezoidea</i>	1		1		1		1	
				<i>Costaticella</i>	<i>solida</i>	1		1		1		1	
				<i>Cribricellina</i>	<i>cribraria</i>	2		2		2		2	
				<i>Orthoscuticella</i>	<i>fissurata</i>	2		2		2		2	
				<i>Orthoscuticella</i>	<i>margaritacea</i>	1		1		1		1	
				<i>Orthoscuticella</i>	<i>ventricosa</i>	1		1		1		1	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Paracribricellina</i>	<i>cribraria</i>	1		1		1		1	1
				<i>Pterocella</i>	<i>alata</i>	1		1		1		1	1
				<i>Scalicella</i>	<i>crystallina</i>	1		1		1		1	1
			Cellariidae	<i>Terminocella</i>	n. sp.		2		2		2		2
				<i>Cellaria</i>	<i>humilis</i>	1		1		1		1	1
				<i>Cellaria</i>	<i>immersa</i>	1		1		1		1	1
				<i>Cellaria</i>	<i>tenuirostris</i>	4		4		4		4	4
				<i>Cellaria</i>	<i>tumida</i>	1		1		1		1	1
				<i>Euginoma</i>	n. sp.	1		1		1		1	1
				<i>Mesostomaria</i>	<i>strictoramae</i>	1		1		1		1	1
				<i>Stomhypselosaria</i>	<i>dupliforma</i>	2		2		2		2	2
				<i>?Stomhypselosaria</i>		1		1		1		1	1
				<i>Stomhypselosaria</i>			1		1		1		1
			Celleporidae	<i>Buffonellaria</i>	<i>biavicularis</i>	5		5		5		5	5
				<i>Buffonellaria</i>	<i>christinelloides</i>	1		1		1		1	1
				<i>Buffonellaria</i>	<i>depressa</i>	9		9		9		9	9
				<i>Buffonellaria</i>	<i>regenerata</i>	5		5		5		5	5
				<i>Buffonellaria</i>		1		1		1		1	1
				<i>Celleporina</i>	<i>costazii</i>	1		1		1		1	1
				<i>Celleporina</i>	<i>spatula</i>	3		3		3		3	3
				<i>Galeopsis</i>	<i>pentagonus</i>	5		5		5		5	5
				<i>Galeopsis</i>	<i>polyporus</i>	3		3		3		3	3
				<i>Galeopsis</i>	<i>porcellanicus</i>	3		3		3		3	3
				<i>Galeopsis</i>		1		1		1		1	1
				<i>Haswellina</i>	<i>multiaviculata</i>	1		1		1		1	1
				<i>Lagenipora</i>	<i>crenulata</i>	5		5		5		5	5
				<i>Lagenipora</i>	<i>ferocissima</i>	3		3		3		3	3
				<i>Lagenipora</i>	<i>hemiperistomata</i>	1		1		1		1	1
				<i>Lagenipora</i>	<i>laevissima</i>	2		3		2		2	3
				<i>Osthimosia</i>	<i>bicornis</i>	1		1		1		1	1
				<i>Osthimosia</i>	<i>eatonensis</i>	1		1		1		1	1
				<i>Osthimosia</i>	<i>imperforata</i>	5		5		5		5	5
				<i>Osthimosia</i>	<i>incomposita</i>	2		2		2		2	2
			<i>Osthimosia</i>	<i>virgula</i>	3		5		3		3	5	
			<i>Richbunea</i>	<i>incomposita</i>	1		1		1		1	1	
			<i>Richbunea</i>			1		1		1		1	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Celleporidae undet.			1		1			1		1
			Chaperiidae	<i>Chaperia</i>	<i>multispinosa</i>	19		20			19		20
				<i>Chaperiopsis</i>	<i>bispinosa</i>	2		2			2		2
				<i>Chaperiopsis</i>	<i>funda</i>	2		2			2		2
				<i>Chaperiopsis</i>	<i>intermediata</i>	9		9			9		9
				<i>Chaperiopsis</i>	<i>multifida</i>	4		4			4		4
				<i>Chaperiopsis</i>	<i>spiculata</i>	15		15			15		15
				<i>Chaperiopsis</i>	<i>tintinnabula</i>	7		7			7		7
				<i>Pyrichaperia</i>	<i>pyriformis</i>	3		3			3		3
			Chaperiidae undet.			3		3			3		3
			Cleidochasmatidae	<i>Yrbozoon</i>	n. sp.		1		4		1		4
			Conescharellinidae	<i>Conescharellina</i>	<i>angulopora</i>	1		1			1		1
				<i>Conescharellina</i>		1		1			1		1
			Crepidacanthidae	<i>Crepidacantha</i>	<i>bracebridgei</i>	18		18			18		18
				<i>Crepidacantha</i>	<i>crinispina</i>	24		24			24		24
				<i>Crepidacantha</i>	<i>disjuncta</i>	1		1			1		1
			Cribrilinidae	<i>Cribrilaria</i>	<i>biavicularia</i>	6		6			6		6
				<i>Cribrilaria</i>	<i>innominata</i>	26		26			26		26
				<i>Figularia</i>	<i>carinata</i>	9		9			9		9
				<i>Figularia</i>	<i>pelmatifera</i>	7		8			7		8
				<i>Figularia</i>	<i>spinea</i>	6		6			6		6
				<i>Figularia</i>		1		2			1		2
				<i>Klugerella</i>	<i>gordoni</i>	4	1	4	3		5		7
				<i>Membraniporella</i>	<i>bifurca</i>	9		9			9		9
				<i>Membraniporella</i>	<i>figularioides</i>	15		15			15		15
				<i>Membraniporella</i>		1		1			1		1
				<i>Puellina</i>	<i>scripta</i>	1		1			1		1
				<i>Puellina</i>		4		4			4		4
				<i>Reginella</i>	<i>stolonifera</i>	1		1			1		1
				<i>Reginella</i>	<i>vas</i>	3		3			3		3
			Cribrilinidae undet.			6		6			6		6
			Cryptosulidae	<i>Cryptosula</i>	<i>pallasiana</i>	1		1			1		1
			Electridae	<i>Jellyella</i>	<i>eburnea</i>	1		3			1		3
				<i>Mychoplectra</i>	<i>pocula</i>	1		1			1		1
			Epistomiidae	<i>Synotum</i>	<i>aegyptiacum</i>	3		3			3		3
			Escharinidae	<i>Bryopesanser</i>	<i>thricyng</i>	1		1			1		1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
					<i>Bryopesanser</i>	1		1		1		1	
					<i>Escharina pesanseris</i>	1		1		1		1	
					<i>Escharina waiparaensis</i>	4		4		4		4	
					<i>Hippomenella vellicata</i>	4		4		4		4	
					<i>Taylorius cylindratus</i>	1		1		1		1	
					<i>Taylorius spinosus</i>	2		2		2		2	
			Euoplozoidae		<i>Euoplozoum cirratum</i>	1		2		1		2	
					<i>Euoplozoum</i> n. sp.		1		1	1		1	
			Eurystomellidae		<i>Eurystomella crystallina</i>	2		2		2		2	
					<i>Eurystomella foraminigera</i>	1		1		1		1	
			Eurystomellidae undet.			1		1		1		1	
			Euthyroididae		<i>Euthyroides encrustans</i>	1		1		1		1	
					<i>Euthyroides jellyae</i>	1		1		1		1	
					<i>Euthyroides</i>	1		1		1		1	
			Exechonellidae		<i>Exechonella tuberculata</i>	4		4		4		4	
					<i>Exechonella</i>	1		1		1		1	
			Exochellidae		<i>Escharoides angela</i>	3		3		3		3	
					<i>Escharoides excavata</i>	13		13		13		13	
					<i>Exochella armata</i>	1		1		1		1	
					<i>Exochella tricuspis</i>	6		6		6		6	
			Farciminariidae		<i>Columnella dendroidea</i>	1		1		1		1	
					<i>Columnella magna</i>	1	13	1	33	14		34	
			Flustridae		<i>Gregarinidra serrata</i>	15		15		15		15	
					<i>Gregarinidra</i>	1		1		1		1	
			Flustridae undet.			1		1		1		1	
			Gigantoporidae		<i>Cosciniopsis vallata</i>	1		1		1		1	
					<i>Gephyrophora polymorpha</i>	3		3		3		3	
					<i>Gigantopora oropiscis</i>	2		2		2		2	
					<i>Gigantopora proximalis</i>	3		3		3		3	
					<i>Gigantopora pupa</i>	6		6		6		6	
					<i>Porina tricephala</i>	1		1		1		1	
			Gigantoporidae undet.			2		2		2		2	
			Hiantoporidae		<i>Hiantopora jucunda</i>	5		5		5		5	
			Hiantoporidae undet.			1		1		1		1	
			Hippoporidridae		<i>Odontoporella bishopi</i>	6		6		6		6	
			Hippoporinidae			3		3		3		3	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Hippothoidae	<i>Antarctothoa</i>	<i>delta</i>	4		4		4		4	
				<i>Chorizopora</i>	<i>brongiartii</i>	12		12		12		12	
				<i>Chorizopora</i>	<i>ferocissima</i>	4		4		4		4	
				<i>Chorizopora</i>	<i>papillata</i>	1		1		1		1	
				<i>Chorizopora</i>	<i>spicata</i>	3		3		3		3	
				<i>Hippothoa</i>	<i>calciophilia</i>	4		4		4		4	
				<i>Hippothoa</i>	<i>distans</i>	6		6		6		6	
				<i>Hippothoa</i>	<i>divaricata</i>	14		14		14		14	
				<i>Hippothoa</i>	<i>divaricata</i>	14		14		14		14	
				<i>Hippothoa</i>	<i>divaricata</i>	14		14		14		14	
				<i>Hippothoa</i>	<i>pacifica</i>	2		2		2		2	
				<i>Hippothoa</i>	<i>flagellum</i>	18		18		18		18	
				<i>Plesiothoa</i>	<i>australis</i>	1		1		1		1	
			Hippothoidae undet.			4		4		4		4	
			Inversiulidae	<i>Inversiula</i>	<i>fertilis</i>	6		6		6		6	
			Lacernidae	<i>Cribellopora</i>	<i>trichotoma</i>	4		4		4		4	
				<i>Lacerna</i>	n. sp.	1		1		1		1	
				<i>Nimba</i>	<i>terranovae</i>	9		9		9		9	
				<i>Nimba</i>	n. sp.	1		1		1		1	
				<i>Phonicosia</i>	<i>circinata</i>	16		16		16		16	
				<i>Phonicosia</i>	<i>glabra</i>	1		1		1		1	
				<i>Rogicka</i>	<i>biserialis</i>	9		9		9		9	
				<i>Rogicka</i>	<i>oceanica</i>	3		3		3		3	
				<i>Rogicka</i>	<i>volcanica</i>	1		1		1		1	
				<i>Rogicka</i>		1		1		1		1	
			Lanceoporidae	<i>Calypthotheca</i>	<i>mortoni</i>	1		1		1		1	
				<i>Calypthotheca</i>	<i>triangula</i>	4		4		4		4	
			Lekythoporidae	<i>Poecilopora</i>	<i>nova</i>	1		1		1		1	
			Lepraliellidae	<i>Buchmeria</i>		1		1		1		1	
				<i>Celleporaria</i>	<i>agglutinans</i>	1		1		1		1	
				<i>Celleporaria</i>	<i>tridenticulata</i>	4		4		4		4	
			Lepraliellidae undet.			3		3		3		3	
			Lunulitidae	<i>Lunulites</i>	<i>repandus</i>	3		3		3		3	
			Macroporidae	<i>Macropora</i>	<i>grandis</i>	12		12		12		12	
			Margarettidae	<i>Margaretta</i>	<i>barbata</i>	4		4		4		4	
			Membraniporidae	<i>Jellyella</i>	<i>tuberculata</i>	3		3		3		3	
			Microporellidae	<i>Calloporina</i>	<i>angustipora</i>	1		1		1		1	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Calloporina</i>	<i>triporosa</i>	6		6		6		6	
				<i>Fenestrulina</i>	<i>catastictos</i>	12		12		12		12	
				<i>Fenestrulina</i>	<i>disjuncta</i>	15		15		15		15	
				<i>Fenestrulina</i>	<i>gelasinoides</i>	1		1		1		1	
				<i>Fenestrulina</i>	<i>malusii incompta</i>	1		1		1		1	
				<i>Fenestrulina</i>	<i>malusii pulchra</i>	2		2		2		2	
				<i>Fenestrulina</i>	<i>personata</i>	1		1		1		1	
				<i>Fenestrulina</i>	<i>reticulata</i>	1		1		1		1	
				<i>Fenestrulina</i>	<i>thyreophora</i>	1		1		1		1	
				<i>Fenestrulina</i>		1		1		1		1	
				<i>Microporella</i>	<i>agonistes</i>	2		2		2		2	
				<i>Microporella</i>	<i>ciliata</i>	1		1		1		1	
				<i>Microporella</i>	<i>discors</i>	1		1		1		1	
				<i>Microporella</i>	<i>intermedia</i>	1		1		1		1	
				<i>Microporella</i>	<i>lineata</i>	10		10		10		10	
				<i>Microporella</i>	<i>marsupiata</i>	7		7		7		7	
				<i>Microporella</i>	<i>orientalis</i>	15		15		15		15	
				<i>Microporella</i>		1		2		1		2	
				<i>Tenthrenulina</i>	<i>dispar</i>	3		3		3		3	
			Microporellidae undet.			4		4		4		4	
			Microporidae	<i>Manzonella</i>	<i>monopia</i>	6		6		6		6	
				<i>Micropora</i>	<i>coriacea</i>	10		10		10		10	
				<i>Micropora</i>	<i>elegans</i>	6		6		6		6	
				<i>Micropora</i>	<i>mortenseni</i>	6		6		6		6	
				<i>Mollia</i>	cf. <i>multijuncta</i>	1		1		1		1	
				<i>Mollia</i>	<i>multijuncta</i>	9		9		9		9	
				<i>Mollia</i>		1		1		1		1	
				<i>Opaeophora</i>		1		1		1		1	
			Monoporellidae	<i>Monoporella</i>	<i>nodulifera</i>	5		5		5		5	
			Pasytheidae	<i>Gemellipora</i>	<i>eburnea</i>	1		1		1		1	
			Petalostegidae	<i>Petalostegus</i>	<i>bicornis</i>	2	1	2	1	3		3	
				<i>Petalostegus</i>	<i>trimorphus</i>		1		1	1		1	
			Petraliellidae	<i>Discopora</i>	<i>intermediata</i>	2		2		2		2	
				<i>Petraliella</i>		1		1		1		1	
			Petraliidae			1		1		1		1	
			Phidoloporidae	<i>Brodiella</i>	<i>longispinata</i>	9		9		9		9	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Hippellozoon</i>	<i>novaezealandiae</i>	1		1		1		1	
				<i>Iodictyum</i>	n. sp.		1		1	1		1	1
				<i>Pleuromucrum</i>	<i>mooraboolensis</i>	4		4		4		4	4
				<i>Reteporellina</i>	<i>samoensis</i>	2		3		2		3	3
				<i>Rhynchozoon</i>	<i>angulatum</i>	1		1		1		1	1
				<i>Rhynchozoon</i>	<i>crenulatum</i>	3		3		3		3	3
				<i>Rhynchozoon</i>	<i>larreyi</i>	3		3		3		3	3
				<i>Rhynchozoon</i>	<i>paa</i>	8		8		8		8	8
				<i>Rhynchozoon</i>	<i>tubulosum</i>	3		3		3		3	3
				<i>Rhynchozoon</i>		2		2		2		2	2
				<i>Schedocleidochasma</i>	<i>porcellanum</i>	13		13		13		13	13
				<i>Sertella</i>	<i>concinna</i>	4		4		4		4	4
				<i>Sertella</i>	<i>malleatia</i>	2		2		2		2	2
			Phidoloporidae undet.			3		3		3		3	3
			Phoriopniidae	<i>Oppiphorina</i>	<i>epaxia</i>	5		5		5		5	5
			Porinidae	<i>Haswellina</i>	<i>multiaviculata</i>	1		1		1		1	1
				<i>Haswelliporina</i>	<i>multiaviculata</i>	1		2		1		2	2
			Porinidae undet.			1		1		1		1	1
			Prostomariidae	<i>Prostomaria</i>	<i>gibbericollis</i>	1		1		1		1	1
				<i>Prostomaria</i>	<i>inexpectabilis</i>	2		2		2		2	2
			Pyrisinellidae	<i>Pyriporoides</i>	<i>planus</i>	1		1		1		1	1
			Quadricellariidae	<i>Quadricellaria</i>	<i>bocki</i>	1		1		1		1	1
			Romancheinidae	<i>Elleschara</i>	<i>bensoi</i>	5		5		5		5	5
				<i>Escharella</i>	<i>incudifera</i>	2		2		2		2	2
				<i>Escharella</i>	<i>spinosissima</i>	1		1		1		1	1
				<i>Gemellipora</i>	<i>eburnea</i>	1		1		1		1	1
				<i>Hellerasca</i>	<i>haywardi</i>	2		2		2		2	2
			Schizoporellidae	<i>Arthropoma</i>	<i>cecilii</i>	11		11		11		11	11
				<i>Chiastosella</i>	<i>longaevitas</i>	14		14		14		14	14
				<i>Emballotheca</i>	<i>monomorpha</i>	6		6		6		6	6
				<i>Emballotheca</i>		1		1		1		1	1
				<i>Lacerna</i>	<i>problematica</i>	10		10		10		10	10
				<i>Lacerna</i>		1		1		1		1	1
			Schizoporellidae undet.			4		4		4		4	4
			Smittinidae	<i>Hemismittoidea</i>	<i>hexaspinosa</i>	14		14		14		14	14
				<i>Hemismittoidea</i>		1		1		1		1	1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Hippomonavella</i>	<i>gymnae</i>	2		2		2		2	
				<i>Parasmittina</i>	<i>delicatula</i>	1		1		1		1	
				<i>Parasmittina</i>	<i>serrula</i>	7		7		7		7	
				<i>Parasmittina</i>	<i>tropica</i>	1		1		1		1	
				<i>Parasmittina</i>	<i>tubula</i>	1		1		1		1	
				<i>Parasmittina</i>		3		3		3		3	
				<i>Smittina</i>	<i>punctata</i>	2		2		2		2	
				<i>Smittina</i>	<i>rosacea</i>	2		2		2		2	
				<i>Smittina</i>	<i>spiraminifera</i>	2		2		2		2	
				<i>Smittina</i>	<i>torques</i>	4		4		4		4	
				<i>Smittina</i>		1		1		1		1	
				<i>Smittoidea</i>	<i>curtisensis</i>	4		4		4		4	
				<i>Smittoidea</i>	<i>glabra</i>	1		1		1		1	
				<i>Smittoidea</i>	<i>hyalina</i>	5		5		5		5	
				<i>Smittoidea</i>	<i>zelandiae</i>	9		9		9		9	
				<i>Smittoidea</i>			4		4		4		4
			Smittinidae undet.			6		6		6		6	
			Steginoporellidae	<i>Steginoporella</i>	<i>lineata</i>	1		6		1		6	
				<i>Steginoporella</i>	<i>magnifica</i>	10		10		10		10	
				<i>Steginoporella</i>	<i>neozelanica</i>	6		6		6		6	
				<i>Steginoporella</i>		2		2		2		2	
			Teuchoporidae	<i>Lagenicella</i>	<i>exallos</i>	2		2		2		2	
				<i>Lagenicella</i>	<i>lacunosa</i>	2		2		2		2	
			Teuchoporidae undet.			4		4		4		4	
			Thalamoporellidae	<i>Thalamoporella</i>	<i>quadrata</i>	5		5		5		5	
				<i>Unithalamus</i>	<i>seorsus</i>		1		6	1		6	
			Thalamoporellidae undet.			1		1		1		1	
			Umbonulidae	<i>Rhamphostomella</i>	<i>rogickae</i>	13		13		13		13	
			Watersiporidae	<i>Watersipora</i>	<i>arcuata</i>	1		1		1		1	
				<i>Watersipora</i>	<i>subtorquata</i>	1		1		1		1	
		Ctenostomata	Alcyonidiidae	<i>Alcyonidium</i>	<i>kermadecense</i>	2		2		2		2	
			Alcyonidiidae undet.			1		1		1		1	
			Flustrellidridae	<i>Elzerina</i>	<i>badia</i>	2		2		2		2	
			Flustrellidridae undet.			1		1		1		1	
			Mimosellidae	<i>Bantariella</i>	<i>cookae</i>	2		2		2		2	
			Nolellidae	<i>Nolella</i>	<i>stipata</i>	1		1		1		1	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Penetrantiidae	<i>Penetrantia</i>	<i>parva</i>	5		5		5		5	
	Stenolaemata	Cyclotomata	Incertae sedis	<i>Telopora</i>	<i>buski</i>	1		1		1		1	
			Lichenoporidae	<i>Disporella</i>			2		2		2		2
			Oncousoeciidae	<i>Oncousoecia</i>			1		1		1		1
			Tubuliporidae	<i>Idmidronea</i>			1		1		1		1
	Bryozoa undet.					38	1	44	1		39		45
	Cephalorhyncha	Priapulida					1		1		1		1
	Chordata	Ascidiacea [Tunicates]	Enterogona Aplousobranchia	Didemnidae				2		2		2	
				Polycitoridae	<i>Eudistoma</i>	n. sp.	2		2		2		2
				Pseudodistomidae	<i>Pseudodistoma</i>	<i>novaezealandiae</i>	2		2		2		2
					<i>Pseudodistoma</i>	n. sp.	2		2		2		2
			Phlebobranchia					1		1		1	
			Pleurogona Stolidobranchia	Molgulidae	<i>Oligotrema</i>	n. sp.		2		4		2	
				Pyuridae	<i>Culeolus</i>	<i>hospitalis</i>		1		1		1	
					<i>Culeolus</i>			2		2		2	
					<i>Paraculeolus</i>			1		3		1	
				Styelidae	<i>Styela</i>	n. sp.		1		2		1	
			Ascidiacea undet.			24	4	24	5		28		29
	Cnidaria	Anthozoa	Actiniaria	Actinostolidae	<i>Hormosoma</i>			1		1		1	
				Actinostolidae undet.			1	16		1	74	17	75
				Halcuriidae	<i>Halcurias</i>	<i>endocoelectis</i>		4		12		4	12
					<i>Halcurias</i>			1		3		1	3
				Hormathiidae				5		17		5	17
				Isanthidae				1		2		1	2
			Actiniaria undet.				31	22		68	283	53	351
			Alcyonacea	Acanthogorgiidae	<i>Acanthogorgia</i>	sp. 1	1			6		1	6
					<i>Acanthogorgia</i>	sp. 3	1			1		1	1
					<i>Acanthogorgia</i>		12	9		12	13	21	25
				Acanthogorgiidae undet.			1			1		1	1
				Alcyoniidae	<i>Anthomastus</i>	sp. 1	1			1		1	1
					<i>Anthomastus</i>	sp. 2	1			1		1	1
					<i>Anthomastus</i>		5	13		5	20	18	25
					<i>Cladiella</i>		4			4		4	4
					<i>?Eleutherobia</i>				3		4	3	4
					<i>Heteropolypus</i>				1		2	1	2

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Pseudoanthomastus</i>			1	1			1		1
				<i>Sarcophyton</i>					4		4		4
			Anthothelidae	<i>Victorgorgia</i>	n. sp.				1		1		1
			Chrysogorgiidae	<i>Chrysogorgia</i>	<i>expansa</i>						1		8
				<i>Chrysogorgia</i>	sp. 11-1				1		1		2
				<i>Chrysogorgia</i>	sp. 11-2				1		1		1
				<i>Chrysogorgia</i>	sp. 11-3				1		1		1
				<i>Chrysogorgia</i>	sp. 11-4				1		1		1
				<i>Chrysogorgia</i>				16	11	24	15	27	39
				<i>Iridogorgia</i>				2	3	2	3	5	5
				<i>Isidoidea</i>	cf. <i>armata</i>			2		2		2	2
				<i>Isidoidea</i>				1	1	1	1	2	2
				<i>Metallogorgia</i>	<i>melanotrichos</i>					2		2	2
				? <i>Metallogorgia</i>					1		1		1
				<i>Metallogorgia</i>				1	5	2	7	6	9
				<i>Radicipes</i>					1		1		1
			Chrysogorgiidae undet.						1		1		1
			Clavulariidae						1		1		1
			Coralliidae	<i>Corallium</i>	<i>borneanse</i>			1		1		1	1
				<i>Corallium</i>	cf. <i>kishinouyei</i>				2		3	2	3
				<i>Corallium</i>	cf. <i>konojoi</i>				1		1		1
				<i>Corallium</i>	<i>nix</i>			2		2		2	2
				<i>Corallium</i>	<i>thrinax</i>			2		2		2	2
				<i>Corallium</i>	sp. 1			5		5		5	5
				<i>Corallium</i>	sp. 4				1		1		1
				<i>Corallium</i>				18	3	20	3	21	23
				<i>Hemicorallium</i>	<i>imperiale</i>			2	5	2	5	7	7
				<i>Hemicorallium</i>	<i>laauense</i>			1		1		1	1
				<i>Hemicorallium</i>	cf. <i>laauense</i>				4		11	4	11
				<i>Hemicorallium</i>				5		27		5	27
				<i>Paracorallium</i>				2		2		2	2
			Coralliidae undet.					3		3		3	3
			Ellisellidae	<i>Nicella</i>	<i>carinata</i>			1		1		1	1
				<i>Nicella</i>	cf. <i>carinata</i>			1		1		1	1
				<i>Viminella</i>				2		2		2	2
			Ellisellidae undet.					1		1		1	1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Gorgoniidae	n. gen. A	n. sp. 1	3		3		3		3	
			Gorgoniidae undet.			1		1		1		1	
			Isididae	<i>Acanella</i>		3	3	7	13	6		20	
				<i>Chathamisis</i>	n. sp. 1			5	5	5		5	
				<i>?Isidella</i>				2	2	2		2	
				<i>Isidella</i>		1	1	10	3	2		13	
				<i>Jasonisis</i>				1	10	1		10	
				<i>Keratoisis</i>	<i>hikurangiensis</i>	2		2		2		2	
				<i>Keratoisis</i>	<i>peara</i>	1		1		1		1	
				<i>Keratoisis</i>	sp. 1	1		1		1		1	
				<i>Keratoisis</i>	sp. 5	1		1		1		1	
				<i>?Keratoisis</i>				1	2	1		2	
				<i>Keratoisis</i>		3	19	9	26	22		35	
				<i>Lepidisis</i>	sp. 1	1		1		1		1	
				<i>Lepidisis</i>	sp. 2	1	2	1	2	3		3	
				<i>Lepidisis</i>	sp. 6	1		1		1		1	
				<i>Lepidisis</i>	sp. 8	1		1		1		1	
				<i>Lepidisis</i>		4	2	8	16	6		24	
				<i>Minuisis</i>				1	1	1		1	
				<i>Orstomisis</i>	<i>?crosnieri</i>	1		6		1		6	
				<i>Orstomisis</i>	<i>crosnieri</i>	1		3		1		3	
				<i>Prinnoisis</i>	<i>fragilis</i>	1		5		1		5	
			Keratoisidinae (subfam.)					1	1	1		1	
			Isididae undet.			4	4	8	4	8		12	
			Keroeidae	<i>Keroeides</i>		3		3		3		3	
			Nephtheidae	<i>Drifa</i>	sp. 3	1		1		1		1	
			Nephtheidae		sp. 1	1		1		1		1	
			Nephtheidae		sp. 2	1		1		1		1	
			Nephtheidae		sp. 4	1		1		1		1	
			Nephtheidae undet.				1		1	1		1	
			Nidaliidae	<i>Chironephthya</i>	sp. 2	1		1		1		1	
				<i>Chironephthya</i>		6		6		6		6	
				<i>Siphonogorgia</i>		1		1		1		1	
			Nidaliidae undet.			1		1		1		1	
			Paragorgiidae	<i>Paragorgia</i>	<i>maunga</i>			1	1	1		1	
				<i>Paragorgia</i>				2	2	2		2	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Sibogorgia</i>	<i>tautahi</i>	1		1		1		1	
			Plexauridae	<i>Anthomuricea</i>	sp. 1	5		5		5		5	
				<i>Anthomuricea</i>	sp. 2		3		4	3		4	
				<i>?Anthomuricea</i>			1		1	1		1	
				<i>Bebryce</i>	sp. 1	2		2		2		2	
				<i>Bebryce</i>		2		2		2		2	
				<i>Dentomuricea</i>	sp. 1		1		1	1		1	
				<i>?Echinogorgia</i>		1		1		1		1	
				<i>Euplexaura</i>	sp. 1	1		1		1		1	
				<i>Muriceides</i>	sp. 1		1		1	1		1	
				<i>Muriceides</i>	sp. 2		1		1	1		1	
				<i>Muriceides</i>		1	3	1	4	4		5	
				<i>Paracis</i>	sp. 1	2		3		2		3	
				<i>Paracis</i>	sp. 2	1		1		1		1	
				<i>Paracis</i>		13		13		13		13	
				<i>Paramuricea</i>	sp. 1	2		2		2		2	
				<i>?Paramuricea</i>			1		1	1		1	
				<i>Paramuricea</i>			5		5	5		5	
				<i>Placogorgia</i>	sp. 4	1		1		1		1	
				<i>Placogorgia</i>		1	1	2	2	2		4	
				<i>Scleracis</i>	sp. 1	1		1		1		1	
				<i>Scleracis</i>		1		1		1		1	
				<i>Swiftia</i>		1		1		1		1	
				<i>Trachymuricea</i>			1		1	1		1	
				<i>Villogorgia</i>	sp. 1	1	2	1	2	3		3	
				<i>Villogorgia</i>	sp. 2		2		10	2		10	
				<i>Villogorgia</i>	sp. 3		2		2	2		2	
				<i>Villogorgia</i>	sp. 4	1		1		1		1	
				<i>Villogorgia</i>			5		5	5		5	
			Plexauridae	n. gen. B	n. sp. 1	8		13		8		13	
			Plexauridae		n. sp. 1	1		45		1		45	
			Plexauridae		sp. 1	2		2		2		2	
			Plexauridae		sp. 2	5	2	28	3	7		31	
			Plexauridae		sp. 3	1		1		1		1	
			Plexauridae undet.			6	6	9	10	12		19	
			Primnoidae	<i>Callogorgia</i>	<i>sertosa</i>	1		1		1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Callogorgia</i>	sp. 2	2		2			2		2
				<i>Callogorgia</i>		5		6			5		6
				<i>Calyptrophora</i>	<i>clinata</i>	2		2			2		2
				<i>Calyptrophora</i>	<i>cucullata</i>	5		5			5		5
				<i>Calyptrophora</i>	<i>diaphana</i>	1	1	1	1		2		2
				<i>Calyptrophora</i>	<i>niwa</i>		2		3		2		3
				<i>Calyptrophora</i>	<i>wyvillei</i>	2		2			2		2
				<i>Calyptrophora</i>		19	1	52	1		20		53
				<i>Candidella</i>	<i>helminthophora</i>		15		25		15		25
				<i>Candidella</i>			1		1		1		1
				<i>Fanellia</i>	<i>tuberculata</i>	3		3			3		3
				<i>Fanellia</i>	<i>histoclados</i>	2		6			2		6
				<i>Fanellia</i>	sp. 1	1		1			1		1
				<i>Fanellia</i>		1		1			1		1
				<i>Loboprinoa</i>	<i>exotica</i>		1		1		1		1
				<i>Narella</i>	<i>clavata</i>	5		8			5		8
				<i>Narella</i>	<i>hypsocalyx</i>	2		9			2		9
				<i>Narella</i>	<i>parva</i>	3	3	5	8		6		13
				<i>Narella</i>	<i>studerii</i>	2		2			2		2
				<i>Narella</i>	<i>vulgaris</i>	4		4			4		4
				<i>Narella</i>	sp. 10	1	1	1	10		2		11
				<i>Narella</i>		9	8	26	12		17		38
				<i>Ophidiogorgia</i>	cf. <i>kuekenthali</i>	1		1			1		1
				<i>Ophidiogorgia</i>		1		1			1		1
				<i>Plumarella</i>	(<i>Faxiella</i>)	1		1			1		1
				<i>Primnoella</i>	<i>distans</i>	4		4			4		4
				<i>Primnoella</i>		1		1			1		1
				<i>Thouarella</i>	sp. 4	1		1			1		1
				<i>Thouarella</i>		2		2			2		2
				<i>Tokoprymno</i>	<i>maia</i>		1		1		1		1
				<i>Tokoprymno</i>			1		1		1		1
				Primnoidae undet.		4	3	8	3		7		11
				Taiarioiidae	<i>Taiaroa</i>	1	2	1	3		3		4
				Alcyonacea undet. Gorgonacea (NOW ALCYONACEA) undet.		52	4	65	4		56		69
				Antipatharia	Antipathidae	1		1			1		1
				<i>Antipathes</i>	cf. <i>gracilis</i>								

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Antipathes</i>	<i>gracilis</i>	2		2		2		2	
				<i>Antipathes</i>	<i>leptocrada</i>	2		2		2		2	
				<i>Antipathes</i>	<i>myriopathes</i>	1		1		1		1	
				<i>Antipathes</i>	cf. <i>plana</i>	1		1		1		1	
				<i>Antipathes</i>	<i>valdiviae</i>	1		1		1		1	
				<i>Antipathes</i>		7		7		7		7	
				<i>Aphanipathes</i>		2		2		2		2	
				<i>Cirrhopathes</i>	<i>propinqua</i>		1		1	1		1	
				<i>Parantipathes</i>	<i>tenuispina</i>	1		1		1		1	
				<i>Stichopathes</i>	<i>echinulata</i>	1		1		1		1	
				<i>Stichopathes</i>	<i>variabilis</i>	20		24		20		24	
				<i>Stichopathes</i>		10	1	11	1	11		12	
			Aphanipathidae	<i>Acanthopathes</i>	cf. <i>undulata</i>	2		2		2		2	
				<i>Acanthopathes</i>		5		13		5		13	
				<i>Antipathella</i>		1		1		1		1	
				<i>Asteriopathes</i>	cf. <i>arachniformis</i>	1		1		1		1	
				<i>Asteriopathes</i>	n. sp.	1		1		1		1	
				<i>Asteriopathes</i>		1		1		1		1	
				<i>Phanopathes</i>	<i>zealandica</i>	1		1		1		1	
				<i>Rhipidipathes</i>		1		1		1		1	
			Cladopathidae	<i>Trissopathes</i>			1		1	1		1	
				<i>Trissopathes</i>	<i>tristicha</i>		1		1	1		1	
			Leiopathidae	<i>Leiopathes</i>	<i>bullosa</i>	1	2	1	2	3		3	
				<i>Leiopathes</i>	<i>secunda</i>		1		1	1		1	
				<i>Leiopathes</i>		1	3	1	3	4		4	
			Myriopathidae	<i>Antipathella</i>		3	1	3	1	4		4	
				<i>Cupressopathes</i>		1		1		1		1	
				? <i>Cupressopathes</i>		1		1		1		1	
				<i>Cupressopathes</i>		3		3		3		3	
				<i>Myriopathes</i>	cf. <i>myriophylla</i>	1		5		1		5	
				<i>Myriopathes</i>	<i>myriophylla</i>	2		2		2		2	
				<i>Myriopathes</i>	cf. <i>ulex</i>	1		1		1		1	
				<i>Myriopathes</i>		3		3		3		3	
				<i>Plumapathes</i>	<i>fernandezi</i>	2		2		2		2	
				<i>Plumapathes</i>		1		1		1		1	
			Schizopathidae	<i>Bathypathes</i>	<i>patula</i>	1	3	1	3	4		4	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
					<i>Bathypathes</i>	1	3	1	4	4		5	
					<i>Dendrobathypathes</i>				3	1		3	
					<i>Dendropathes intermedia</i>			1	1	1		1	
					? <i>Lillipathes</i>				1	1		1	
					<i>Parantipathes</i>				3	3		3	
					<i>Stauropathes</i>	1	1	1	1	2		2	
					<i>Umbellapathes parvula</i>				1	1		1	
			Stylopathidae		<i>Stylopathes cf. columnaris</i>	1		2		1		2	
					<i>Stylopathes columnaris</i>	1		1		1		1	
					<i>Stylopathes cf. tenuispina</i>	2		2		2		2	
					<i>Stylopathes tenuispina</i>	1		1		1		1	
					<i>Stylopathes</i>	11		12		11		12	
					? <i>Tylopathes</i>				1	1		1	
		Antipatharia undet.				7	2	9	2	9		11	
		Ceriantharia				1		1		1		1	
		Pennatulacea	Anthoptilidae		<i>Anthoptilum</i>				1	1		1	
			Halopteridae		<i>Halopteris cf. willemoesi</i>			2	42	2		42	
					<i>Halopteris</i>			3	4	3		4	
			Kophobelemnidae		<i>Kophobelemnion cf. biflora</i>			1	1	1		1	
					<i>Kophobelemnion</i>			1	1	1		1	
			Pennatulidae		<i>Pennatula cf. moseleyi</i>			1	1	1		1	
					<i>Pennatula</i>			1	1	1		1	
			Protoptilidae		<i>Protoptilum</i>				1	1		1	
			Umbellulidae		<i>Umbellula</i>	1	1	1	1	2		2	
		Pennatulacea undet.				10	1	10	1	11		11	
		Scleractinia	Agariciidae		<i>Leptoseris papyracea</i>	4		7		4		7	
			Anthemiphyllidae		<i>Anthemiphyllia dentata</i>	2		4		2		4	
			Anthemiphylliidae		<i>Anthemiphyllia dentata</i>	2		2		2		2	
			Astrocoeniidae		<i>Madracis</i>	1		1		1		1	
			Caryophylliidae		<i>Anomocora cf. fecunda</i>	1		1		1		1	
					<i>Anomocora fecunda</i>	2		5		2		5	
					<i>Aulocyathus recidivus</i>	1	1	1	1	2		2	
					<i>Bourneotrochus stellulatus</i>	1		1		1		1	
					<i>Caryophyllia ambrosia</i>	1		2		1		2	
					<i>Caryophyllia atlantica</i>				1	1		1	
					<i>Caryophyllia diomedea</i>	4	1	4	2	5		6	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Caryophyllia</i>	<i>elongata</i>	3		3		3		3	
				<i>Caryophyllia</i>	<i>hawaiiensis</i>	3		3		3		3	
				<i>Caryophyllia</i>	<i>lamellifera</i>	1		1		1		1	
				<i>Caryophyllia</i>	<i>profunda</i>		4		4		4		4
				<i>Caryophyllia</i>	<i>rugosa</i>	15		18		15		18	
				<i>Caryophyllia</i>	<i>scobinosa</i>	3		31		3		31	
				<i>Caryophyllia</i>		6	6	10	11	12		21	
				<i>Coenocyathus</i>	<i>brooki</i>	1		1		1		1	
				<i>Conotrochus</i>	<i>brunneus</i>	4		4		4		4	
				<i>Crispatotrochus</i>	<i>rugosus</i>	2		3		2		3	
				<i>Crispatotrochus</i>		1		1		1		1	
				<i>Deltocyathus</i>	<i>formosus</i>	5		10		5		10	
				<i>Deltocyathus</i>	<i>suluensis</i>		2		5	2		5	
				<i>Deltocyathus</i>		1	4	2	7	5		9	
				<i>Desmophyllum</i>	<i>dianthus</i>	8	26	36	109	34		145	
				<i>Goniocorella</i>	<i>dumosa</i>	1	1	1	1	2		2	
				<i>Hoplangia</i>			1		1	1		1	
				<i>Labyrinthocyathus</i>	<i>limatulus</i>	1		4		1		4	
				<i>Polycyathus</i>		1		1		1		1	
				<i>Premocyathus</i>	<i>compressa</i>	1		1		1		1	
				<i>Solenosmilia</i>	<i>variabilis</i>	3	36	5	78	39		83	
				<i>Stephanocyathus</i>	<i>coronatus</i>	1	3	1	4	4		5	
				<i>Stephanocyathus</i>	<i>regius</i>	1		1		1		1	
				<i>Stephanocyathus</i>	<i>spiniger</i>	2		2		2		2	
				<i>Tethocyathus</i>	<i>virgatus</i>	2		6		2		6	
				<i>Thalamophyllia</i>	<i>tenuescens</i>	1		4		1		4	
				<i>Trochocyathus</i>	<i>cepulla</i>	1		1		1		1	
				<i>Trochocyathus</i>	<i>gordoni</i>	4		96		4		96	
				<i>Trochocyathus</i>	<i>hastatus</i>	2		4		2		4	
				<i>Trochocyathus</i>	<i>maculatus</i>	2		2		2		2	
				<i>Trochocyathus</i>	<i>rhombocolumna</i>	1		1		1		1	
				<i>Trochocyathus</i>		1		1		1		1	
				<i>Vaughanella</i>	<i>multipalifera</i>	2		2		2		2	
				<i>Vaughanella</i>			1		1	1		1	
			Caryophylliidae undet.				2		3	2		3	
			Dendrophylliidae	<i>Balanophyllia</i>	<i>crassithec</i>	2		2		2		2	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
					<i>Balanophyllia</i>	3		3		3		3	
					<i>Dendrophyllia alcocki</i>	8		22		8		22	
					<i>Dendrophyllia arbuscula</i>	2		2		2		2	
					<i>Dendrophyllia</i>	1		1		1		1	
					<i>Eguchipsammia fistula</i>	5		45		5		45	
					<i>Eguchipsammia gaditana</i>	7		19		7		19	
					<i>Eguchipsammia japonica</i>		1		3	1		3	
					<i>Eguchipsammia ?japonica</i>	3		10		3		10	
					<i>Eguchipsammia</i> n. sp.		1		4	1		4	
					<i>Eguchipsammia</i>		3		27	3		27	
					<i>Enallopsammia rostrata</i>	9		12		9		12	
					<i>Enallopsammia</i>		1		2	1		2	
					<i>Endopachys grayi</i>	2		6		2		6	
			Faviidae		<i>Goniastrea australensis</i>	1		1		1		1	
			Flabellidae		<i>Flabellum aotearoa</i>	2		2		2		2	
					<i>Flabellum hoffmeisteri</i>	4		8		4		8	
					<i>Flabellum knoxi</i>	1		1		1		1	
					<i>Flabellum lowekeyesi</i>	1		1		1		1	
					<i>Flabellum messum</i>	4		4		4		4	
					<i>Flabellum</i>	4		9		4		9	
					<i>Javania lamprotichum</i>	2		5		2		5	
					<i>Javania pachythea</i>	3		12		3		12	
					<i>?Javania</i>		1		1	1		1	
					<i>Javania</i>		2		5	2		5	
					<i>Placotrochides</i>	1		1		1		1	
					<i>Polymyces wellsi</i>	6	3	10	3	9		13	
					<i>Rhizotrochus flabelliformis</i>	1		1		1		1	
					<i>Truncatoflabellum arcuatum</i>	1		3		1		3	
					<i>Truncatoflabellum dens</i>	1		1		1		1	
					<i>Truncatoflabellum paripavoninum</i>	4	2	4	2	6		6	
					<i>Truncatoflabellum phoenix</i>	3		8		3		8	
					<i>Truncatoflabellum</i>		1		2	1		2	
			Fungiacyathidae		<i>Fungiacyathus margaretae pusillus</i>	1		1		1		1	
					<i>Fungiacyathus pacificus</i>	2		4		2		4	
					<i>Fungiacyathus stephanus</i>	1		1		1		1	
					<i>Fungiacyathus</i>	2		2		2		2	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Gardineriidae	<i>Gardineria</i>		3		5			3		5
			Guyniidae	<i>Stenocyathus</i>	<i>vermiformis</i>	7		10			7		10
				<i>Truncatogynia</i>	<i>irregularis</i>	4		4			4		4
			Merulinidae	<i>Hydnophora</i>	<i>pilosa</i>	1		1			1		1
			Micrabaciidae	<i>Letepsammia</i>	<i>formosissima</i>	3		7			3		7
				<i>Letepsammia</i>	<i>superstes</i>	3		3			3		3
			Oculinidae	<i>Madrepora</i>	<i>oculata</i>	7	4	12	10		11		22
				<i>Oculina</i>	<i>virgosa</i>	1		2			1		2
			Pocilloporidae	<i>Pocillopora</i>	<i>damicornis</i>	1		1			1		1
			Poritidae	<i>Alveopora</i>		1		1			1		1
			Siderastreidae	<i>Coscinaraea</i>	<i>columna</i>	1		1			1		1
			Turbinoliidae	<i>Deltocyathus</i>		1		1			1		1
				<i>Notocyathus</i>	<i>conicus</i>	1		1			1		1
				<i>Thrypticotrochus</i>	<i>multilobatus</i>	1		1			1		1
				<i>Thrypticotrochus</i>	<i>petterdi</i>	1		1			1		1
		Scleractinia undet.				35	3	40	3		38		43
		Zoantharia	Epizoanthidae	<i>Epizoanthus</i>	<i>paguriphilus</i>	1		1			1		1
				<i>Epizoanthus</i>	cf. <i>stellaris</i>		1		1		1		1
				<i>Epizoanthus</i>		1		1			1		1
			Parazoanthidae	<i>Savalia</i>		3		3			3		3
			Parazoanthidae undet.				1		30		1		30
			Sphenopidae	<i>Palythoa</i>	<i>tuberculosa</i>	1		1			1		1
			Zoanthidae			1	2	1	2		3		3
		Zoantharia undet.				3	5	3	215		8		218
	Octocorallia (subclass)					2		2			2		2
	Anthozoa undet.					10		55			10		55
	Hydrozoa	Anthoathecata	Eudendriidae	<i>Eudendrium</i>			4		75		4		75
			Solanderiidae	<i>Solanderia</i>	<i>ericopsis</i>	1		1			1		1
				<i>Solanderia</i>			1		10		1		10
			Stylasteridae	<i>Calyptopora</i>	<i>reticulata</i>	1		1			1		1
				<i>Calyptopora</i>	<i>sinuosa</i>	5		5			5		5
				<i>Conopora</i>	<i>laevis</i>	11	3	11	5		14		16
				<i>Conopora</i>	cf. <i>verrucosa</i>		1		1		1		1
				<i>Conopora</i>	<i>verrucosa</i>	3	1	3	2		4		5
				? <i>Conopora</i>		1		1			1		1
				<i>Conopora</i>		5		5			5		5

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Crypthelia</i>	<i>polypoma</i>	1		1		1		1	
				<i>Crypthelia</i>	<i>robusta</i>		1		1	1		1	
				<i>Crypthelia</i>	<i>?stuederi</i>	1		4		1		4	
				<i>Crypthelia</i>	<i>stuederi</i>	3	1	4	1	4		5	
				<i>?Crypthelia</i>		1		4		1		4	
				<i>Crypthelia</i>		3	2	7	10	5		17	
				<i>Errina</i>	<i>cheilopora</i>		1		1	1		1	
				<i>Errina</i>	<i>sinuosa</i>	12		13		12		13	
				<i>Errina</i>		1		1		1		1	
				<i>Inferiolabiata</i>	<i>spinosa</i>	1		1		1		1	
				<i>Inferiolabiata</i>		1		1		1		1	
				<i>Lepidopora</i>	<i>cryptocymas</i>	1		1		1		1	
				<i>Lepidopora</i>	<i>microstylus</i>	1		1		1		1	
				<i>Lepidopora</i>	<i>sarmentosa</i>	1		1		1		1	
				<i>Lepidopora</i>		2		2		2		2	
				<i>Lepidotheca</i>	<i>altispina</i>	2		2		2		2	
				<i>Lepidotheca</i>			2		2	2		2	
				<i>Stylaster</i>	<i>eguchii</i>	3	3	3	7	6		10	
				<i>Stylaster</i>	<i>imbricatus</i>	1		1		1		1	
				<i>Stylaster</i>	<i>?sinuosus</i>	1		9		1		9	
				<i>Stylaster</i>	<i>sinuosus</i>	2		2		2		2	
				<i>Stylaster</i>	n. sp. A	3		4		3		4	
				<i>Stylaster</i>		2		2		2		2	
				Stylasteridae undet.		18	6	32	12	24		44	
	Hydrozoa	Anthoathecata undet.					6		9	6		9	
		Leptothecata	Aglaopheniidae	<i>Aglaophenia</i>	<i>laxa</i>	1		1		1		1	
				<i>Gymnangium</i>	<i>japonicum</i>		1		1	1		1	
				<i>Lytocarpia</i>	<i>alata</i>	1		1		1		1	
				<i>Lytocarpia</i>	<i>spiralis</i>	1		1		1		1	
				<i>Macrorhynchia</i>	<i>phoenicea</i>	1		1		1		1	
			Campanulariidae	<i>Tulpa</i>	<i>diverticulata</i>		1		30	1		30	
			Campanulinidae			2		3		2		3	
			Haleciidae	<i>Halecium</i>			4		15	4		15	
			Halopterididae	<i>Corhiza</i>	<i>scotiae</i>	1		2		1		2	
			Lafoeidae	<i>Acryptolaria</i>	<i>angulata</i>	2	1	2	7	3		9	
				<i>Acryptolaria</i>	<i>conferta</i>	4		4		4		4	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Acryptolaria</i>	<i>crassicaulis</i>	1		1		1		1	
				<i>Acryptolaria</i>	<i>patagonica</i>	2		12		2		12	
				<i>Acryptolaria</i>	<i>usnea</i>	1		1		1		1	
				<i>Acryptolaria</i>		2	26	3	110	28		113	
				<i>Cryptolaria</i>	<i>pectinata</i>	3		12		3		12	
				<i>Lafoea</i>	<i>dumosa</i>	2	5	3	35	7		38	
				<i>Zygophylax</i>	<i>cf. cervicornis</i>		2		3	2		3	
				<i>Zygophylax</i>	<i>sibogae</i>	3	2	5	11	5		16	
				<i>Zygophylax</i>	<i>tizardensis</i>	3		13		3		13	
				<i>Zygophylax</i>	<i>cf. unilateralis</i>		1		1	1		1	
				<i>Zygophylax</i>		1	3	3	32	4		35	
			Lafoeidae undet.				1		6	1		6	
			Phialellidae	<i>Stegolaria</i>	<i>irregularis</i>	5	1	7	1	6		8	
			Plumulariidae	<i>Plumularia</i>		1		10		1		10	
			Sertulariidae	<i>Dictyocladium</i>	<i>monilifer</i>	1		2		1		2	
				<i>Salacia</i>	<i>desmoides</i>	1		1		1		1	
				<i>Sertularella</i>	<i>sinensis</i>	1		1		1		1	
				<i>Sertularella</i>			1		14	1		14	
				<i>Symplectoscyphus</i>	<i>columnarius</i>	1		1		1		1	
				<i>Symplectoscyphus</i>	<i>macrogonus</i>	1		1		1		1	
				<i>Symplectoscyphus</i>	<i>macroscyphus</i>		1		6	1		6	
				<i>Symplectoscyphus</i>		1	3	2	13	4		15	
				<i>Tasmanaria</i>	<i>edentula</i>	1		1		1		1	
			Sertulariidae undet.				2		31	2		31	
			Tiaranniidae	<i>Modeeria</i>	<i>rotunda</i>	1		1		1		1	
				<i>Stegopoma</i>		1		1		1		1	
		Leptothecata undet.					1		5	1		5	
		Narcomedusae	Aeginidae	<i>Aegina</i>	<i>citrea</i>	1		1		1		1	
	Hydrozoa undet.					26	12	27	119	38		146	
	Scyphozoa	Coronatae	Nausithoidae	<i>Nausithoe</i>		1		2		1		2	
	Scyphozoa undet.					8	3	8	12	11		20	
Cnidaria undet.						1	3	1	4	4		5	
Echinodermata	Asteroidea	Brisingida	Brisingidae	<i>Brisinga</i>		1		1		1		1	
				<i>Novodinia</i>	<i>novaezealandiae</i>		2		4	2		4	
				<i>Novodinia</i>		2		2		2		2	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Brisingidae undet.			1	1	1	1	2		2	
			Freyellidae	<i>Freyella</i>	cf. <i>echinata</i>		1		1	1		1	
				<i>Freyella</i>	<i>echinata</i>				5	5		5	
				<i>Freyella</i>			1		1	1		1	
		Brisingida			cf. <i>?indica</i>		1		1	1		1	
		Brisingida undet.				1	3	1	3	4		4	
		Forcipulatida	Asteriidae	<i>Allostichaster</i>	<i>farquhari</i>				3	3		3	
				<i>Astrostole</i>	<i>rodolphi</i>	6		8		6		8	
				<i>Astrostole</i>		1		1		1		1	
				<i>Cosmasterias</i>	<i>dyscrita</i>		2		2	2		2	
				<i>Sclerasterias</i>	<i>eructans</i>	4	4	13	5	8		18	
				<i>Sclerasterias</i>	<i>mollis</i>	2		2		2		2	
				<i>Sclerasterias</i>		1		1		1		1	
				<i>Smilasterias</i>	<i>actinata</i>		8		10	8		10	
				<i>Smilasterias</i>			2		2	2		2	
			Asteriidae		sp. 1		1		1	1		1	
			Asteriidae		sp. 2		1		1	1		1	
			Asteriidae		sp. 3		3		3	3		3	
			Asteriidae			8	5	9	6	13		15	
			Labidiasteridae	<i>Coronaster</i>	<i>halicepus</i>		1		1	1		1	
				<i>Coronaster</i>	<i>reticulatus</i>	2	17	2	78	19		80	
				<i>Coronaster</i>		1	1	1	1	2		2	
			Pedicellasteridae			1		2		1		2	
			Zoroasteridae	<i>Zoroaster</i>	<i>planus</i>		1		1	1		1	
		Forcipulatida undet.				39	5	39	5	44		44	
		Notomyotida	Benthopectinidae	<i>Benthopecten</i>	<i>pikei</i>		1		1	1		1	
				<i>Benthopecten</i>		3		3		3		3	
				<i>Cheiraster</i>	<i>ludwigi</i>	2		2		2		2	
				<i>Cheiraster</i>	<i>subtuberculatus</i>	1	1	1	1	2		2	
				<i>Cheiraster</i>	<i>triplacanthus</i>	1		1		1		1	
				<i>Cheiraster</i>		3		3		3		3	
		Paxillosida	Astropectinidae	<i>Astromesites</i>	<i>regis</i>		1		2	1		2	
				<i>Astropecten</i>	<i>polyacanthus</i>	4		4		4		4	
				<i>Dipsacaster</i>	<i>magnificus</i>		1		1	1		1	
				<i>Dytaster</i>	<i>felli</i>		1		6	1		6	
				<i>Dytaster</i>	<i>pedicellaris</i>		1		1	1		1	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Plutonaster</i>	<i>ambiguus</i>		3		3		3		3
				<i>Plutonaster</i>	<i>complexus</i>		3		3		3		3
				<i>Plutonaster</i>	<i>fragilis</i>		3		4		3		4
				<i>Plutonaster</i>	<i>jonathani</i>		1		1		1		1
				<i>Plutonaster</i>	sp. B		3		4		3		4
				<i>Plutonaster</i>		1	1	1	1		2		2
				<i>Proserpinaster</i>	<i>neozelanicus</i>		1		1		1		1
				<i>Psilaster</i>	<i>acuminatus</i>		1		1		1		1
			Astropectinidae undet.			1		1			1		1
			Luidiidae	<i>Luidia</i>	<i>hardwicki</i>	1		1			1		1
				<i>Luidia</i>	<i>maculata</i>	1		1			1		1
				<i>Luidia</i>	<i>neozelanicus</i>	1		1			1		1
				<i>Luidia</i>	<i>prionota</i>	2		2			2		2
				<i>Luidia</i>	<i>varia</i>	1		1			1		1
			Porcellanasteridae	<i>Hyphalaster</i>	<i>inermis</i>		1		1		1		1
		Spinulosida	Echinasteridae	<i>Henricia</i>	<i>compacta</i>	1		1			1		1
				<i>Henricia</i>	<i>studerii</i>	1		1			1		1
				<i>Henricia</i>	sp. 1		1		1		1		1
		Valvatida	Acanthasteridae	<i>Acanthaster</i>	<i>planci</i>	5		8			5		8
			Asterinidae	<i>Anseropoda</i>	<i>aotearoa</i>		2		2		2		2
				<i>Nepanthia</i>		1		1			1		1
			Asteropseidae	<i>Asteropsis</i>	<i>carinifera</i>	3		4			3		4
				<i>Petricia</i>	<i>vernicina</i>	17		37			17		37
			Goniasteridae	<i>Anthenoides</i>	<i>granulosus</i>	1		5			1		5
				<i>Astroceramus</i>	<i>denticulatus</i>	1		1			1		1
				<i>Astropatricia</i>	<i>marita</i>		1		1		1		1
				<i>Ceramaster</i>	<i>australis</i>		1		1		1		1
				<i>Ceramaster</i>			1		1		1		1
				<i>Eknomiaster</i>	<i>macauleyensis</i>	1		1			1		1
				<i>Kermiaster</i>	<i>pacificus</i>	2		2			2		2
				<i>Mediaster</i>	<i>arcuatus</i>	1		1			1		1
				<i>Mediaster</i>	<i>gartrelli</i>	7		20			7		20
				<i>Mediaster</i>		1		1			1		1
				<i>Milteliphaster</i>	<i>wanganellensis</i>	2		2			2		2
				<i>Pillsburiaster</i>	cf. <i>indulitis</i>		1		1		1		1
				<i>Pillsburiaster</i>	<i>maini</i>	1		1			1		1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Pseudarchaster</i>	<i>garricki</i>		1		1		1		1
				<i>Pseudarchaster</i>			1		1		1		1
				<i>Rosaster</i>	<i>mimicus</i>	1		3		1		3	
				<i>Sphaeriodiscus</i>	<i>maui</i>	1		1		1		1	
			Leilasteridae	<i>Leilaster</i>	<i>spinulosus</i>	1		1		1		1	
			Odontasteridae	<i>Odontaster</i>	<i>validus</i>	2		13		2		13	
			Ophidiasteridae	<i>Certonardoa</i>		1		1		1		1	
				<i>Heteronardoa</i>	<i>carinata</i>	4		5		4		5	
				<i>Ophidiaster</i>	<i>kermadecensis</i>	11		26		11		26	
				<i>Ophidiaster</i>		1		1		1		1	
			Poraniidae	<i>Marginaster</i>	<i>patriciae</i>		1		1	1		1	1
				<i>Marginaster</i>		1		1		1		1	
				<i>Porania</i>	<i>antarctica glabra</i>	1		2		1		2	
			Solasteridae	<i>Crossaster</i>	<i>multispinus</i>	1	2	1	2	3		3	
				<i>Lophaster</i>	<i>suluensis</i>		1		1	1		1	
				<i>Paralophaster</i>	<i>hyalinus</i>		12		29	12		29	
		Velatida	Pterasteridae	<i>Hymenaster</i>	<i>carnosus</i>	1		1		1		1	
	Asteroidea undet.					7	2	7	8	9		15	
	Crinoidea	Articulata	Antedonidae	<i>Erythrometra</i>	<i>rostrata</i>	1		2		1		2	
				<i>Thaumatometra</i>	<i>alternata</i>	1		1		1		1	
			Antedonidae undet.				4		6	4		6	
			Charitometridae	<i>Charitometra</i>	<i>basicurva</i>	5	1	5	3	6		8	
				<i>Charitometra</i>	<i>incisa</i>	2	3	2	3	5		5	
				<i>Glyptometra</i>	<i>inaequalis</i>	5	3	24	5	8		29	
				<i>Monachometra</i>	<i>kermadecensis</i>	1		1		1		1	
				<i>Strotometra</i>	<i>ornatissimus</i>	1		1		1		1	
			Charitometridae undet.			1	19	1	62	20		63	
			Colobometridae			1		1		1		1	
			Comasteridae	<i>Comanthoides</i>	<i>gillstromi</i>	3		6		3		6	
				<i>Comatulides</i>		1		1		1		1	
			Comasteridae undet.			1		1		1		1	
			Pentametrocrinidae	<i>Pentametrocrinus</i>	<i>semperei</i>	1		1		1		1	
			Thalassometridae	<i>Aglaometra</i>	<i>incerta</i>	2		2		2		2	
				<i>Crotalometra</i>		1		1		1		1	
				<i>Thalassometra</i>		1	1	1	1	2		2	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Thalassometridae undet.			2	1	2	1	3		3	
		Bourgueticrinida	Bathycrinidae	<i>Naumachocrinus</i>	<i>hawaiiensis</i>	1	1	1	1	2		2	
			Bourgueticrinidae			1		1		1		1	
			Phrynocrinidae			1		1		1		1	
		Comatulida	Antedonidae	<i>Thaumatometra</i>	<i>alternata</i>	1		1		1		1	
			Atelecrinidae	<i>Paratelecrinus</i>			2		3	2		3	
			Bathycrinidae			1		1		1		1	
			Charitometridae	<i>Charitometra</i>	<i>basicurva</i>	1		1		1		1	
				<i>Glyptometa</i>	<i>inaequalis</i>	1		1		1		1	
				<i>Monachometra</i>	<i>kermadecensis</i>	2		2		2		2	
			Comatulidae	<i>Cenolia</i>	<i>benhami</i>	1		1		1		1	
				<i>Cenolia</i>	<i>spanoschistum</i>	1		1		1		1	
				<i>Comanthoides</i>	<i>gillstromi</i>	3		3		3		3	
			Pentametrocrinidae	<i>Thaumatocrinus</i>		1		1		1		1	
			Thalassometridae	<i>Stiremetra</i>	<i>breviradia</i>	1		1		1		1	
			Tropiometridae	<i>Tropiometra</i>	<i>afra</i>	5		5		5		5	
		Comatulida undet.					5		10	5		10	
		Cyrtocrinida	Hyocrinidae			1	1	1	1	2		2	
		Isocrinida	Isocrinidae	<i>Metacrinus</i>	<i>levii</i>	1		1		1		1	
				<i>Metacrinus</i>	<i>wyvilli</i>	3		7		3		7	
				<i>Metacrinus</i>		1	1	1	3	2		4	
			Isocrinidae undet.			2		2		2		2	
			Pentacrinidae	<i>Hypalocrinus</i>	<i>naresianus</i>	1		1		1		1	
				<i>Saracrinus</i>	<i>nobilis</i>	1		1		1		1	
			Pentacrinidae undet.			2		3		2		3	
		Crinoidea undet.				15	3	15	32	18		47	
		Echinoidea	Camarodonta	Echinidae	<i>Dermechinus</i>	2	7	3	18	9		21	
					<i>Gracilechinus</i>		1		1	1		1	
					<i>Gracilechinus</i>	8	27	18	136	35		154	
				Echinometridae	<i>Echinometra</i>	3		4		3		4	
					<i>Heliocidaris</i>	10		21		10		21	
				Temnopleuridae	<i>Trigonocidaris</i>	2		3		2		3	
				Toxopneustidae	<i>Pseudoboletia</i>	8		8		8		8	
					<i>Tripneustes</i>	9		13		9		13	
			Cassiduloida	Apatopygidae	<i>Apatopygus</i>	6		6		6		6	
				Pliolampadidae	<i>Studeria</i>	1		1		1		1	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
		Cidaroida	Cidaridae	<i>Ctenocidaris</i>			5		15		5		15
				<i>Goniocidaris</i>	<i>magi</i>	1			1		1		1
				<i>Goniocidaris</i>	<i>peltata</i>	1			1		1		1
				<i>Histocidaris</i>		3			6		3		6
				<i>Phyllacanthus</i>		10			12		10		12
				<i>Poriocidaris</i>		1			1		1		1
				<i>Prionocidaris</i>	<i>australis</i>	5			5		5		5
				<i>Prionocidaris</i>	<i>callista</i>	2			2		2		2
				<i>Prionocidaris</i>		2			2		2		2
				<i>Stereocidaris</i>	<i>sceptriferoides</i>		1		1		1		1
				<i>Stereocidaris</i>		3	2		3	2	5		5
				<i>Stylocidaris</i>	<i>reini</i>	3			3		3		3
			Cidaridae undet.			2			2		2		2
		Clypeasteroida	Clypeasteridae	<i>Clypeaster</i>	<i>australasiae</i>	6			7		6		7
				<i>Clypeaster</i>	<i>virescens</i>	6			9		6		9
				<i>Clypeaster</i>		6			6		6		6
				<i>Fellaster</i>	<i>zelandiae</i>	1			1		1		1
			Fibulariidae	<i>Echinocyamus</i>		4	7		5	11	11		16
			Laganidae	<i>Jacksonaster</i>		1			1		1		1
				<i>Laganum</i>	<i>depressum</i>	1			1		1		1
				<i>Laganum</i>		1			1		1		1
				<i>Peronella</i>	<i>hinemoae</i>	10			178		10		178
				<i>Peronella</i>	<i>lesueri</i>	1			1		1		1
				<i>Peronella</i>		3			3		3		3
		Diadematoidea	Aspidodiadematidae	<i>Aspidodiadema</i>	<i>tonsum</i>	6	8		11	16	14		27
				<i>Aspidodiadema</i>		1			1		1		1
			Diadematidae	<i>Centrostephanus</i>	<i>rodgersii</i>	9			9		9		9
				<i>Diadema</i>	<i>palmeri</i>	13			38		13		38
		Echinothurioida	Echinothuriidae	<i>Araeosoma</i>	<i>anatirostrum</i>	1			1		1		1
				<i>Sperosoma</i>		1			1		1		1
				<i>Tromikosoma</i>			1		1		1		1
		Holasteroida	Urechinidae	<i>?Plexechinus</i>			1		1		1		1
		Mycropygoida	Micropygidae	<i>Micropyga</i>	<i>tuberculata</i>	5			5		5		5
		Pedinoida	Pedinidae	<i>Caenopedina</i>	<i>hawaiiensis</i>	3	5		3	7	8		10
				<i>Caenopedina</i>	<i>otagoensis</i>	1	2		1	2	3		3
				<i>Caenopedina</i>	<i>porphyrogigas</i>	1			1		1		1

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Caenopedina</i>	<i>pulchella</i>	1		1		1		1	
		Salenioida	Saleniidae	<i>Bathysalenia</i>		2		3		2		3	
				<i>Salenocidaris</i>	<i>hastigera</i>	3	2	9	3	5		12	
		Spatangoida	Asterostomatidae	<i>Kermabrissooides</i>	<i>siculum</i>	1		1		1		1	
			Brissidae	<i>Brissopsis</i>		1		1		1		1	
				<i>Gymnopatagus</i>	<i>parvipetalus</i>	1		1		1		1	
				<i>Metalia</i>		1		1		1		1	
			Hemiasteridae	<i>Hemiaster</i>	<i>expergitus</i>		1		4	1		4	
			Pericosmidae	<i>Pericosmus</i>	cf. <i>cordatus</i>	1		1		1		1	
			Spatangidae				1		1	1		1	
	Echinoidea undet.					74	4	74	4	78		78	
	Holothuroidea	Aspidochirotida	Holothuriidae	<i>Holothuria</i>		1		2		1		2	
			Holothuriidae undet.				1		5	1		5	
			Synallactidae	<i>Amphigymnas</i>	<i>multipes</i>	3		8		3		8	
				<i>Mesothuria</i>	<i>lactea</i>	1		1		1		1	
				<i>Mesothuria</i>		1		2		1		2	
				<i>Synallactes</i>		2		2		2		2	
			Synallactidae undet.				1		1	1		1	
		Dendrochirotida	Cucumariidae	<i>Staurocucumis</i>	<i>abyssorum</i>		1		1	1		1	
			Psolidae	<i>Psolidium</i>	<i>kermadeci</i>		2		2	2		2	
	Dendrochirotida undet.						1		1	1		1	
	Elasipodida	Deimatidae		<i>Oneirophanta</i>	<i>setigera</i>	1		1		1		1	
				<i>Oneirophanta</i>		1		1		1		1	
				<i>Orphnurgus</i>	<i>dorisae</i>	1		1		1		1	
				<i>Orphnurgus</i>		1		1		1		1	
			Elpidiidae	<i>Ellipinion</i>	<i>bucephalum</i>		1		1	1		1	
				<i>Peniagone</i>		2		8		2		8	
			Elpidiidae undet.			4	3	10	6	7		16	
			Psychropotidae	<i>Benthodytes</i>	<i>lingua</i>	1		1		1		1	
				<i>Benthodytes</i>	cf. <i>sanguinolenta</i>		1		1	1		1	
				<i>Benthodytes</i>	sp. A		2		11	2		11	
				<i>Benthodytes</i>			3		58	3		58	
		Elasipodida undet.				1	1	1	1	2		2	
		Molpadiida	Molpadiidae	<i>Molpadia</i>	<i>antarctica</i>	1	1	1	1	2		2	
	Holothuroidea undet.					14	1	16	1	15		17	
	Ophiuroidea	Euryalida	Asteronychidae	<i>Asteronyx</i>	<i>loveni</i>	1		1		1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Asteroschematidae	<i>Asteroschema</i>	<i>?bidwillae</i>	1		100			1		100
				<i>Asteroschema</i>	<i>bidwillae</i>	3	4	88	44		7		132
				<i>Asteroschema</i>	<i>horridum</i>	4		5			4		5
				<i>Asteroschema</i>	<i>igloo</i>	2		3			2		3
				<i>Asteroschema</i>	<i>migrator</i>	1		1			1		1
				<i>Asteroschema</i>	<i>salix</i>	1		1			1		1
				<i>Asteroschema</i>	<i>tubiferum</i>	4	1	5	1		5		6
				<i>Asteroschema</i>	<i>wrighti</i>		1		60		1		60
				<i>Asteroschema</i>		2	2	2	3		4		5
				<i>Astrobrachion</i>	<i>constrictum</i>	4		12			4		12
				<i>Astrobrachion</i>		2		2			2		2
				<i>Ophiocreas</i>	<i>mortenseni</i>	1		3			1		3
				<i>Ophiocreas</i>	<i>?oedipus</i>		1		1		1		1
				<i>Ophiocreas</i>	<i>oedipus</i>	6	4	7	4		10		11
				<i>Ophiocreas</i>	<i>sibogae</i>	1	3	1	3		4		4
			Asteroschematidae undet.			1	2	1	2		3		3
			Euryalidae	<i>Astroceras</i>	<i>elegans</i>	9		67			9		67
				<i>Astroceras</i>	<i>kermadecensis</i>	2		9			2		9
			Gorgonocephalidae	<i>Asteroporpa</i>	<i>australiensis</i>	3	1	4	1		4		5
				<i>Astrocladus</i>	<i>tonganus</i>	1		1			1		1
				<i>Astrothorax</i>	<i>waitei</i>	1	1	1	2		2		3
		Euryalida undet.					1		1		1		1
		Ophiurida	Amphiuridae	<i>Amphioplus</i> (<i>Amphioplus</i>)	<i>ctenacantha</i>	1		1			1		1
				<i>Amphioplus</i>	<i>daleus</i>	1		1			1		1
				<i>Amphioplus</i>	cf. n. sp. (MoV 4892)		7		39		7		39
				<i>Amphioplus</i>	n. sp. (MoV 2722)		10		16		10		16
				<i>Amphioplus</i>	n. sp. (puffy disc)		5		8		5		8
				<i>Amphipholis</i>	<i>misera</i>	1		1			1		1
				<i>Amphipholis</i>	<i>squamata</i>		3		11		3		11
				<i>Amphiura</i> (<i>Amphiura</i>)	<i>?correcta</i>		2		2		2		2
				<i>Amphiura</i> (<i>Amphiura</i>)	<i>lanceolata</i>	1		1			1		1
				<i>Amphiura</i> (<i>Amphiura</i>)	cf. <i>magellanica</i>	2	1	4	1		3		5
				<i>Amphiura</i> (<i>Amphiura</i>)	<i>spinipes</i>	1	4	1	4		5		5
				<i>Amphiura</i> (<i>Amphiura</i>)	<i>tutanekai</i>	1		1			1		1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Amphiura</i> (<i>Amphiura</i>)	<i>cf. tutanekai</i>		1		1		1		1
				<i>Amphiura</i>	<i>octacantha</i>	1		1		1		1	1
				<i>Amphiura</i>	n. sp. cf. <i>magellanica</i>	3		4		3		4	4
				<i>Amphiura</i>	n. sp. (MoV 4890)	1		1		1		1	1
				<i>Amphiura</i>	n. sp. (hollow arm spine)	2	2	5	2	4		7	7
				<i>Amphiura</i>			5		22	5		22	22
				<i>Ophiopsila</i>	<i>novaezealandiae</i>	1		1		1		1	1
			cf. Amphiuridae			1		5		1		5	5
			Amphiuridae undet.			1		1		1		1	1
			Hemieuryalidae	<i>?Ophioleila</i>			1		1	1		1	1
			Ophiacanthidae	<i>Ophiacantha</i>	<i>brachygnatha</i>	3	5	3	6	8		9	9
				<i>Ophiacantha</i>	<i>composita</i>	4	2	5	2	6		7	7
				<i>Ophiacantha</i>	<i>cornuta</i>	1		2		1		2	2
				<i>Ophiacantha</i>	<i>fidelis</i>	1		84		1		84	84
				<i>Ophiacantha</i>	<i>funnebris</i>		7		33	7		33	33
				<i>Ophiacantha</i>	<i>fuscina</i>		1		1	1		1	1
				<i>Ophiacantha</i>	<i>?longidens</i>		1		1	1		1	1
				<i>Ophiacantha</i>	<i>?otagoensis</i>	2		4		2		4	4
				<i>Ophiacantha</i>	<i>?pacata</i>		1		1	1		1	1
				<i>Ophiacantha</i>	<i>?pentagona</i>	1	1	1	1	2		2	2
				<i>Ophiacantha</i>	<i>pentagona</i>	1		1		1		1	1
				<i>Ophiacantha</i>	cf. <i>rosea</i>		1		1	1		1	1
				<i>Ophiacantha</i>	<i>rosea</i> (sp. 4 morph)		2		10	2		10	10
				<i>Ophiacantha</i>	<i>?rosea</i>	1	1	2	1	2		3	3
				<i>Ophiacantha</i>	<i>rosea</i>		22		208	22		208	208
				<i>Ophiacantha</i>	cf. <i>spectabilis</i>	1		1		1		1	1
				<i>Ophiacantha</i>	<i>spectabilis</i>		8		33	8		33	33
				<i>Ophiacantha</i>	<i>vepratrica</i>	1	3	3	3	4		6	6
				<i>Ophiacantha</i>	<i>vivipara</i>		1		1	1		1	1
				<i>Ophiacantha</i>	<i>vorax</i>	1		1		1		1	1
				<i>Ophiacantha</i>	cf. <i>indica</i>		2		2	2		2	2
				<i>Ophiocopa</i>	<i>spatula</i>	1		3		1		3	3
				<i>Ophiodictys</i>	<i>pectorale</i>	1		3		1		3	3
				<i>Ophiolebes</i>	n. sp.	1		1		1		1	1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Ophiolebes</i>	sp. A		1		1		1		1
				<i>Ophiolimna</i>	?antarctica		1		1		1		1
				<i>Ophiolimna</i>	antarctica		1		1		1		1
				<i>Ophiolimna</i>	bairdi		1		1		1		1
				<i>Ophiolimna</i>	perfida	1	4	1	9		5		10
				<i>Ophiolimna</i>	cf. placentigera		5		6		5		6
				<i>Ophiolimna</i>	n. sp.	1		1			1		1
				<i>Ophiolimna</i>			2		2		2		2
				<i>Ophiomitrella</i>	granulosa	1		1			1		1
				<i>Ophiomitrella</i>	cf. mensa	1		1			1		1
				<i>Ophiomitrella</i>	?mensa	1		1			1		1
				<i>Ophiomitrella</i>	mensa	3		31			3		31
				<i>Ophiomitrella</i>	cf. parviglobosa	2		3			2		3
				<i>Ophiomitrella</i>	stellifera	1		1			1		1
				<i>Ophiomitrella</i>	n. sp. (MoV 5488)		1		1		1		1
				<i>Ophiomoeris</i>	?obstricta	1	1	6	1		2		7
				<i>Ophiomoeris</i>	obstricta	1		1			1		1
				? <i>Ophiomoeris</i>			1		1		1		1
				<i>Ophiomoeris</i>		2		5			2		5
				<i>Ophiomyces</i>	delata	1	2	2	2		3		4
				<i>Ophiomyces</i>		1	1	1	1		2		2
				<i>Ophioplinthaca</i>	cf. bythiapsis	2		4			2		4
				<i>Ophioplinthaca</i>	bythiapsis	1		1			1		1
				<i>Ophioplinthaca</i>	?plicata		1		1		1		1
				<i>Ophioplinthaca</i>	plicata		3		7		3		7
				<i>Ophioplinthaca</i>	pulchra		1		4		1		4
				<i>Ophioplinthaca</i>	cf. weberi	1		2			1		2
				<i>Ophioplinthaca</i>	sp. (O'Hara 20.2012)	1		1			1		1
				<i>Ophioplinthaca</i>			2		3		2		3
				<i>Ophiopristis</i>	dissidens		3		5		3		5
				<i>Ophiotoma</i>	megatreta	3	2	7	2		5		9
				<i>Ophiotreta</i>	?matura	1		1			1		1
				<i>Ophiotreta</i>	matura		2		2		2		2
				<i>Ophiotreta</i>	stimulea	1	1	1	1		2		2
				<i>Ophiotreta</i>	valenciennesi	8	3	12	4		11		16

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Ophiotreta</i>	<i>cf. larissae</i>	1		1		1		1	
				<i>Ophiotreta</i>		1		1		1		1	
				<i>Ophiurothamnus</i>	<i>?clausa</i>	1		1		1		1	
				<i>Ophiurothamnus</i>	<i>clausa</i>	5	10	9	14	15		23	
				<i>Ophiurothamnus</i>	<i>eleaumei</i>	1		1		1		1	
			Ophiacanthidae undet.			4		5		4		5	
			Ophiactidae	<i>Histampica</i>	<i>duplicata</i>	3		4		3		4	
				<i>Ophiactis</i>	<i>abyssicola</i>	8	46	12	260	54		272	
				<i>Ophiactis</i>	<i>amator</i>		1		25	1		25	
				<i>Ophiactis</i>	<i>flexuosa</i>	1	2	1	3	3		4	
				<i>Ophiactis</i>	<i>?hirta</i>		1		1	1		1	
				<i>Ophiactis</i>	<i>hirta</i>	1		3		1		3	
				<i>Ophiactis</i>	<i>profundi</i>	6	9	13	19	15		32	
				<i>Ophiodaphne</i>	<i>scripta</i>	1		1		1		1	
			Ophiochitonidae	<i>Ophiochiton</i>	<i>fastigatus</i>		1		1	1		1	
				<i>Ophiochiton</i>	<i>lentus</i>	4	2	4	3	6		7	
				<i>Ophiochiton</i>	<i>cf. triphylax</i>		1		1	1		1	
				<i>Ophiochiton</i>		1		1		1		1	
				<i>Ophioplax</i>	<i>cf. lamellosa</i>	1		1		1		1	
				<i>Ophioplax</i>	<i>lamellosa</i>	7	6	9	10	13		19	
			Ophiocomidae	<i>Clarkcoma</i>	<i>bollonsi</i>	1		2		1		2	
			Ophiodermatidae	<i>Ophiarachnella</i>	<i>infernalis</i>	1		1		1		1	
				<i>Ophiopeza</i>	<i>cylindrica</i>	1		1		1		1	
			Ophiolepididae	<i>Aspidophiura</i>		2	7	32	21	9		53	
				<i>Ophiocypris</i>	<i>tuberculosis</i>		1		1	1		1	
				<i>Ophiocypris</i>	<i>cf. tuberculosis</i>		1		1	1		1	
				<i>Ophiolepis</i>	<i>biscalata</i>		1		1	1		1	
				<i>?Ophiolepis</i>			1		1	1		1	
				<i>Ophiomusium</i>	<i>cf. armatum</i>		3		5	3		5	
				<i>Ophiomusium</i>	<i>cf. facundum</i>	2		2		2		2	
				<i>Ophiomusium</i>	<i>lymani</i>	1	11	1	20	12		21	
				<i>Ophiomusium</i>	<i>relictum</i>	4	7	4	8	11		12	
				<i>Ophiomusium</i>	<i>?scalare</i>		1		1	1		1	
				<i>Ophiomusium</i>	<i>scalare</i>	16	20	28	29	36		57	
				<i>Ophiomusium</i>	n. sp.	1		1		1		1	
				<i>Ophiomusium</i>	sp. (crs)	2		4		2		4	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Ophiosphalma</i>		4	1	6	1	5		7	
				<i>Ophiozonella</i>	<i>media</i>				3	2		3	
				<i>Ophiozonella</i>	<i>stellata</i>	3		6		3		6	
				<i>Ophiozonella</i>	n. sp.	1		5		1		5	
			Ophioleucidae	<i>Ophiernus</i>	<i>vallinicola</i>	3		3		3		3	
				<i>Ophioleuce</i>	<i>brevispinum</i>	4	4	9	6	8		15	
				<i>Ophiopallas</i>	<i>paradoxa</i>	1		1		1		1	
			Ophiomyxidae	<i>Astrogymnotes</i>	<i>hamishia</i>	1		1		1		1	
				<i>Astrogymnotes</i>	<i>thomasinae</i>	5		24		5		24	
				<i>Ophiocanops</i>	<i>felli</i>	2		6		2		6	
				<i>Ophiogeron</i>	<i>edentulus</i>	2	1	2	1	3		3	
				<i>?Ophiogeron</i>			1		1	1		1	
				<i>Ophiogeron</i>		1		2		1		2	
				<i>Ophiologimus</i>	<i>farquhari</i>		3		4	3		4	
				<i>Ophiologimus</i>	<i>prolifer</i>	2	2	4	3	4		7	
				<i>Ophiologimus</i>	<i>quadrispinus</i> n. sp. (MoV 5486)	9		12		9		12	
				<i>Ophiomyxa</i>		1	4	2	9	5		11	
				<i>Ophiomyxa</i>		3	1	4	1	4		5	
				<i>Ophiophrura</i>	<i>liodisca</i>	2	8	3	9	10		12	
				<i>Ophiophrura</i>	n. sp.	1		1		1		1	
				<i>Ophiorupta</i>	n. sp.	3		7		3		7	
				<i>Ophioscolex</i>		3		3		3		3	
			Ophiomyxidae undet.			4		5		4		5	
			Ophionereididae	<i>Ophionereis</i>	<i>fasciata</i>	1		1		1		1	
				<i>Ophionereis</i>	<i>fusca</i>	1		1		1		1	
				<i>Ophionereis</i>	<i>novaezealandiae</i>	30		63		30		63	
			Ophiotrichidae	<i>Macrophiolithrix</i>	<i>oliveri</i>	7		38		7		38	
				<i>Ophiogymna</i>	<i>saltatrix</i>	2		2		2		2	
				<i>Ophiolithrix</i>	<i>aristulata</i>	2		4		2		4	
				<i>Ophiolithrix</i>	<i>lepidus</i>	2		4		2		4	
				<i>Ophiolithrix</i>	<i>purpurea</i>	3		3		3		3	
				<i>Ophiolithrix</i>		1		1		1		1	
			Ophiuridae	<i>Amphiophiura</i>	<i>bakeri</i>	1	4	2	14	5		16	
				<i>Amphiophiura</i>	<i>fisheri</i>	1		1		1		1	
				<i>Amphiophiura</i>	cf. <i>improba</i>	1		1		1		1	
				<i>Amphiophiura</i>	<i>improba</i>	1		1		1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Amphiophiura</i>	<i>insolita</i>	2		4		2		4	
				<i>Amphiophiura</i>	<i>kermadecensis</i>	1		2		1		2	
				<i>Amphiophiura</i>	<i>laudata</i>	4	2	14	7	6		21	
				<i>Amphiophiura</i>	<i>pertusa</i>	3	1	3	1	4		4	
				<i>Amphiophiura</i>	<i>radiata</i>	7	2	10	4	9		14	
				<i>Amphiophiura</i>	<i>sordida</i>	1		1		1		1	
				<i>Amphiophiura</i>	<i>spatulifera</i>	1	4	1	4	5		5	
				<i>Amphiophiura</i>	<i>turgida</i>	1	1	1	1	2		2	
				<i>Amphiophiura</i>	n. sp.	1		1		1		1	
				? <i>Amphiophiura</i>			1		1	1		1	
				<i>Amphiophiura</i>		4		4		4		4	
				<i>Anthophiura</i>		3	1	3	1	4		4	
				<i>Astrophiuura</i>	<i>kohurangi</i>	1		1		1		1	
				<i>Dictenophiura</i>	<i>kermadecensis</i>	4		4		4		4	
				<i>Dictenophiura</i>	n. sp.	2		2		2		2	
				<i>Ophiambix</i>	<i>epicopus</i>	2		2		2		2	
				<i>Ophiocten</i>	? <i>hastatum</i>		1		1	1		1	
				<i>Ophiocten</i>	<i>hastatum</i>	1	1	1	1	2		2	
				<i>Ophiocten</i>		1	1	1	1	2		2	
				<i>Ophiomastus</i>	<i>texturatus</i>	1	1	3	1	2		4	
				<i>Ophiophycis</i>	<i>johni</i>		23		27	23		27	
				<i>Ophioplinthus</i>	<i>inornata</i>	3	1	3	1	4		4	
				<i>Ophioplinthus</i>	cf. <i>mordax</i>	1	2	9	3	3		12	
				<i>Ophioplinthus</i>	<i>mordax</i>	1	1	1	3	2		4	
				<i>Ophioplinthus</i>	n. sp.		1		1	1		1	
				<i>Ophiopyrgus</i>	<i>trispinosus</i>	1	1	1	1	2		2	
				<i>Ophiopyrgus</i>	cf. <i>trispinosus</i>		1		1	1		1	
				? <i>Ophiopyrgus</i>			1		1	1		1	
				<i>Ophiura (Ophiura)</i>	<i>ooplax</i>		1		1	1		1	
				<i>Ophiura</i>									
				(<i>Ophiuroglypha</i>)	cf. <i>carinifera</i>	2		3		2		3	
				<i>Ophiura</i>									
				(<i>Ophiuroglypha</i>)	cf. <i>irrorata</i>	5	5	66	7	10		73	
				<i>Ophiura</i>									
				(<i>Ophiuroglypha</i>)	? <i>irrorata</i>		1		1	1		1	
				<i>Ophiura</i>									
				(<i>Ophiuroglypha</i>)	<i>irrorata</i>	1	4	1	8	5		9	
				<i>Ophiura</i>									
				(<i>Ophiuroglypha</i>)	cf. <i>rugosa</i>	2		3		2		3	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Ophiura</i> (<i>Ophiuroglypha</i>)	<i>rugosa</i>		2		4	2			4
				<i>Ophiura</i> (<i>Ophiuroglypha</i>)	n. sp. (MoV) 2728	5	6	6	9	11			15
				<i>Ophiura</i> (<i>Ophiuroglypha</i>)		1	1	2	1	2			3
				<i>Ophiura</i>	? <i>kinbergi</i>		1		3	1			3
				<i>Ophiura</i>	<i>kinbergi</i>		1		1	1			1
				<i>Ophiura</i>	? <i>micracantha</i>			3	13	3			13
				<i>Ophiura</i>	<i>micracantha</i>	2		2		2			2
				<i>Ophiura</i>	<i>spincantha</i>	2	4	2	19	6			21
				<i>Ophiura</i>		2	7	2	28	9			30
				<i>Stegophiura</i>	<i>lapidaria</i>	2	1	2	7	3			9
		Ophiurida undet.	Ophiuridae undet.			2		3		2			3
		Ophiuroidea undet.					1		1	1			1
		Asterozoa (subclass) undet.				9	4	9	4	13			13
Echinodermata undet.						32		32		32			32
						4	1	19	3	5			22
Echiura	Echiuroida	Echiuroidea	Bonelliidae				8		10	8			10
cf. Echiura							3		4	3			4
Echiura undet.						1	6	1	7	7			8
Foraminifera	Granuloreticulosea	Foraminiferida	Cassidulinidae	<i>Ehrenbergina</i>	<i>carinata</i>	4		28		4			28
			Gromiidae	<i>Gromia</i>		3		3		3			3
			Islandiellidae	<i>Favocassidulina</i>	<i>australis</i>	2		2		2			2
		Foraminiferida undet.					1		1	1			1
Mollusca	Bivalvia	Adapedonta	Hiatellidae	<i>Hiatella</i>		1		1		1			1
		Arcida	Arcidae	<i>Acar</i>	<i>plicata</i>	6		6		6			6
				<i>Acar</i>		3		6		3			6
				<i>Barbatia</i>	<i>trapezina</i>	1		4		1			4
				<i>Barbatia</i>		1		1		1			1
				<i>Bathyarca</i>	<i>corpulenta</i>		2		2	2			2
				<i>Bathyarca</i>	sp. 1	1		1		1			1
				<i>Bathyarca</i>	sp. 2	1		1		1			1
				<i>Bathyarca</i>	sp. D		1		2	1			2
				<i>Bentharca</i>	sp. A		4		8	4			8
				<i>Bentharca</i>	sp. B		3		8	3			8
				<i>Bentharca</i>	sp. C		2		4	2			4

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
					<i>Bentharca</i>	9		9		9		9	
					<i>Calloarca</i> cf. <i>nuttingi</i>	5		5		5		5	
					<i>Calloarca</i> <i>nuttingi</i>	2		2		2		2	
					<i>Coraliarca</i> <i>alia</i>	13		13		13		13	
			Arcidae undet.			5		5		5		5	
			Glycymerididae	<i>Tucetona</i>	<i>laicostata</i>	2		2		2		2	
			Limopsidae	<i>Limopsis</i>	sp. A		2		16	2		16	
				<i>Limopsis</i>		3	3	3	3	6		6	
				<i>Pectunculina</i>	<i>lata</i>	1		1		1		1	
				<i>Pectunculina</i>	sp. 1	3		3		3		3	
			Philobryidae	<i>Adaenarca</i>		1		1		1		1	
				<i>Cosa</i>	sp. 1	4		4		4		4	
				<i>Cosa</i>	sp. 2	1		1		1		1	
				<i>Cosa</i>		2		3		2		3	
				<i>Cratis</i>	<i>delicatula</i>	1		1		1		1	
				<i>Cratis</i>	<i>retiaria</i>	1		1		1		1	
				<i>Cratis</i>	sp. 1	1		1		1		1	
				<i>Cratis</i>	sp. 8	1		1		1		1	
				<i>Philobrya</i>	sp. 6	4		4		4		4	
				<i>Philobrya</i>		2		2		2		2	
				<i>Verticipronus</i>	<i>stirps</i>	1		1		1		1	
			Philobryidae		sp. 8	1		1		1		1	
			Philobryidae undet.			3		3		3		3	
		Cardiida	Cardiidae	<i>Acrosterigma</i>	<i>sorenseni</i>	7		7		7		7	
				<i>Acrosterigma</i>		1		3		1		3	
				<i>Microcardium</i>	<i>trapezoidale</i>	1		1		1		1	
				<i>Nemocardium</i>	<i>enigmaticum</i>	10		10		10		10	
			Psammobiidae	<i>Gari</i>	<i>galatheae</i>	5		5		5		5	
				<i>Gari</i>	<i>pusilla</i>	9		14		9		14	
			Semelidae	<i>Abra</i>	sp. 1	1		1		1		1	
				<i>Ervilia</i>	<i>bisculpta</i>	12		12		12		12	
				<i>Ervilia</i>		1		1		1		1	
				<i>Rochefortina</i>	<i>sandwichensis</i>	5		10		5		10	
			Solecurtidae	<i>Solecurtus</i>	sp. 1	1		1		1		1	
			Tellinidae	<i>Coanyax</i>	<i>nana</i>	8		8		8		8	
				<i>Pristipagia</i>	<i>radians</i>	5		5		5		5	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
		Carditida	Condylocardiidae	<i>Carditella</i>	<i>delli</i>	1		1		1		1	1
			Crassatellidae	<i>Salaputium</i>	<i>iredalei</i>	13		13		13		13	13
		Heterodonta (unassigned)	Chamidae	<i>Chama</i>	<i>plinthota</i>	1		4		1		4	4
				<i>Chama</i>	sp. 1	1		1		1		1	1
				<i>Chama</i>	sp. 2	2		2		2		2	2
				<i>Chama</i>	sp. 3	1		1		1		1	1
				<i>Chama</i>		5		25		5		25	25
			Cuspidariidae	<i>Austroneaera</i>	<i>raoulensis</i>	2		2		2		2	2
				<i>Austroneaera</i>		1		1		1		1	1
				<i>Cardiomya</i>	sp. 1	1		1		1		1	1
				<i>Cuspidaria</i>	sp. 1	1		1		1		1	1
				<i>Cuspidaria</i>	sp. 2	1		1		1		1	1
				<i>Cuspidaria</i>	sp. 3	1		1		1		1	1
				<i>Cuspidaria</i>	sp. 4	1		1		1		1	1
				<i>Cuspidaria</i>	sp. 5	1		1		1		1	1
				<i>Cuspidaria</i>		5	1	5	3	6		8	8
				<i>Halonympha</i>	sp. 1	1		1		1		1	1
				<i>Rhinoclama</i>	<i>brooki</i>	7		7		7		7	7
				<i>Soyomya</i>		1		1		1		1	1
			Euciroidae	<i>Euciroa</i>	<i>eburnea</i>	1		1		1		1	1
				<i>Euciroa</i>	sp. 1	1		1		1		1	1
			Galeommatidae	<i>Borniola</i>	<i>neozelanica</i>	5		5		5		5	5
				<i>Borniola</i>		1		1		1		1	1
				<i>Mysella</i>	<i>beta</i>	2		2		2		2	2
				<i>Scintilla</i>	<i>stevensoni</i>	1		7		1		7	7
			Galeommatidae undet.			1		1		1		1	1
			Gastrochaenidae	<i>Gastrochaena</i>		1		1		1		1	1
			Lyonsiellidae	<i>Lyonsiella</i>	sp. 1	1		1		1		1	1
			Lyonsiidae	<i>Bentholyonsia</i>	sp. 1	1		1		1		1	1
				<i>Bentholyonsia</i>		3		3		3		3	3
			Mactridae	<i>Lutraria</i>	<i>brumi</i>	6		8		6		8	8
				<i>Oxyperas</i>	<i>belliana</i>	3		3		3		3	3
			Montacutidae	<i>Mysella</i>		1		1		1		1	1
			Parilimyidae	<i>Parilimyia</i>		1		1		1		1	1
			Poromyidae	<i>Poromya</i>	sp. 1	1		1		1		1	1
				<i>Poromya</i>	sp. A		1		1	1		1	1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Verticordiidae	<i>Poromya</i>		1	1	1	2	2			3
				<i>Haliris</i>	sp. 3	1		1		1			1
				<i>Spinosipella</i>	<i>ericia</i>	5		5		5			5
				<i>Spinosipella</i>		1		1		1			1
		Limida	Limidae	<i>Acesta</i>	<i>saginata</i>	3		5		3			5
				<i>Ctenoides</i>		1		1		1			1
				<i>Divarilima</i>	<i>delta</i>	5		5		5			5
				<i>Divarilima</i>	<i>leptalea</i>	2		2		2			2
				<i>Divarilima</i>		1		1		1			1
				<i>Lima</i>	sp. 1	2		2		2			2
				<i>Lima</i>	sp. 2	1		1		1			1
				<i>Lima</i>		4		6		4			6
				<i>Limatula</i>	<i>acherontis</i>	5		5		5			5
				<i>Limatula</i>	<i>delli</i>	1		1		1			1
				<i>Limatula</i>	<i>insularis</i>	4		10		4			10
				<i>Limatula</i>	<i>oliveri</i>	9		9		9			9
				<i>Limatula</i>	<i>raoullica</i>	6		6		6			6
				<i>Limatula</i>	<i>spinulosa</i>	2		2		2			2
				<i>Limatula</i>	sp. 1	1		1		1			1
				<i>Limatula</i>		7		7		7			7
				<i>Limea</i>	<i>rex</i>	1		1		1			1
		Lucinida	Lucinidae	<i>Bathyaustriella</i>	<i>thionipta</i>	9		129		9			129
				<i>Bathycorbis</i>	sp. 1	5		5		5			5
				<i>Ctena</i>	<i>bella</i>	4		7		4			7
				<i>Lucinoma</i>		1		2		1			2
			Thyasiridae	<i>Axinulus</i>	sp. 1	1		1		1			1
		Myida	Teredinidae	<i>Teredora</i>	<i>princesae</i>	1		4		1			4
		Mytilida	Mytilidae	<i>Bathymodiolus</i>	<i>manusensis</i>		2		4	2			4
				<i>Crenella</i>		1		2		1			2
				<i>Dacrydium</i>	<i>pelseneeri</i>	1		1		1			1
				<i>Dacrydium</i>	sp. 5	1		1		1			1
				<i>Gigantidas</i>	<i>gladius</i>	6	17	50	703	23			753
				<i>Modiolus</i>	<i>auriculatus</i>	1		5		1			5
				<i>Rhomboidella</i>	<i>radians</i>	1		1		1			1
				<i>Rhomboidella</i>	sp. 1	1		1		1			1
				<i>Septifer</i>	<i>bryanae</i>	1		3		1			3

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Septifer</i>	<i>cumingii</i>	10		10		10		10	
				<i>Vulcanidas</i>	<i>insolatus</i>	32		74		32		74	
			Bathymodiolinae (subfam.)			1		1		1		1	
		Nuculanida	Nuculanidae	<i>Jupiteria</i>	sp. 1	1		1		1		1	
				<i>Jupiteria</i>	sp. 2	1		1		1		1	
				<i>Jupiteria</i>		1		1		1		1	
		Nuculida	Nuculidae	<i>Ennucula</i>			1		1		1		1
				<i>Nucula</i>	<i>brookii</i>	1		1		1		1	
				<i>Pronucula</i>	<i>kermadecensis</i>	4		9		4		9	
		Ostreida	Gryphaeidae	<i>Neopycnodonte</i>	<i>cochlear</i>	3		3		3		3	
				<i>Parahyotissa</i>		1		1		1		1	
			Pteriidae	<i>Pinctada</i>	<i>maculata</i>	1		7		1		7	
				<i>Pteria</i>		1		1		1		1	
		Ostreoida	Ostreidae	<i>Ostrea</i>		1		1		1		1	
		Pectinida	Anomiidae	<i>Monia</i>	<i>zelandica</i>	1		6		1		6	
				<i>Pododesmus</i>	sp. B	15		15		15		15	
				<i>Pododesmus</i>		4		4		4		4	
			Dimyidae	<i>Dimya</i>		14		14		14		14	
				<i>Dimyarina</i>		1		1		1		1	
			Pectinidae	<i>Annachlamys</i>	<i>iredalei</i>	8		8		8		8	
				<i>Chlamys</i>	<i>coruscans</i>	1		3		1		3	
				<i>Ciclopecten</i>	<i>fluctuatus</i>	1		1		1		1	
				<i>Cryptopecten</i>	<i>bullatus</i>	9		9		9		9	
				<i>Cryptopecten</i>	<i>iredalei</i>	1		1		1		1	
				<i>Delectopecten</i>	<i>fosterianus</i>		2		3	2		3	
				<i>Mesopeplum</i>	<i>convexum</i>	1		1		1		1	
				<i>Mimachlamys</i>	<i>senatoria</i>	1		1		1		1	
				<i>Pecten</i>	<i>raoulensis</i>	11		11		11		11	
				<i>Pecten</i>		1		1		1		1	
				<i>Sinepecten</i>	<i>segonzaci</i>		1		2			2	
				<i>Talochlamys</i>	<i>dichroa</i>	1		1		1		1	
				<i>Talochlamys</i>			1		1		1		1
			Propeamussiidae	<i>Cyclochlams</i>	<i>lemchei</i>	11		11		11		11	
				<i>Cyclochlams</i>	<i>pileolus</i>	1		1		1		1	
				<i>Cyclochlams</i>		1		1		1		1	
				<i>Cyclopecten</i>	<i>horridus</i>	1		1		1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
					<i>Cyclopecten kapalae</i>	2		2		2		2	
					<i>Cyclopecten kermadecensis</i>	1		1		1		1	
					<i>Parvamussium cristatellum</i>	3		3		3		3	
					<i>Parvamussium retiolum</i>	1		1		1		1	
					<i>Parvamussium squalidulum</i>	3		12		3		12	
					<i>Parvamussium vesiculatum</i>	1		1		1		1	
					<i>Parvamussium</i>	1		1		1		1	
					<i>Propeamussium investigatoris</i>	3		3		3		3	
					<i>Propeamussium sibogai</i>	1		1		1		1	
					<i>Sinepecten segonzaci</i>		1		1	1		1	
			Spondylidae		<i>Spondylus cf. gloriosus</i>	1		1		1		1	
					<i>Spondylus jamarci</i>	9		9		9		9	
					<i>Spondylus nicobaricus</i>	1		4		1		4	
					<i>Spondylus occidens</i>	3		3		3		3	
					<i>Spondylus proneri</i>	1		1		1		1	
					<i>Spondylus raoulensis</i>	10		10		10		10	
					<i>Spondylus sparsispinosus</i>	1		1		1		1	
					<i>Spondylus</i>	2		7		2		7	
			Spondylidae undet.			3		3		3		3	
		Pholadomyoidea	Verticordiidae		<i>Halicardia</i> sp. A		1		1	1		1	
					<i>Halicardia</i>		1		1	1		1	
		Venerida	Neoleptonidae		<i>Neolepton</i>	3		9		3		9	
			Veneridae		<i>Globivenus toreuma</i>	15		22		15		22	
	Bivalvia undet.					46	4	46	5	50		51	
	Cephalopoda	Decapodiformes (unassigned)	Ctenopterygidae	<i>Ctenopteryx</i>	<i>sicula</i>	3		3		3		3	
		Octopoda	Amphitretidae	<i>Amphitretus</i>	<i>pelagicus</i>	4		4		4		4	
				<i>Amphitretus</i>		2		2		2		2	
			Bolitaenidae	<i>Bolitaena</i>	<i>microtyla</i>	1		1		1		1	
				<i>Eledonella</i>	<i>pygmaea</i>	1		1		1		1	
				<i>Japetella</i>	<i>diaphana</i>	1		1		1		1	
			Octopodidae	<i>Graneledone</i>	<i>challengeri</i>		1		1	1		1	
				<i>Octopus</i>	<i>oliveri</i>	4		5		4		5	
				<i>Octopus</i>		2		2		2		2	
				<i>Pinnoctopus</i>	<i>cordiformis</i>	1		1		1		1	
			Octopodidae undet.			3	1	3	1	4		4	
			Ocythoidae	<i>Ocythoe</i>	<i>tuberculata</i>	2		2		2		2	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Tremoctopodidae	<i>Tremoctopus</i>	<i>robsoni</i>	1		1		1		1	1
			Vitreledonellidae	<i>Vitreledonella</i>	<i>richardi</i>	1		1		1		1	1
		Octopoda undet.				1		1		1		1	1
		Oegopsida	Bathyteuthidae	<i>Bathyteuthis</i>		1		1		1		1	1
			Brachioteuthidae	<i>Brachioteuthis</i>		2		2		2		2	2
			Chiroteuthidae	<i>Chiroteuthis</i>	<i>spoeli</i>	1		1		1		1	1
				<i>Chiroteuthis</i>		3		3		3		3	3
			Cranchiidae	<i>Bathothauma</i>	<i>lyromma</i>	1	1	1	1	2		2	2
				<i>Galiteuthis</i>	<i>pacifica</i>	2		2		2		2	2
				<i>Leachia</i>	<i>rynchophorus</i>	1		1		1		1	1
				<i>Leachia</i>		3		3		3		3	3
				<i>Liguriella</i>	<i>pardus</i>	2		2		2		2	2
				<i>Megalocranchia</i>	<i>maxima</i>	3		3		3		3	3
				<i>Sandalops</i>	<i>melancholicus</i>	2		2		2		2	2
				<i>Teuthowenia</i>	<i>pellucida</i>	2		2		2		2	2
				<i>Teuthowenia</i>		5		5		5		5	5
			Cranchiidae undet.			8		8		8		8	8
			Cycloteuthidae			1		1		1		1	1
			Enoploteuthidae	<i>Abraliopsis</i>	<i>pfefferi</i>	1		1		1		1	1
				<i>Abraliopsis</i>	<i>tui</i>	2		2		2		2	2
				<i>Abraliopsis</i>		6		6		6		6	6
				<i>Pyroteuthis</i>	<i>serrata</i>	1		1		1		1	1
			Enoploteuthidae undet.			57		57		57		57	57
			Histioteuthidae	<i>Histioteuthis</i>	<i>atlantica</i>	2		2		2		2	2
				<i>Histioteuthis</i>	<i>bonnellii</i>	2		2		2		2	2
				<i>Histioteuthis</i>	<i>corona</i>	3		3		3		3	3
				<i>Histioteuthis</i>	<i>miranda</i>	1		1		1		1	1
				<i>Histioteuthis</i>		2	1	2	3	3		5	5
			Histioteuthidae undet.			1		1		1		1	1
			Joubiniteuthidae	<i>Joubiniteuthis</i>		1		1		1		1	1
			Lycoteuthidae	<i>Nematolampas</i>	<i>regalis</i>	12		12		12		12	12
			Lycoteuthidae undet.			2		2		2		2	2
			Mastigoteuthidae	<i>Mastigoteuthis</i>	<i>dentata</i>	1		1		1		1	1
				<i>Mastigoteuthis</i>	<i>flammea</i>	1		1		1		1	1
			Octopoteuthidae			1		1		1		1	1
			Ommastrephidae	<i>Hyaloteuthis</i>		1		1		1		1	1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Ommastrephidae	<i>Sthenoteuthis</i>	<i>oualaniensis</i>	1		1			1		1
			undet.			4		4			4		4
			Onychoteuthidae	<i>Onychoteuthis</i>	<i>aequimanus</i>	5		5			5		5
				<i>Onychoteuthis</i>	<i>banksii</i>	1		1			1		1
				<i>Onychoteuthis</i>			1		1		1		1
			Onychoteuthidae undet.			2		2			2		2
			Pholidoteuthidae			1		1			1		1
			Pyroteuthidae	<i>Pterygioteuthis</i>	<i>gemmata</i>	1		1			1		1
				<i>Pterygioteuthis</i>		1	1	1	1		2		2
				<i>Pyroteuthis</i>	<i>margaritifera</i>		1		1		1		1
			Pyroteuthidae undet.				1		2		1		2
		Oegopsida undet.				6		6			6		6
		Sepiida	Sepiariidae	<i>Sepioloidea</i>		1		1			1		1
			Sepiolidae	<i>Heteroteuthis</i>		4		4			4		4
		Spirulida	Spirulidae	<i>Spirula</i>	<i>spirula</i>	6		6			6		6
	Cephalopoda undet.					5		5			5		5
	Gastropoda	Anaspidea	Aplysiidae	<i>Aplysia</i>		1		1			1		1
		Caenogastropoda (unassigned)	Cerithiidae	<i>Argyropeza</i>		1		1			1		1
				<i>Cerithiella</i>			1		1		1		1
				<i>Cerithium</i>	<i>abditum</i>	1		1			1		1
				<i>Cerithium</i>	<i>atromarginatum</i>	1		1			1		1
				<i>Cerithium</i>	<i>columna</i>	2		2			2		2
				<i>Cerithium</i>	<i>interstriatum</i>	3		3			3		3
				<i>Cerithium</i>	<i>matukense</i>	3		3			3		3
				<i>Cerithium</i>	<i>ophioderma</i>	1		1			1		1
				<i>Cerithium</i>	<i>rostratum</i>	1		1			1		1
				<i>Pseudovertagus</i>	<i>clava</i>	1		2			1		2
				<i>Royella</i>	<i>sinon</i>	3		4			3		4
			Cerithiopsidae	<i>Ataxocerithium</i>		1		4			1		4
			Cerithiopsidae		sp. 1	1		1			1		1
			Cerithiopsidae		sp. 2	1		1			1		1
			Cerithiopsidae		sp. 9	3		3			3		3
			Cerithiopsidae		sp. 12	1		1			1		1
			Cerithiopsidae		sp. 13	4		4			4		4
			Cerithiopsidae		sp. 16	3		3			3		3

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Cerithiopsidae		sp. 17	1		1			1		1
			Cerithiopsidae		sp. 20	2		2			2		2
			Cerithiopsidae		sp. 23	1		1			1		1
			Cerithiopsidae			22		31			22		31
			Dialidae	<i>Finella</i>	sp. 1	1		1			1		1
				<i>Finella</i>	sp. 2	1		1			1		1
				<i>Finella</i>	sp. 3	1		1			1		1
				<i>Finella</i>	sp. 4	1		1			1		1
			Diastomatidae	<i>Obtortio</i>		1		1			1		1
			Epitoniidae	<i>Alora</i>	<i>billeana</i>	1		1			1		1
				<i>Claviscala</i>		1	3	1	4		4		5
				<i>Epitonium</i>	sp. 1	1		1			1		1
				<i>Epitonium</i>	sp. 2	1		1			1		1
				<i>Epitonium</i>	sp. 4	1		1			1		1
				<i>Epitonium</i>			1		1		1		1
				<i>Gyroscala</i>	<i>lamellosa</i>	2		2			2		2
				<i>Janthina</i>	<i>globosa</i>	1		1			1		1
				<i>Janthina</i>		1		1			1		1
				<i>Opalia</i>	sp. 1	1		1			1		1
				<i>Opalia</i>			1		1		1		1
			Epitoniidae undet.			1		1			1		1
			Newtoniellidae	<i>Ataxocerithium</i>	sp. 3	1		1			1		1
				<i>Ataxocerithium</i>		4		4			4		4
				<i>Cerithiella</i>	<i>stiria</i>	5		5			5		5
				<i>Cerithiella</i>			1		1		1		1
			Nystiellidae	<i>Gregorioscala</i>	sp. 1	1		1			1		1
				<i>Iphitus</i>	<i>neozelanicus</i>	1		1			1		1
				<i>Murdochella</i>		5		5			5		5
				<i>Papuliscala</i>	sp. 1	1		1			1		1
				<i>Opalia</i>	sp. 1	1		1			1		1
				<i>Opalia</i>	sp. 2	1		1			1		1
			Siliquariidae	<i>Stephopoma</i>	<i>roseum</i>	1		1			1		1
				<i>Stephopoma</i>		1		1			1		1
				<i>Tenagodus</i>	sp. 1	1		1			1		1
				<i>Tenagodus</i>	sp. 2	1		1			1		1
			Triphoridae	<i>Bouchettriphora</i>	<i>pallida</i>	1		1			1		1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Euthymella</i>	sp. 1	1		1			1		1
				<i>Euthymella</i>	sp. B	1		1			1		1
				<i>Mastonia</i>	<i>evandina</i>	2		3			2		3
				<i>Metaxia</i>	<i>exaltata</i>	1		4			1		4
				<i>Metaxia</i>	<i>kermadecensis</i>	2		5			2		5
				<i>Nototriphora</i>	<i>aupouria</i>	1		7			1		7
				<i>Nototriphora</i>	n. sp.	1		4			1		4
				<i>Subulophora</i>	<i>rutilans</i>	1		3			1		3
				<i>Viriola</i>	<i>vulpina</i>	1		1			1		1
				<i>Viriola</i>	sp. A	1		1			1		1
			Triphoridae		sp. 1	1		1			1		1
			Triphoridae		sp. 2	1		1			1		1
			Triphoridae		sp. 3	1		1			1		1
			Triphoridae		sp. 4	1		1			1		1
			Triphoridae		sp. 5	1		1			1		1
			Triphoridae		sp. 27	1		1			1		1
			Triphoridae		sp. 29	1		1			1		1
			Triphoridae		sp. 32	1		1			1		1
			Triphoridae		sp. 34	1		1			1		1
			Triphoridae undet.			4	1	16	1		5		17
			Turritellidae	<i>Maoricolpus</i>	<i>roseus</i>	1		1			1		1
		Cephalaspidea	Bullidae	<i>Bulla</i>	<i>angasi</i>	1		10			1		10
				<i>Bulla</i>	<i>vernica</i>	7		7			7		7
			Cylichnidae	<i>Acteocina</i>	<i>fusififormis</i>	10		10			10		10
				<i>Cylichna</i>	<i>bulloidea</i>	1		1			1		1
				<i>Cylichna</i>	<i>thetidis</i>	1		1			1		1
				<i>Cylichna</i>	<i>zealandica</i>	1		1			1		1
				<i>Cylichna</i>	sp. 1	6		6			6		6
				<i>Cylichna</i>	sp. 2	3		3			3		3
				<i>Cylichna</i>		4	1	4	1		5		5
				<i>Cylichnium</i>	sp. 1	1		1			1		1
				<i>Roxania</i>		1		1			1		1
				<i>Sabatia</i>	<i>pustulosa</i>	2	1	2	1		3		3
			Cylichnidae undet.			2	2	2	2		4		4
			Diaphanidae	<i>Diaphana</i>	sp. 1	1		1			1		1
				<i>Toledonia</i>	sp. 1	2		2			2		2

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Diaphanidae undet.			4		4		4		4	
			Haminoeidae	<i>Alys</i>		1		1		1		1	
				<i>Haminoea</i>		1		1		1		1	
				<i>Limulatys</i>	<i>muscarius</i>	1		1		1		1	
			Haminoeidae undet.			5		5		5		5	
			Philinidae	<i>Philine</i>	<i>angasi</i>	1		1		1		1	
				<i>Philine</i>		6		9		6		9	
			Retusidae	<i>Pyrrunculus</i>	sp. 1	1		1		1		1	
				<i>Retusa</i>	sp. 1	2		2		2		2	
				<i>Retusa</i>	sp. 10	1		1		1		1	
				<i>Retusa</i>			1		1	1		1	
			Retusidae undet.			1		1		1		1	
			Scaphandridae	<i>Sabatia</i>			1		1	1		1	
				<i>Scaphander</i>			2		6	2		6	
		Cocculiniformia (unassigned)	Cocculinidae				2		2	2		2	
		Cycloneritimorpha	Phenacolepadidae	<i>Olgasolaris</i>		3		3		3		3	
				<i>Shinkailepas</i>			5		129	5		129	
		Heterobranchia (unassigned)	Acteonidae	<i>Acteon</i>	sp. 1	3		3		3		3	
				<i>Acteon</i>	sp. 2	1		1		1		1	
				<i>Acteon</i>	sp. 7	1		1		1		1	
				<i>Acteon</i>		5	1	5	1	6		6	
				<i>Obrussena</i>	sp. 1	1		1		1		1	
				<i>Pugnus</i>	<i>parvus</i>	1		11		1		11	
				<i>Tomlinula</i>	sp. 1	1		1		1		1	
			Acteonidae undet.		sp. 1	1		1		1		1	
			Aplustridae	<i>Hydatina</i>	<i>physis</i>	1		1		1		1	
			Architectonicidae	<i>Adelphotectonica</i>	<i>reevei</i>	3	1	3	1	4		4	
				<i>Granosolarium</i>	<i>gemmiferum</i>	1		1		1		1	
				<i>Heliacus</i>	<i>implexus</i>	4		4		4		4	
				<i>Psilaxis</i>	<i>oxytropis</i>	9		9		9		9	
				<i>Solatisonax</i>	aff. <i>alleryi</i>	1		1		1		1	
				<i>Solatisonax</i>	<i>injussa</i>	1		1		1		1	
				<i>Spirolaxis</i>	<i>argonauta</i>	1		1		1		1	
				<i>Spirolaxis</i>	<i>cornuarietis</i>	2		2		2		2	
			Architectonicidae undet.			26		26		26		26	
			Bullinidae	<i>Bullina</i>	<i>lineata</i>	1		1		1		1	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Cimidae		sp. 1	1		1			1		1
			Graphididae	<i>Graphis</i>		1		1			1		1
				<i>Larochella</i>	sp. 1	1		1			1		1
			Hyalogyrinidae			1		1			1		1
			Mathildidae			5		5			5		5
			Omalogyridae	<i>Ammonicera</i>	sp. 5	1		1			1		1
				<i>Ammonicera</i>	sp. 6	1		1			1		1
				<i>Ammonicera</i>		1		4			1		4
			Orbitestellidae	<i>Boschitestella</i>	sp. 2	1		1			1		1
				<i>Boschitestella</i>		1		1			1		1
				<i>Lurifax</i>				1		1			1
			Pyramidellidae	<i>Orbitestella</i>	sp. 1	2		2			2		2
				<i>Orbitestella</i>		2		3			2		3
				<i>Besla</i>	<i>insularis</i>	2		8			2		8
				<i>Chrysallida</i>	sp. 1	1		1			1		1
				<i>Chrysallida</i>	sp. 2	1		1			1		1
				<i>Chrysallida</i>	sp. 3	1		1			1		1
				<i>Eulimella</i>	<i>inexpectata</i>	1		1			1		1
				<i>Eulimella</i>	sp. 1	1		1			1		1
				<i>Evalea</i>	<i>gracilis</i>	1		6			1		6
				<i>Herviera</i>		3		8			3		8
				<i>Hinemoa</i>	<i>punicea</i>	4		4			4		4
				<i>Miralda</i>	<i>austropacifica</i>	8		8			8		8
				<i>Odostomia</i>		1		4			1		4
				<i>Ondina</i>	<i>gracilis</i>	1		1			1		1
				<i>Ondina</i>	<i>insularis</i>	2		2			2		2
			<i>Ondina</i>	sp. 1	1		1			1		1	
			<i>Pyramidella</i>	<i>terebellum</i>	1		1			1		1	
			<i>Pyramidelloides</i>	<i>suteri</i>	1		1			1		1	
			<i>Syrnola</i>	sp. 1	1		1			1		1	
			<i>Syrnola</i>	sp. 2	1		1			1		1	
			<i>Syrnola</i>	sp. 3	1		1			1		1	
			<i>Turbonilla</i>	<i>oceanica</i>	2		7			2		7	
			<i>Turbonilla</i>	sp. 1	1		1			1		1	
			<i>Turbonilla</i>				2		2			2	
			Pyramidellidae		sp. 1	1		1			1		1

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Pyramidellidae		sp. 3	1		1			1		1
			Pyramidellidae undet.			2		2			2		2
			Ringiculidae	<i>Ringicula</i>	sp. 1	2		2			2		2
			Rissoellidae	<i>Rissoella</i>	<i>secunda</i>	6		8			6		8
				<i>Rissoella</i>	sp. 1	1		1			1		1
				<i>Rissoella</i>		1		1			1		1
		Lepetellida	Anatomidae	<i>Anatoma</i>	<i>aupouria</i>	5		5			5		5
				<i>Anatoma</i>	<i>equatoria</i>	6		6			6		6
				<i>Anatoma</i>	<i>finlayi</i>	1		1			1		1
				<i>Anatoma</i>	<i>flemingi</i>		2		11		2		11
				<i>Anatoma</i>	<i>globulus</i>	4		4			4		4
				<i>Anatoma</i>	<i>indonesica</i>	1		1			1		1
				<i>Anatoma</i>	<i>vanilla</i>	2		2			2		2
				<i>Anatoma</i>	sp. 4	2		2			2		2
				<i>Anatoma</i>	sp. 10	1		1			1		1
				<i>Anatoma</i>		4		8			4		8
			Fissurellidae	<i>Cranopsis</i>	sp. 1	4		4			4		4
				<i>Diodora</i>	<i>bollonsi</i>	3		3			3		3
				<i>Emarginula</i>	<i>connectens</i>	3		3			3		3
				<i>Emarginula</i>	sp. 1	4		4			4		4
				<i>Emarginula</i>	sp. 2	4		4			4		4
				<i>Emarginula</i>		2		2			2		2
				<i>Profundisepta</i>	sp. 1	2		2			2		2
				<i>Profundisepta</i>	sp. 2	1		1			1		1
				<i>Profundisepta</i>	sp. 3	1		1			1		1
				<i>Rimulanax</i>	sp. 1	1		1			1		1
				<i>Zeidora</i>	sp. 1	1		1			1		1
				<i>Zeidora</i>	sp. 2	1		1			1		1
			Fissurellidae undet.			2		2			2		2
			Lepetodrilidae	<i>Lepetodrilus</i>	sp. B		1		1		1		1
				<i>Lepetodrilus</i>		1	1	1	2		2		3
			Pseudococculinidae	<i>Kaiparapelta</i>	sp. 1	1		1			1		1
				<i>Tentaoculus</i>			2		2		2		2
			Scissurellidae	<i>Ariella</i>	<i>pauperata</i>		1		1		1		1
				<i>Larochopsis</i>	<i>macrostoma</i>	1		1			1		1
				<i>Satondella</i>	<i>bicristata</i>	2		2			2		2

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Satondella</i>	<i>cachoi</i>	4		4		4		4	
				<i>Scissurella</i>	<i>prendrevillei</i>	1		1		1		1	
				<i>Sinezona</i>	<i>brucei</i>	2		2		2		2	
				<i>Sinezona</i>	<i>laqueus</i>	1		1		1		1	
				<i>Sinezona</i>	<i>macleani</i>	1		1		1		1	
				<i>Sinezona</i>	<i>pacifica</i>	3		3		3		3	
				<i>Sukashitrochus</i>	<i>lyallensis</i>	1		1		1		1	
				<i>Trogloncha</i>	<i>tesselata</i>	1		1		1		1	
		Littorinimorpha	Anabathridae	<i>Amphithalamus</i>	<i>sundayensis</i>	1		6		1		6	
				<i>Anabathron</i>	<i>aff. ovatus</i>	1		1		1		1	
				<i>Anabathron</i>		2		2		2		2	
				<i>Anabathron</i>	<i>(Scrobs)</i>	2		6		2		6	
				<i>Fictonoba</i>	<i>oliveri</i>	3		3		3		3	
				<i>Microdryas</i>		1		1		1		1	
				<i>Notoscrobs</i>	<i>sundayensis</i>	7		7		7		7	
				<i>Notoscrobs</i>		1		1		1		1	
				<i>Pisima</i>		1		1		1		1	
			Bursidae	<i>Bursa</i>	<i>granularis</i>	4		4		4		4	
				<i>Bursa</i>	<i>rosa</i>	4		4		4		4	
				<i>Bursa</i>	<i>verrucosa</i>	8		8		8		8	
				<i>Bursa</i>		1		1		1		1	
				<i>Tutufa</i>	<i>bufo</i>	9		9		9		9	
			Capulidae	<i>Malluvium</i>	<i>calcareum</i>	3		3		3		3	
			Carinariidae	<i>Carinaria</i>		1		1		1		1	
			Cassidae	<i>Casmaria</i>	<i>perryi</i>	6		6		6		6	
				<i>Oocorys</i>	<i>sulcata</i>	1		1		1		1	
				<i>Semicassis</i>	<i>sophia</i>	5		5		5		5	
				<i>Semicassis</i>	<i>thomsoni</i>	3		3		3		3	
			Cingulopsidae	<i>Eatonina</i>	sp. 3	1		1		1		1	
				<i>Eatonina</i>		1		1		1		1	
				<i>Rufodardanula</i>		2		10		2		10	
				<i>Skenella</i>	sp. 1	1		1		1		1	
				<i>Tubbreva</i>	sp. 3	1		1		1		1	
				<i>Tubbreva</i>		1		1		1		1	
			Cypraeidae	<i>Cypraea</i>	<i>caputserpentis</i>	1		1		1		1	
				<i>Cypraea</i>	<i>cernica</i>	1		6		1		6	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Erosaria</i>	<i>cernica</i>	2		2		2		2	
				<i>Notadusta</i>	<i>musumea</i>	1		1		1		1	
			Eatoniellidae	<i>Eatoniella</i>	<i>iredalei</i>	2		2		2		2	
				<i>Eatoniella</i>	<i>minutocrassa</i>	1		1		1		1	
				<i>Eatoniella</i>	sp. 1	1		1		1		1	
				<i>Eatoniella</i>	sp. 3	1		1		1		1	
				<i>Eatoniella</i>		2		2		2		2	
			Elachisnidae	<i>Elachisina</i>		1		1		1		1	
				<i>Laeviphitus</i>			1		1	1		1	
					<i>ophioacanthicola</i>								
			Eulimidae	<i>Fuscapex</i>		1		1		1		1	
				<i>Melanella</i>	<i>kermadecensis</i>	1		3		1		3	
				<i>Melanella</i>	<i>perplexa</i>	1		1		1		1	
				<i>Niso</i>			1		1	1		1	
				<i>Ophieulima</i>	<i>fuscoapicata</i>	1		1		1		1	
				<i>Punctifera</i>	<i>ophioemoerae</i>	1		1		1		1	
				<i>Stilapex</i>	sp. 1	1		1		1		1	
				<i>Stilapex</i>		1		1		1		1	
				<i>Stilifer</i>	sp. 1	1		1		1		1	
				<i>Teretianax</i>	<i>suteri</i>	1		15		1		15	
			Eulimidae		sp. 1	1		1		1		1	
			Eulimidae		sp. 2	1		1		1		1	
			Eulimidae		sp. 3	1		1		1		1	
			Ficidae	<i>Thalassocyon</i>	<i>tui</i>	1	4	1	5	5		6	
			Haloceratidae	<i>Zygoceras</i>	<i>tropidophora</i>	1		1		1		1	
			Hipponicidae	<i>Antisabia</i>	<i>foliacea</i>	2		2		2		2	
				<i>Cheilea</i>	sp. 1	1		1		1		1	
			Naticidae	<i>Euspira</i>			1		1	1		1	
				<i>Falsilunatia</i>	<i>ambigua</i>		1		1	1		1	
				<i>Falsilunatia</i>	<i>amphiala</i>	1		1		1		1	
				<i>Falsilunatia</i>			2		2	2		2	
				<i>Mammilla</i>	<i>simiae</i>	2		2		2		2	
				<i>Notocochlis</i>	<i>cernica</i>	1		1		1		1	
				<i>Notocochlis</i>	<i>gualteriana</i>	1		1		1		1	
				<i>Polinices</i>	<i>putealis</i>	7		7		7		7	
			Naticidae		sp. 4	1		1		1		1	
			Naticidae		sp. 5	1		1		1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Naticidae undet.			8		8		8		8	
			Ovulidae	<i>Crenavolva</i>	<i>mucronata</i>	1		1		1		1	
				<i>Galeravolva</i>	<i>choshiensis</i>	1		1		1		1	
			Personidae	<i>Distorsio</i>	<i>habei</i>	1		1		1		1	
			Pisanianuridae	<i>Pisanianura</i>	<i>grimaldii</i>		2		2		2		2
			Ranellidae	<i>Charonia</i>	<i>lampas</i>	5		5		5		5	
				<i>Cymatium</i>	<i>labiosum</i>	4		4		4		4	
				<i>Cymatium</i>	<i>nicobaricum</i>	1		1		1		1	
				<i>Distorsio</i>	<i>lewisi</i>	1		1		1		1	
				<i>Fusitriton</i>	<i>laudandus</i>		4		14		4		14
				<i>Fusitriton</i>	<i>magellanicus</i>	1	2	1	2	3		3	
				<i>Fusitriton</i>	<i>retiolus</i>		6		6		6		6
				<i>Monoplex</i>	<i>exaratus</i>	2		2		2		2	
				<i>Monoplex</i>	<i>parthenopeus</i>	5		5		5		5	
				<i>Ranella</i>	<i>australasia</i>	1		1		1		1	
				<i>Ranella</i>	<i>olearium</i>	4	1	5	1	5		6	
				<i>Sassia</i>	<i>kampyla</i>	2		2		2		2	
				<i>Sassia</i>	<i>marshalli</i>	2		2		2		2	
				<i>Sassia</i>	<i>palmeri</i>	6		6		6		6	
				<i>Sassia</i>	<i>remensa</i>	1		1		1		1	
			Rastodentidae	<i>Rastodens</i>	<i>electra</i>	1		2		1		2	
			Rissoidae	<i>Alvania</i>	<i>kermadecensis</i>	3		13		3		13	
				<i>Benthonella</i>	sp. 1	1		1		1		1	
				<i>Benthonellania</i>	sp. 1	2		2		2		2	
				<i>Manzonia</i> (<i>Simulamerelina</i>)	sp. A	1		1		1		1	
				<i>Manzonia</i> (<i>Simulamerelina</i>)	sp. B	2		2		2		2	
				<i>Microstelma</i>	sp. 1	2		2		2		2	
				<i>Onoba</i>	<i>kermadecensis</i>	2		4		2		4	
				<i>Powellisetia</i>	sp. 18	1		1		1		1	
				<i>Powellisetia</i>	sp. 19	1		1		1		1	
				<i>Powellisetia</i>	sp. 20	1		1		1		1	
				<i>Powellisetia</i>	sp. 21	1		1		1		1	
				<i>Pusillina</i>	<i>wallacei</i>	6		6		6		6	
				<i>Rissoina</i>	<i>mitozona</i>	1		2		1		2	
				<i>Rissoina</i>	<i>turricula</i>	2		15		2		15	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Rissoina</i>		1		1			1		1
				<i>Schwartziella</i> (<i>Pandalosia</i>)		1		1			1		1
				<i>Simulamereina</i>	<i>pisinna</i>	7		7			7		7
				<i>Stosicia</i>	<i>chiltoni</i>	2		2			2		2
				<i>Stosicia</i>	<i>mirabilis</i>	3		3			3		3
				<i>Stosicia</i>	(<i>Isseliella</i>)	1		2			1		2
				<i>Zebina</i>	sp. 1	1		1			1		1
			Rissoidae undet.			1		1			1		1
			Rissoinidae	<i>Rissoina</i>	<i>costata</i>	5		5			5		5
			Strombidae	<i>Canarium</i>	<i>scalariforme</i>	1		1			1		1
				<i>Euprotomus</i>	<i>kiwi</i>	2		2			2		2
				<i>Strombus</i>	<i>vomer</i>	1		1			1		1
				<i>Thersistrombus</i>	<i>thersites</i>	9		9			9		9
			Tonnidae	<i>Malea</i>	<i>pomum</i>	2		2			2		2
				<i>Tonna</i>	<i>dolium</i>	1		1			1		1
				<i>Tonna</i>	<i>perdix</i>	1		2			1		2
			Tornidae	<i>Circulus</i>		1		1			1		1
				<i>Cyclostrema</i>		1		1			1		1
				<i>Mareleptopoma</i>	sp. 1	1		1			1		1
				<i>Neusas</i>		1		1			1		1
				<i>Teinostoma</i>	sp. 1	1		1			1		1
			Tornidae undet.			1		1			1		1
			Triviidae	<i>Erato</i>	<i>lachryma</i>	1		7			1		7
				<i>Erato</i>		1	1	6	1		2		7
				<i>Proterato</i>	<i>lachryma</i>	4		4			4		4
				<i>Proterato</i>	sp. 1	1		1			1		1
				<i>Trivellona</i>	<i>paucicostata</i>	2		2			2		2
				<i>Trivellona</i>	<i>valerieae</i>		1		1		1		1
				<i>Trivia</i>	<i>oryza</i>	4		12			4		12
				<i>Trivia</i>	<i>pellucidula</i>	11		11			11		11
				<i>Trivia</i>		1		1			1		1
			Vanikoridae	<i>Lyocyclus</i>	sp. 1	1		1			1		1
				<i>Vanikoro</i>	<i>wallacei</i>	2		2			2		2
			Vanikoridae		sp. 1	1		1			1		1
			Vermetidae	<i>Dendropoma</i>	sp. 1	1		1			1		1
				<i>Dendropoma</i>	sp. 2	1		1			1		1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Vermetidae undet.			3		3		3		3	
			Xenophoridae	<i>Xenophora</i>	<i>kermadecensis</i>	14		14		14		14	
				<i>Xenophora</i>	<i>neozelanica</i>	1		1		1		1	
				<i>Xenophora</i>		1		1		1		1	
			Zerotulidae	<i>Zerotula</i>		1		1		1		1	
		Heteropoda				1		1		1		1	
		Neogastropoda	Belomitridae	<i>Belomitra</i>	sp. 1	2		2		2		2	
			Borsoniidae	<i>Apaturris</i>	<i>expeditionis</i>	3		3		3		3	
				<i>Zemacies</i>	<i>excelsa</i>	1		1		1		1	
			Borsoniidae		sp. 12	1		1		1		1	
			Borsoniidae		sp. 13	2		2		2		2	
			Borsoniidae		sp. 21	1		1		1		1	
			Borsoniidae		sp. 34	1		1		1		1	
			Buccinidae	<i>Cantharus</i>	<i>spica</i>	2		2		2		2	
				<i>Nassaria</i>	<i>miriamae</i>	2		2		2		2	
				<i>Nassaria</i>	<i>spinigera</i>	4		4		4		4	
				<i>Nassaria</i>		1		1		1		1	
				<i>Phos</i>	<i>hirasei</i>	2		2		2		2	
				<i>Phos</i>		2		2		2		2	
				<i>Pisania</i>	<i>hedleyi</i>	1		1		1		1	
			Clathurellidae	<i>Etrema</i>	<i>hedleyi</i>	6		10		6		10	
				<i>Glyphostoma</i>	sp. 16	2		2		2		2	
				<i>Lienardia</i>	<i>apiculata</i>	1		2		1		2	
				<i>Lienardia</i>	<i>roseocincta</i>	5		5		5		5	
				<i>Lienardia</i>	sp. 1	1		1		1		1	
				<i>Lienardia</i>		2		2		2		2	
			Clathurellidae		sp. 23	1		1		1		1	
			Clathurellidae		sp. 27	1		1		1		1	
			Clathurellidae		sp. 28	4		4		4		4	
			Clathurellidae		sp. 31	1		1		1		1	
			Clathurellidae		sp. 92	1		1		1		1	
			Clathurellidae			3		3		3		3	
			Columbellidae	<i>Zafra</i>	<i>fuscolineata</i>	1		1		1		1	
				<i>Zafra</i>	<i>kermadecensis</i>	9		9		9		9	
				<i>Zemitrella</i>	<i>choava</i>	1		1		1		1	
				<i>Zemitrella</i>	sp. A		1		1	1		1	

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Zemitrella</i>	sp. B		1		5		1		5
				<i>Zemitrella</i>					1		1		1
			Columbellidae		sp. 1	1		1			1		1
			Columbellidae		sp. 2	1		1			1		1
			Columbellidae		sp. 3	1		1			1		1
			Columbellidae		sp. 4	1		1			1		1
			Columbellidae undet.			1		1			1		1
			Conidae	<i>Conasprella</i>	<i>raoulensis</i>	3		3			3		3
				<i>Conus</i>	<i>bruuni</i>	6		6			6		6
				<i>Conus</i>	<i>kermadecensis</i>	5		10			5		10
				<i>Conus</i>	<i>nielsenae</i>	3		3			3		3
				<i>Conus</i>		2		2			2		2
				<i>Daphnella</i>	sp. A		1		1		1		1
				<i>Darioconus</i>	<i>magnificus</i>	1		1			1		1
				<i>Kioconus</i>	<i>plinthus</i>	2		2			2		2
				<i>Miliariconus</i>	<i>coronatus</i>	1		1			1		1
				<i>Profundiconus</i>	<i>profundorum</i>	1		1			1		1
				<i>Profundiconus</i>	<i>puillandrei</i>	3		3			3		3
				<i>Profundiconus</i>	<i>smirna</i>	2	2	2	2		4		4
				<i>Profundiconus</i>	<i>teramachii</i>	5		5			5		5
				<i>Protostricoconus</i>	<i>obscurus</i>	1		1			1		1
				<i>Rhizoconus</i>	<i>miles</i>	1		1			1		1
				<i>Virgiconus</i>	<i>coelinae</i>	1		1			1		1
			Conidae undet.			2		3			2		3
			Conorbidae		sp. 26	1		1			1		1
			Costellariidae	<i>Austromitra</i>		1		1			1		1
				<i>Pusia</i>		1		1			1		1
				<i>Vexillum</i>	<i>angustissimum</i>	3		3			3		3
				<i>Vexillum</i>	<i>castum</i>	2		2			2		2
				<i>Vexillum</i>	<i>iredalei</i>	4		4			4		4
				<i>Vexillum</i>	<i>sculptile</i>	2		2			2		2
				<i>Vexillum</i>		1		1			1		1
			Costellariidae undet.			1		1			1		1
			Cystiscidae	<i>Pugnus</i>	<i>parvus</i>	3		3			3		3
			Fascioliariidae	<i>Fusinus</i>	<i>galatheae</i>	1		3			1		3
				<i>Fusinus</i>	<i>genticus</i>	11		11			11		11

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Fusinus</i>	<i>salisburyi</i>	6		6		6		6	
				<i>Fusinus</i>	sp. 1	1		1		1		1	
				<i>Fusinus</i>	sp. 4	2		2		2		2	
				<i>Glaphyrina</i>	<i>caudata</i>	1		1		1		1	
				<i>Simplicifusus</i>	sp. A		1		1		1		1
			Fascioliariidae undet.				2		2		2		2
			Harpidae	<i>Oniscidia</i>	<i>bruuni</i>	2		2		2		2	
			Horaiclavidae		sp. 4	2		2		2		2	
			Horaiclavidae		sp. 7	1		1		1		1	
			Horaiclavidae		sp. 33	1		1		1		1	
			Mangeliidae	<i>Liracraea</i>	sp. 5	5		5		5		5	
				<i>Macteola</i>	<i>interrupta</i>	1		1		1		1	
			Mangeliidae		sp. 1	2		2		2		2	
			Mangeliidae		sp. 8	1		1		1		1	
			Mangeliidae		sp. 11	2		2		2		2	
			Mangeliidae		sp. 22	2		2		2		2	
			Mangeliidae		sp. 25	1		1		1		1	
			Mangeliidae		sp. 29	3		3		3		3	
			Marginellidae	<i>Haluginella</i>	<i>mustelina</i>	1		3		1		3	
				<i>Haluginella</i>		2		2		2		2	
				<i>Microvulina</i>		1		1		1		1	
				<i>Serrata</i>	<i>raoullica</i>	3		3		3		3	
				<i>Serrata</i>	sp. 1	1		1		1		1	
			Mitridae	<i>Cancilla</i>	<i>kermadecensis</i>	4		4		4		4	
				<i>Mitra</i>		1		1		1		1	
				<i>Neocancilla</i>	<i>takiisaoi</i>	1		1		1		1	
				<i>Ziba</i>	<i>cernohorskyi</i>	6		6		6		6	
				<i>Ziba</i>	<i>kermadecensis</i>	1		1		1		1	
			Mitridae undet.			3		3		3		3	
			Mitromorphidae		sp. 36	1		1		1		1	
			Mitromorphidae		sp. 38	2		2		2		2	
			Muricidae	<i>Babelomurex</i>	<i>lischkeanus</i>	1		1		1		1	
				<i>Babelomurex</i>	<i>wormaldi</i>	1		1		1		1	
				<i>Coralliophila</i>	<i>bulbiformis</i>	5		5		5		5	
				<i>Coralliophila</i>	<i>monodonta</i>	1		1		1		1	
				<i>Coralliophila</i>	<i>radula</i>	5		5		5		5	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Coralliophila</i>	<i>sertata</i>	1		1		1		1	
				<i>Coralliophila</i>		1		1		1		1	
				<i>Cytharomorula</i>	<i>vexillum</i>	1		1		1		1	
				<i>Enixotrophon</i>	<i>carduelis</i>	4		4		4		4	
				<i>Enixotrophon</i>	<i>lata</i>	1	1	1	1	2		2	
				<i>Enixotrophon</i>	<i>tangaroa</i>		1		4	1		4	
				<i>Enixotrophon</i>	<i>venusta</i>		7		8	7		8	
				<i>Enixotrophon</i>	sp. X	1		1		1		1	
				<i>Enixotrophon</i>			3		4	3		4	
				<i>Gemixystus</i>	<i>subtropicalis</i>	8		8		8		8	
				<i>Hirtomurex</i>	<i>tangaroa</i>		4		4	4		4	
				<i>Latiaxis</i>	<i>pilsbryi</i>	1		1		1		1	
				<i>Mipus</i>	<i>matsumotoi</i>	1		1		1		1	
				<i>Morula</i>	<i>nodulifera</i>	1		1		1		1	
				<i>Morula</i>		1		1		1		1	
				<i>Neothais</i>	<i>smithi</i>	2		2		2		2	
				<i>Pascula</i>	<i>nodulifera</i>	2		2		2		2	
				<i>Pascula</i>	<i>palmeri</i>	14		14		14		14	
				<i>Ponderia</i>	<i>tangaroa</i>	1		1		1		1	
				<i>Rhizochilus</i>	<i>antipathum</i>	1		1		1		1	
				<i>Timbellus</i>	<i>richeri</i>	1		1		1		1	
				<i>Trophon</i>	<i>subtropicalis</i>	1		1		1		1	
			Nassariidae	<i>Nassarius</i>	<i>ephamillus</i>	1	27	1	90	28		91	
				<i>Nassarius</i>	<i>gaudiosus</i>	7		7		7		7	
				<i>Nassarius</i>	<i>himerossa</i>	1		1		1		1	
				<i>Nassarius</i>	<i>nodiferus</i>	3		3		3		3	
				<i>Nassarius</i>		3	4	3	26	7		29	
			Olividae	<i>Amalda</i>	<i>raoulensis</i>	5		5		5		5	
				<i>Amalda</i>			1		1	1		1	
				<i>Olivella</i>	<i>apicalis</i>	1		1		1		1	
			Pseudolividae	<i>Benthobia</i>	<i>complexirhyna</i>		1		1	1		1	
			Pseudomelatomidae	<i>Comitas</i>	sp. 1	1		1		1		1	
				<i>Comitas</i>	sp. 2	1		1		1		1	
				<i>Comitas</i>	sp. 17	2		2		2		2	
				<i>Comitas</i>		1		1		1		1	
			Pseudomelatomidae		sp. 5	1		1		1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Pseudomelatomidae		sp. 6	1		1			1		1
			Pseudomelatomidae		sp. 24	3		3			3		3
			Pseudomelatomidae			2		2			2		2
			Ptychatractidae	<i>Ceratoxancus</i>	<i>leios</i>	1		1			1		1
				<i>Metzgeria</i>	sp. 1	1		1			1		1
			Raphitomidae	<i>Gymnobela</i>			7		12		7		12
				<i>Hemilienardia</i>	<i>apiculata</i>	2		2			2		2
				<i>Kermia</i>	<i>benhami</i>	3		3			3		3
				<i>Nepotilla</i>	sp. 1	1		1			1		1
				<i>Phymorhynchus</i>			1		1		1		1
				<i>Pontiothauma</i>		1	3	1	3		4		4
				<i>Spergo</i>			2		2		2		2
				<i>Vepracula</i>		1		1			1		1
			Raphitomidae		sp. 2	1		1			1		1
			Raphitomidae		sp. 3	1		1			1		1
			Raphitomidae		sp. 9	1		1			1		1
			Raphitomidae		sp. 10	1		1			1		1
			Raphitomidae		sp. 15	1		1			1		1
			Raphitomidae		sp. 19	3		3			3		3
			Raphitomidae		sp. 20	1		1			1		1
			Raphitomidae		sp. 30	1		1			1		1
			Raphitomidae		sp. 32	1		1			1		1
			Raphitomidae		sp. 37	1		1			1		1
			Raphitomidae		sp. 40	1		1			1		1
			Terebridae	<i>Perirhoe</i>	<i>circumcincta</i>	5		5			5		5
			Turridae	<i>Comitas</i>			2		2		2		2
				<i>Gemmula</i>	sp. 1	1		1			1		1
				<i>Gemmula</i>	sp. 2	2		2			2		2
				<i>Gemmula</i>			6		6		6		6
				<i>Gemmula</i>		3		3			3		3
				<i>Phymorhynchus</i>	sp. A		2		2		2		2
				<i>Phymorhynchus</i>	sp. B		1		1		1		1
				<i>Pleurotomella</i>			1		1		1		1
				<i>Pontiothauma</i>			2		2		2		2
				<i>Xanthodaphne</i>			2		2		2		2
				<i>Xenuroturris</i>	<i>cingulifera</i>	1		1			1		1

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Turridae		sp. 91	1		1			1		1
			Volutomitridae	<i>Microvoluta</i>	<i>raoulica</i>	3		3			3		3
		Neogastropoda undet.				1		1			1		1
		Neomphalina (unassigned)	Peltospiridae	<i>Nodipelta</i>			5		5		5		5
				<i>Nodopelta</i>			1		8		1		8
				<i>PeltoSPIra</i>			1		1		1		1
			Peltospiridae undet.				1		1		1		1
		Notaspidea	Pleurobranchidae	<i>Berthella</i>		1		1			1		1
		Nudibranchia				4	1	4	1		5		5
		Patellogastropoda (unassigned)	Lepetidae	<i>Iothia</i>	<i>explorata</i>	1		1			1		1
			Nacellidae	<i>Patella</i>	<i>kermadecensis</i>	1		1			1		1
		Pulmonata (unassigned)	Amphibolidae	<i>Amphibola</i>	<i>crenata</i>		1		1		1		1
			Siphonariidae	<i>Williamia</i>	<i>radiata</i>	5		5			5		5
				<i>Williamia</i>	<i>radiata nutata</i>	1		1			1		1
		Sacoglossa	Juliidae	<i>Berthellina</i>	sp. A	2		5			2		5
				<i>Berthellina</i>	sp. B	1		3			1		3
				<i>Julia</i>	<i>exquisita</i>	1		7			1		7
				<i>Julia</i>		1		1			1		1
		Seguenziida	Calliotropidae	<i>Calliotropis</i>	<i>acherontis</i>	2		2			2		2
				<i>Calliotropis</i>	<i>blacki</i>	2		2			2		2
				<i>Calliotropis</i>	<i>chalkeie</i>	1		1			1		1
				<i>Calliotropis</i>	<i>crystalophorus</i>	2		2			2		2
				<i>Calliotropis</i>	<i>delli</i>	4		4			4		4
				<i>Calliotropis</i>	<i>eucheloides</i>	3		3			3		3
				<i>Calliotropis</i>	<i>powelli</i>	3		3			3		3
				<i>Calliotropis</i>	sp. A		1		1		1		1
				<i>Calliotropis</i>	sp. B		1		1		1		1
				<i>Calliotropis</i>		1		1			1		1
			Chilodontidae	<i>Danilia</i>	sp. 2	2		2			2		2
				<i>Euchelus</i>	<i>foveolatus</i>	2		2			2		2
				<i>Herpetopoma</i>	<i>pruinosa</i>	1		1			1		1
				<i>Herpetopoma</i>		1		1			1		1
				<i>Vetulonia</i>	sp. 1	1		1			1		1
			Chilodontidae undet.			1		1			1		1
			Seguenziidae	<i>Ancistrobasis</i>	<i>dilecta</i>	2		2			2		2
				<i>Ancistrobasis</i>		1		1			1		1

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Anxietas</i>	sp. 1	1		1			1		1
				<i>Calliobasis</i>	<i>miranda</i>	1		1			1		1
				<i>Eudaronia</i>	sp. 1	1		1			1		1
				<i>Eudaronia</i>		3		3			3		3
				<i>Moelleriopsis</i>	sp. 5	1		1			1		1
				<i>Moelleriopsis</i>		2		2			2		2
			Trochaclididae	<i>Acremodontina</i>	<i>kermadecensis</i>	2		2			2		2
				<i>Acremodontina</i>		1		1			1		1
			Trochaclididae undet.			2		2			2		2
		Thecosomata (pteropods)	Cavoliniidae	<i>Cavolinia</i>	<i>inflexa</i>		1		7		1		7
				<i>Cuvierina</i>	<i>columnella</i>		1		3		1		3
			Limacinidae				1		1		1		1
		Thecosomata undet.				14	2	14	2		16		16
		Trochida	Angariidae	<i>Angaria</i>	<i>delphinus</i>	9		9			9		9
			Calliostomatidae	<i>Calliostoma</i>	<i>simplex</i>	1		1			1		1
				<i>Calliostoma</i>			1		2		1		2
				<i>Fautor</i>	<i>consobrinum</i>	9		9			9		9
				<i>Tristichotrochus</i>	<i>gendalli</i>	2		2			2		2
				<i>Tristichotrochus</i>	<i>tosaensis</i>	1		1			1		1
				<i>Venustatrochus</i>	<i>eclectus</i>	1	2	1	2		3		3
			Calliostomatidae undet.			1		1			1		1
			Colloniidae	<i>Argalista</i>	sp. 5	4		4			4		4
				<i>Argalista</i>		1		1			1		1
				<i>Cantrainea</i>		1	2	1	2		3		3
				<i>Leptothyra</i>	<i>benthicola</i>	8		8			8		8
				<i>Leptothyra</i>	<i>kermadecensis</i>	3		3			3		3
			Colloniidae undet.			3		3			3		3
			Liotiidae	<i>Dactyliotia</i>	<i>raoulensis</i>	1		1			1		1
				<i>Munditia</i>	sp. 1	1		1			1		1
				<i>Munditia</i>		3		3			3		3
				<i>Punctiliotia</i>	<i>kermadecensis</i>	1		1			1		1
			Margaritidae	<i>Antimargarita</i>	sp. A		1		1		1		1
			Phasianellidae		sp. 1	2		2			2		2
			Skeneidae	<i>Anekes</i>	sp. 1	4		4			4		4
				<i>Anekes</i>	sp. 2	1		1			1		1
				<i>Brookula</i>	<i>stibarochila</i>	3		3			3		3

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						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Brookula</i>		3		3		3		3	
				<i>Bruceiella</i>			1		1	1		1	
				<i>Cirsonella</i>		4		4		4		4	
				<i>Crossea</i>	sp. 1	1		1		1		1	
				<i>Liotella</i>		1		1		1		1	
				<i>Lissotesta</i>	sp. 1	2		2		2		2	
				<i>Lissotesta</i>	sp. 2	1		1		1		1	
				<i>Lissotesta</i>	sp. 3	1		1		1		1	
				<i>Lissotesta</i>	sp. 4	1		1		1		1	
				<i>Lissotestella</i>		2		2		2		2	
				<i>Lissotestella</i>		1		1		1		1	
				<i>Pareuchelus</i>	sp. 1	5		5		5		5	
				<i>Parviturbo</i>	sp. 1	4		4		4		4	
				<i>Philorene</i>	<i>texturata</i>	3		3		3		3	
				<i>Retigyra</i>	sp. 1	1	1	1	1	2		2	
				<i>Skeneoides</i>		1		1		1		1	
			Skeneidae		sp. 1	1		1		1		1	
			Skeneidae undet.			12		12		12		12	
			Solariellidae	<i>Archimnolia</i>	cf. <i>alabida</i>	1		1		1		1	
				<i>Archimnolia</i>	<i>alabida</i>	1	26	1	32	27		33	
				<i>Archimnolia</i>	<i>dawsoni</i>	3		3		3		3	
				<i>Archimnolia</i>	<i>hurleyi</i>	1		1		1		1	
				<i>Archimnolia</i>	<i>meridiana</i>		2		4	2		4	
				<i>Bathymophila</i>	<i>asphala</i>		4		10	4		10	
				<i>Bathymophila</i>	<i>gravida</i>		11		12	11		12	
				<i>Bathymophila</i>		1	3	1	3	4		4	
				<i>Solariella</i>		1	14	1	17	15		18	
				<i>Zetela</i>	<i>kopua</i>	1		1		1		1	
			Tegulidae	<i>Tectus</i>	<i>royanus</i>	3		3		3		3	
			Trochidae	<i>Clanculus</i>	<i>persicus</i>	1		1		1		1	
				<i>Monilea</i>	<i>incerta</i>	7		7		7		7	
				<i>Stomatella</i>	<i>oliveri</i>	5		5		5		5	
				<i>Ventsia</i>			2		2	2		2	
			Trochidae undet.			2	3	2	7	5		9	
			Turbinidae	<i>Bolma</i>	<i>fuscolineata</i>	1		1		1		1	
				<i>Bolma</i>	<i>kermadecensis</i>	2		2		2		2	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Bolma</i>	<i>recens</i>		1		1		1		1
				<i>Cantrainea</i>	<i>inexpectata</i>		4		4		4		4
							3		5		3		5
				<i>Leptothyra</i>	<i>kermadecensis</i>	1		7			1		7
		Umbraculida	Tylodinidae	<i>Anidolyta</i>	sp. 1	1		1			1		1
			Umbraculidae	<i>Umbraculum</i>	<i>umbraculum</i>	1		1			1		1
	Gastropoda undet.					70	17	70	217		87		287
	Monoplacophora					1	1	1	1		2		2
	Polyplacophora	Chitonida	Chitonidae	<i>Chiton</i>		1		1			1		1
				<i>Onithochiton</i>	<i>oliveri</i>	1		1			1		1
			Loricidae	<i>Loricella</i>			1		1		1		1
			Mopaliidae	<i>Placiphorella</i>	<i>atlantica</i>		3		4		3		4
		Lepidopleurida	Leptochitonidae	<i>Parachiton</i>	<i>mestayerae</i>	1		1			1		1
	Polyplacophora undet.					8		8			8		8
	Scaphopoda	Dentaliida	Dentaliidae	<i>Fissidentalium</i>	sp. B		3		4		3		4
				<i>Fissidentalium</i>			1		4		1		4
			Dentaliidae		sp. 10	1		1			1		1
			Dentaliidae		sp. 11	1		1			1		1
			Dentaliidae		sp. 12	1		1			1		1
	Scaphopoda				sp. X	1		2			1		2
	Scaphopoda				sp. Y	1		1			1		1
	Scaphopoda undet.					11	2	11	3		13		14
Mollusca undet.						2	9	2	11		11		13
Nematoda						21		131			21		131
Nemertea						1	4	1	4		5		5
Porifera	Demospongiae	Chondrosida	Chondrillidae	<i>Chondrosia</i>	n. sp. 1	1		1			1		1
		Hadromerida	Clionidae	<i>Cliona</i>	n. sp. 4	1		1			1		1
				<i>Cliona</i>	n. sp. 5	1		1			1		1
			Hemiasterellidae	<i>Hemiasterella</i>	<i>topsenti</i>	3		4			3		4
			Polymastiidae	<i>Acanthopolymastia</i>	<i>pisiformis</i>		1		1		1		1
				<i>Acanthopolymastia</i>	n. sp. 1		1		1		1		1
				<i>Sphaerotylus</i>	n. sp. 1		2		2		2		2
				<i>Spinularia</i>	n. sp. 1		1		7		1		7
				<i>Tentorium</i>	cf. <i>papillatum</i>		2		2		2		2
				<i>Tentorium</i>	n. sp. 1		1		1		1		1

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Trichostemma</i>	<i>cf. irregularis</i>		1		1		1		1
			Suberitidae	<i>Plicatellopsis</i>	n. sp. 6	2		4			2		4
				<i>Pseudosuberites</i>	n. sp. 1	1		1			1		1
				<i>Suberites</i>	<i>pisiformis</i>	1		1			1		1
				<i>Suberites</i>	<i>cf. n. sp. 1</i>		1		1		1		1
				<i>Suberites</i>	n. sp. 2		1		8		1		8
			Tethyidae	<i>Tethya</i>	<i>bergquistae</i>	1		1			1		1
				<i>Tethya</i>	n. sp. 2	1		1			1		1
		Halichondrida	Dictyonellidae			1		1			1		1
			Halichondriidae	<i>Hymeniacidon</i>	n. sp. 2		1		1		1		1
			Halichondriidae	n. gen.	n. sp.	1		1			1		1
		Haplosclerida	Callyspongiidae	<i>Callyspongia</i>		1		1			1		1
			Petrosiidae	<i>Petrosia (Petrosia)</i>	<i>pluricristata</i>	2		2			2		2
				<i>Petrosia</i>	n. sp. 1	1		1			1		1
				<i>Petrosia</i>	n. sp. 4	1		1			1		1
				<i>Strongylophora</i>	n. sp. 1	2		21			2		21
				<i>Xestospongia</i>	n. sp. 7	1		1			1		1
		Haplosclerida undet.				1		1			1		1
		Homosclerophorida	Plakinidae	<i>Corticium</i>	<i>cf. bargibanti</i>	1		1			1		1
		Lithistid Demospongiae	Corallistidae	<i>Awhiowhio</i>	<i>unda</i>	1		1			1		1
				<i>Herengeria</i>	<i>vasiformis</i>	1	1	1	1		2		2
			Neopeltidae	<i>Neopelta</i>	<i>pulvinus</i>	1		1			1		1
			Phymatellidae	<i>Neoaulaxinia</i>	<i>persicum</i>	1		1			1		1
				<i>Neosiphonia</i>	<i>cf. superstes</i>		1		1		1		1
				<i>Neosiphonia</i>	<i>?superstes</i>	1		1			1		1
				<i>Neosiphonia</i>	<i>superstes</i>	3	2	3	6		5		9
				<i>Reidispongia</i>	<i>coerulea</i>		1		1		1		1
			Pleromidae	<i>Pleroma</i>	<i>menoui</i>	8		10			8		10
				<i>Pleroma</i>	<i>turbinatum</i>	3		4			3		4
			Scleritodermidae	<i>Aciculites</i>	<i>pulchra</i>	2		2			2		2
		Poecilosclerida	Cladorhizidae	<i>Abyssocladia</i>	<i>carcharias</i>		1		1		1		1
				<i>Abyssocladia</i>	n. sp. D		1		2		1		2
				<i>Abyssocladia</i>	n. sp. (r-k)		1		1		1		1
				<i>Abyssocladia</i>		1		1			1		1
				<i>Asbestopluma</i>	<i>cf. desmophora</i>		1		1		1		1

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Asbestopluma</i>	n. sp. (long branches)		2		2		2		2
				<i>Asbestopluma</i>			1		1		1		1
				<i>Asbestopluma</i>	n. sp. (pompom)		1		3		1		3
				<i>Chondrocladia</i>	n. sp. A	1	1	1	4		2		5
				<i>Cladorhiza</i>	<i>similis</i>		1		1		1		1
				<i>Cladorhiza</i>	n. sp. (spiky feather)		1		1		1		1
			Coelosphaeridae	<i>Histodermella</i>	cf. <i>australis</i>		3		3		3		3
				<i>Histodermella</i>	<i>australis</i>		3		7		3		7
				<i>Lissodendoryx</i>	n. sp. 3		1		1		1		1
			Desmacellidae	<i>Sigmaxinella</i>	n. sp. 3		1		4		1		4
			Hamacanthidae	<i>Hamacantha</i>	n. sp. 1		2		2		2		2
				<i>Hamacantha</i>					1		1		4
			Hymedesmiidae	<i>Hymedesmia</i>	cf. <i>spiniarcuata</i>	1		7			1		7
				<i>Phorbas</i>	n. sp. 9	2		3			2		3
			Microcionidae	<i>Antho</i>	n. sp. 1	1		8			1		8
				<i>Echinochalina</i>	n. sp. 1	1		1			1		1
			Mycalidae	<i>Mycale</i>	n. sp. 4			1			1		1
				<i>Mycale</i>	<i>(Mycale)</i>		1		1		1		1
			Myxillidae	<i>Clathria</i>	<i>(Clathria)</i>	2		2			2		2
				<i>Microtylostylyfer</i>	n. sp. 9			2		6		2	6
				<i>Microtylostylyfer</i>	cf. n. sp. 9	1		1			1		1
			?Myxillidae			1		1			1		1
			Phellodermidae	<i>Phelloderma</i>	<i>brunni</i>			2		8		2	8
			Raspailiidae	<i>Eurypon</i>	n. sp. 3	1		10			1		10
				<i>Eurypon</i>		1		1			1		1
		Spirophorida	Tetillidae	<i>Craniella</i>	<i>neocaledoniae</i>	1		1			1		1
				<i>Craniella</i>	n. sp.			1			1		1
			Tetillidae		n. gen. 1	1		1			1		1
		Tetractinellida	Ancorinidae	<i>Penares</i>	<i>palmatoclada</i>	1	6	1	18		7		19
				<i>Stelletta</i>	<i>centroradiata</i>		2		13		2		13
				<i>Stelletta</i>	cf. <i>phialimorpha</i>	2	1	2	1		3		3
				<i>Stelletta</i>	n. sp. 2		2		2		2		2
				<i>Stelletta</i>	n. sp. 15	1		17			1		17
				<i>Stelletta</i>		4		4			4		4

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
			Calthropellidae	<i>Calthropella</i>	<i>(Calthropella)</i>	n. sp. 1	1		1		1		1
			Geodiidae	<i>Geodia</i>	<i>caliciformis</i>			4	5		4		5
				<i>Geodia</i>	<i>ewok</i>			1	1		1		1
				<i>Geodia</i>	<i>vestigifera</i>		5	3	5	5	8		10
				<i>Pachymatisma</i>	<i>nodosa</i>			12	27		12		27
			Pachastrellidae	<i>Ancorella</i>	n. sp. 2			1	2		1		2
				<i>Characella</i>	cf. n. sp. 2		2		2		2		2
				<i>Cladothenea</i>	n. sp. 2			1	1		1		1
				<i>Poecillastra</i>	cf. <i>laminaris</i>			1	1		1		1
				<i>Poecillastra</i>	cf. <i>laminaris</i> (n. sp. 2)		1		3		1		3
				<i>Poecillastra</i>	<i>laminaris</i>		5	1	7	10	6		17
			Pachastrellidae		n. sp. 1			1	1		1		1
		Tetractinellida undet.					2		2		2		2
		Verongida	Aplysinellidae	<i>Suberea</i>	<i>meandrina</i>		3		3		3		3
	Hexactinellida	Amphidiscosida	Hyalonematidae	<i>Hyalonema</i>				1	1		1		1
				<i>Hyalonema (Oonema)</i>	<i>bipinnulum</i>		4	2	4	16	6		20
				<i>Hyalonema (Oonema)</i>				1	4		1		4
				<i>Hyalonema (Coscinonema)</i>	n. sp. 1			1	1		1		1
				<i>Hyalonema (Cyliconema)</i>			1		2		1		2
				<i>Hyalonema</i>				2	2		2		2
			Hyalonematidae		sp. spicule rope			1	1		1		1
			Hyalonematidae undet.				1		1		1		1
			Pheronematidae	<i>Pheronema</i>	<i>conicum</i>			1	1		1		1
				<i>Pheronema</i>	cf. <i>conicum</i>		1		1		1		1
			Pheronematidae undet.				4		4		4		4
		Amphidiscosida undet.						3	3		3		3
		Aulocalycoida	Aulocalycidae	<i>Euryplegma</i>	<i>auriculare</i>		2	2	2	4	4		6
		Hexactinosida	Aphrocallistidae	<i>Aphrocallistes</i>	<i>beatrix</i>		1		1		1		1
			Auloplacidae	<i>Auloplax</i>	<i>breviscopulata</i>		2		2		2		2
			Euretidae	<i>Bathyxiphus</i>	<i>subtilis</i>			1		3	1		3
				<i>Chonelasma</i>	<i>hamatum</i>		1		6		1		6
				<i>Chonelasma</i>	<i>lamella</i>			1	1		1		1
				<i>Chonelasma</i>				1	1		1		1
				<i>Conorete</i>	<i>gordoni</i>			1	1		1		1

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Gymnorete</i>	<i>pacificum</i>	1		1		1		1	
				<i>Gymnorete</i>	<i>stabulatum</i>	1		1		1		1	
			Euretinae (subfam.) incertae sedis			1	4	1	6	5		7	
			Euretidae undet.			1	2	2	3	3		5	
			Farreidae	<i>Farrea</i>	<i>ananchorata</i>	2	2	2	2	4		4	
				<i>Farrea</i>	<i>anoxyhexastra</i>	1		1		1		1	
				<i>Farrea</i>	<i>medusiforma</i>	3		3		3		3	
				<i>Farrea</i>	<i>occa occa</i>	2	3	2	3	5		5	
				<i>Farrea</i>	cf. <i>occa occa</i>		2		2	2		2	
				<i>Farrea</i>	<i>raoulensis</i>	1	1	1	1	2		2	
				<i>Farrea</i>	<i>similaris</i>	1		1		1		1	
				<i>Farrea</i>			1		1	1		1	
			Farreidae incertae sedis			11		11		11		11	
			Tretodictyidae	<i>Hexactinella</i>	cf. <i>aurea</i>		1		2	1		2	
			Hexactinosida incertae sedis			2		2		2		2	
			Hexactinosida undet.			2		6		2		6	
			Lyssacosida	Euplectellidae	<i>Amphidiscella</i>		2		6	2		6	
					<i>Corbitella</i>			1		1		1	
					<i>Euplectella</i>			1		1		1	
					<i>Regadrella</i>			10		1		10	
					<i>Regadrella</i>			2		2		2	
					<i>Regadrella</i>			2		2		2	
					<i>Saccocalyx</i>			1		1		1	
					<i>Saccocalyx</i>			1		1		1	
					<i>Walteria</i>		1		1	1		1	
					<i>Walteria</i>		9	6	18	13		24	
			Bolosominae (subfam.)			4	1	4	1	5		5	
			Euplectellidae undet.			3		4		3		4	
			Leucopsacidae	<i>Chaunoplectella</i>	cf. <i>cavernosa</i>	5		5		5		5	
				<i>Acanthascus</i>									
			Rossellidae	<i>(Rhabdocalyptus)</i>	cf. <i>mollis</i>	1		1		1		1	
				<i>Acanthascus</i>									
				<i>(Rhabdocalyptus)</i>	sp. 1		1		1	1		1	
				<i>Crateromorpha</i>									
				<i>(Aulochone)</i>	<i>cylindrica</i>		1		1	1		1	
				<i>Crateromorpha</i>									
				<i>(Aulochone)</i>		2		2		2		2	

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total no. of lots		Total no. of specimens	
						Kermadec	Tectonic Reach	Kermadec	Tectonic Reach	All BPAs	Kermadec	All BPAs	Kermadec
				<i>Crateromorpha</i>	<i>meyeri</i>		1		1	1			1
				<i>Crateromorpha</i>		1		1		1			1
				<i>Hyalascus</i>	n. sp. 2	2		2		2			2
				<i>Hyalascus</i>	n. sp. 3		1		1	1			1
				<i>Rossella</i>			1		1	1			1
	Hexactinellida undet.	Lyssacinosa undet.					1		1	1			1
							4		5	4			5
Porifera undet.						50	5	50	8	55			58
Sipuncula						1	14	1	16	15			17
Grand Total						697	2403	70007	8552	9382			78559

Chatham Rise region

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chatham Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chatham Rise		
Annelida	Oligochaeta (includes leeches)	Euhirudinea	Piscicolidae	<i>Bdellamaris</i>	<i>manteri</i>				1				1	1	1
	Polychaeta	Amphinomida	Amphinomidae	<i>Chloeia</i>	<i>inermis</i>				20				20	20	20
				<i>Linopherus</i>	<i>minuta</i>				8				8	8	8
				<i>Paramphinome</i>					2				2	2	2
				<i>Pseudeurythoe</i>	<i>minuta</i>				4				4	4	4
		Eunicida	Dorvilleidae	<i>Schistomeringos</i>					1				1	1	1
			Eunicidae	<i>Eunice</i>	<i>australis</i>				7				7	7	7
				<i>Eunice</i>	<i>pennata</i>				1				1	1	1
				<i>Eunice</i>	<i>tentaculata</i>				3				3	3	3
				<i>Eunice</i>	<i>vittata</i>				1				1	1	1
				<i>Eunice</i>	sp. A				3				3	3	3
				<i>Eunice</i>					1				1	1	1
			Eunicidae undet.						5				5	5	5
			Lumbrineridae	<i>Lumbrineris</i>	<i>brevicirra</i>				2				2	2	2
				<i>Lumbrineris</i>	<i>sphaerocephala</i>				1				1	1	1
				<i>Lumbrineris</i>					5				5	5	5
				<i>Ninoe</i>	<i>ninetta</i>				1				1	1	1

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
				<i>Ninoe</i>					4					4	4
				<i>Paraninoe</i>					2					2	2
				<i>Scoletoma</i>					3					3	3
			Oeonidae	<i>Drilonereis</i>					2					2	2
			Onuphidae	<i>Hyalinoecia</i>	<i>longibranchiata</i>				40					40	40
				<i>Hyalinoecia</i>					1					1	1
				<i>Kinbergonuphis</i>	<i>proalopus</i>				11					11	11
				<i>Kinbergonuphis</i>	sp. C		1				1			1	1
				<i>Kinbergonuphis</i>					1					1	1
				<i>Nothria</i>					1					1	1
				<i>Notonuphis</i>					1					1	1
				<i>Onuphis</i>	<i>aucklandensis</i>				2					2	2
				<i>Onuphis</i>	<i>iridescens</i>				3					3	3
				<i>Onuphis</i>	<i>proalopus</i>				2					2	2
				<i>Rhamphobrachiium</i>					2					2	2
				<i>Rhamphobrachiium</i>	<i>averincevi</i>				2					2	2
				<i>Rhamphobrachiium</i>	<i>chumi</i>				5					5	5
				<i>Rhamphobrachiium</i>	<i>spinigerum</i>				1					1	1
			Onuphidae undet.						3					3	3
		Phyllococida	Acoetidae	<i>Panthalis</i>	<i>novaezealandiae</i>		1		3			1		3	4
			Alciopidae		n. sp.				1					1	1
			Aphroditidae	<i>Aphrodita</i>	<i>?talpa</i>				1					1	1
				<i>Aphrodita</i>	<i>talpa</i>				14					14	14
				<i>Aphrodita</i>					1					1	1
			Aphroditidae undet.						4					4	4
			Glyceridae	<i>Glycera</i>	<i>americana</i>				1					1	1
				<i>Glycera</i>	<i>knoxii</i>				8					8	8
				<i>Glycera</i>	<i>rusa</i>				2					2	2
				<i>Glycera</i>	<i>tesselata</i>				2					2	2
				<i>Glycera</i>					6					6	6
				<i>Hemipodus</i>	<i>digitifera</i>				3					3	3
			Glyceridae undet.						1					1	1
			Goniadidae	<i>Goniada</i>	<i>brunnea</i>				1					1	1
				<i>Progoniada</i>					1					1	1
			Goniadidae undet.						3					3	3
			Nephtyidae	<i>Aglaophamus</i>	cf. <i>macrourea</i>				1					1	1

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
				<i>Aglaophamus</i>	<i>cf. maoriana</i>								1	1	
				<i>Aglaophamus</i>	<i>verrilli</i>								6	6	
				aff. <i>Aglaophamus</i>									3	3	
				<i>Nephtys</i>	<i>bruuni</i>								2	2	
			Nephtyidae												
			undet.										1	1	
			Nereididae	<i>Cheilonereis</i>	<i>peristomialis</i>								2	2	
			Phyllodocidae	<i>Eulalia</i>	<i>benthicola</i>								1	1	
				<i>Eumida</i>									1	1	
				<i>Nereiphylla</i>									2	2	
				<i>Notophyllum</i>	<i>imbricatum</i>								1	1	
				<i>Paranaitis</i>									1	1	
				<i>Phyllodoce</i>	<i>castanea</i>								1	1	
				<i>Protomystides</i>									2	2	
				<i>Pterocirrus</i>	<i>magalhaensis</i>								1	1	
			Phyllodocidae												
			undet.										3	3	
			Pilargidae	<i>Ancistrosyllis</i>									2	2	
					<i>kermadecensis</i>										
			Polynoidae	<i>Antinoe</i>									1	1	
					<i>purpureus</i>								2	2	
				<i>Antinoella</i>									4	4	
				<i>Eunoe</i>	<i>iphionoides</i>								1	1	
				<i>Euphione</i>	<i>squamosa</i>								1	1	
				<i>Gorgoniapolynoe</i>									1	1	
				<i>Harmothoe</i>	<i>crosetensis</i>								1	1	
				<i>Harmothoe</i>	sp. E								1	1	
				<i>Harmothoe</i>	sp. F								1	1	
				<i>Harmothoe</i>	sp. D								7	7	
				<i>Lepidonotus</i>	<i>ambigua</i>								1	1	
				<i>Lepidonotus</i>									1	1	
				<i>Polyeunoa</i>	<i>monroi</i>								1	1	
			Harmothoinae												
			(subfam.)										8	8	
			Iphioninae												
			(subfam.)										1	1	
			Lepidonotinae												
			(subfam.)										1	1	
			Polynoidae												
			undet.										2	2	
			Sigalionidae	<i>Labiothenolepis</i>	<i>laevis</i>								4	4	
				<i>Leanira</i>	<i>quatrefagesi</i>								1	1	
				<i>Leanira</i>									3	3	
				<i>Stenolepis</i>	<i>laevis</i>								1	1	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
				<i>Sthenelais</i>	<i>chathamensis</i>				2				2	2	2
				<i>Sthenolepis</i>	<i>laevis</i>				2				2	2	2
			Sigalionidae						2				2	2	2
			undet.						2				2	2	2
			Sphaerodoridae						1				1	1	1
			Syllidae	<i>Clavodorum</i>					1				1	1	1
				<i>Ehlersia</i>					1				1	1	1
				<i>Eusyllis</i>	<i>keruelensis</i>				1				1	1	1
				<i>Pionosyllis</i>	<i>cosma</i>				1				1	1	1
				<i>Syllis</i>	<i>anops</i>				1				1	1	1
			Exogoninae (subfam.)						4				4	4	4
			Syllinae (subfam.)						8				8	8	8
			Eusyllinae (subfam.)						3				3	3	3
			Syllidae undet.						2				2	2	2
		Sabellida	Oweniidae	<i>Myriochele</i>					1				1	1	1
			Sabellidae	<i>Euchone</i>					3				3	3	3
				<i>Potamilla</i>					1				1	1	1
			Sabellidae		sp. 7				1				1	1	1
			Sabellidae undet.						5				5	5	5
			Serpulidae	<i>Filograna</i>	<i>implexa</i>				1				1	1	1
				<i>Salmacina</i>	<i>australis</i>				1				1	1	1
				<i>Salmacina</i>					1				1	1	1
				<i>Serpula</i>	<i>crenata</i>				3				3	3	3
				<i>Serpula</i>	<i>japonica</i>				4				4	4	4
				<i>Serpula</i>	sp. 1				1				1	1	1
				<i>Serpula</i>	sp. 3				3				3	3	3
				<i>Spirobranchus</i>	<i>laticapus</i>				6				6	6	6
				<i>Spirobranchus</i>					5				5	5	5
			Serpulinae (subfam.)						1				1	1	1
			Serpulidae undet.						3				3	3	3
		Scolecida	Capitellidae	<i>Notomastus</i>					3				3	3	3
			Cossuridae	<i>Cossura</i>	<i>consimilis</i>				4				4	4	4
			Maldanidae	<i>Asychis</i>					14				14	14	14
				<i>Lumbriclymene</i>	<i>cylindricauda</i>				3				3	3	3
				<i>Maldane</i>	<i>theodori</i>				2				2	2	2
				<i>Maldane</i>					1				1	1	1
				<i>Nicomache</i>					1				1	1	1
			Maldanidae undet.						14				14	14	14

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
			Opheliidae	<i>Armandia</i>	<i>maculata</i>				1				1	1	1
				<i>Ophelina</i>					3				3	3	3
			Orbiniidae	<i>Califa</i>					3				3	3	3
				<i>Leitoscoloplos</i>					1				1	1	1
				<i>Scoloplos</i>											
				(<i>Leodamas</i>)					1				1	1	1
			Paraonidae	<i>Aricidea</i>					8				8	8	8
				<i>Levinsenia</i>					6				6	6	6
			Paraonidae undet.						2				2	2	2
			Scalibregmatidae	<i>Scalibregma</i>	<i>inflatum</i>				1				1	1	1
				<i>Scalibregma</i>					2				2	2	2
		Spionida	Spionidae	<i>Dipolydora</i>	<i>socialis</i>				3				3	3	3
				<i>Laonice</i>					6				6	6	6
				<i>Paraprionospio</i>	<i>coora</i>				10				10	10	10
				<i>Polydora</i>	<i>socialis</i>				1				1	1	1
				<i>Prionospio</i>	<i>dubia</i>				1				1	1	1
				<i>Prionospio</i>	<i>ehlersi</i>				2				2	2	2
				<i>Prionospio</i>	<i>multicristata</i>				2				2	2	2
				<i>Prionospio</i>	<i>yuriel</i>				1				1	1	1
				<i>Prionospio</i>					5				5	5	5
				<i>Scolecopsis</i>					2				2	2	2
				<i>Spio</i>					1				1	1	1
				<i>Spiophanes</i>	<i>bombyx</i>				1				1	1	1
				<i>Spiophanes</i>	<i>kroyeri</i>				2				2	2	2
				<i>Spiophanes</i>	<i>urceolata</i>				3				3	3	3
				<i>Spiophanes</i>					3				3	3	3
			Trochochaetidae	<i>Trochochaeta</i>					1				1	1	1
			Uncispionidae	<i>Uncopherusa</i>					1				1	1	1
		Terebellida	Ampharetidae	<i>Ampharete</i>	<i>kerguelensis</i>				2				2	2	2
				<i>Auchenoplax</i>	<i>mesos</i>				2				2	2	2
				<i>Endecamera</i>					4				4	4	4
				<i>Lysippe</i>					1				1	1	1
				<i>Melinna</i>	<i>armandi</i>				1				1	1	1
				<i>Paiwa</i>					2				2	2	2
			Ampharetinae (subfam.)						7				7	7	7
			Ampharetidae		n. sp.				17				17	17	17
			Ampharetidae undet.						2				2	2	2
			Cirratulidae	<i>Aphelochaeta</i>					3				3	3	3
				<i>Chaetozone</i>					6				6	6	6
				<i>Monticellina</i>					1				1	1	1

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						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
			Cirratulidae						3				3	3	3
			Fauveliopsidae	<i>Fauveliopsis</i>	<i>brevis</i>				1				1	1	1
			Flabelligeridae						2				2	2	2
			Terebellidae	<i>Lanice</i>					1				1	1	1
				<i>Pista</i>					2				2	2	2
				<i>Polycirrus</i>					1				1	1	1
			Amphitrinae (subfam.)						1				1	1	1
			Thelepininae (subfam.)						3				3	3	3
			Terebellidae						4				4	4	4
			Trichobranchiidae	<i>Terebellides</i>	<i>stroemi</i>				1				1	1	1
				<i>Terebellides</i>					2				2	2	2
			Trichobranchiidae undet.						5				5	5	5
			Polychaeta undet.				1		27			1	27	28	28
Arthropoda	Branchiopoda		Ampeliscidae	<i>Ampelisca</i>					23				23	23	23
	Malacostraca	Amphipoda		<i>Ampelisca</i>	<i>chiltoni</i>				1				1	1	1
			Ampeliscidae undet.						6				6	6	6
			Aoridae	<i>Camacho</i>	<i>bathyplois</i>				1				1	1	1
				<i>Camacho</i>					1				1	1	1
			Corophiidae						3				3	3	3
			Lepechinellidae						5				5	5	5
			Lysianassidae	<i>Parawaldeckia</i>					5				5	5	5
			Lysianassidae undet.						2				2	2	2
			Oedicerotidae	<i>Oediceroides</i>	<i>apicalis</i>				1				1	1	1
					<i>limpieza</i>				5				5	5	5
			Oedicerotidae undet.						1				1	1	1
			Pardaliscidae	<i>Nicippe</i>	<i>rogeri</i>				2				2	2	2
			Pardaliscidae undet.						1				1	1	1
			Phoxocephalidae						17				17	17	17
				<i>Joubinella</i>	<i>traditor</i>				5				5	5	5
				<i>Palabriaphoxus</i>	<i>palabria</i>				1				1	1	1
				<i>Palabriaphoxus</i>	<i>ovopalabria</i>				1				1	1	1
				<i>Phoxocephalus</i>					1				1	1	1
			Phoxocephalidae undet.						5				5	5	5

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						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
			Synopiidae	<i>Bruzelia</i>	<i>erikae</i>				1				1	1	1
					<i>Syrrhoë affinis</i>				7				7	7	7
					<i>Syrrhoites ebberae</i>				2				2	2	2
					<i>Syrrhoites hammahae</i>				2				2	2	2
			Urothoidae	<i>Carangolia</i>	<i>puliciformis</i>				1				1	1	1
				<i>Carangolia</i>					1				1	1	1
		Amphipoda undet.							14				14	14	14
		Cumacea	Bodotriidae	<i>Apocuma</i>	<i>sculpta</i>				2				2	2	2
				<i>Cyclaspis</i>	<i>petrescui</i>				3				3	3	3
				<i>Cyclaspis</i>	<i>zealandiaensis</i>				1				1	1	1
				<i>Cyclaspis</i>					1				1	1	1
			Diastylidae	<i>Diastylis</i>	<i>acuminata</i>				1				1	1	1
				<i>Diastylis</i>	<i>insularum</i>				1				1	1	1
				<i>Diastylis</i>					3				3	3	3
				<i>Diastylopsis</i>					1				1	1	1
				<i>Diastylopsis</i>	sp. 1				1				1	1	1
				<i>Diastylopsis</i>	sp. 2				1				1	1	1
				<i>Diastylopsis</i>	sp. 1 (2 ridges)				1				1	1	1
			Diastylidae undet.	<i>Leptostylis</i>					2				2	2	2
			Gynodiastylidae	<i>Gynodiastylis</i>	<i>koataata</i>				1				1	1	1
			Lampropidae	<i>Bathylamprops</i>					1				1	1	1
				<i>Hemilamprops</i>					1				1	1	1
				<i>Watlingia</i>	<i>cassis</i>				5				5	5	5
				<i>Watlingia</i>	<i>chathamensis</i>				2				2	2	2
			Lampropidae	n. gen.					1				1	1	1
			Leuconidae	<i>Eudorella</i>	n. sp. (big)				1				1	1	1
				<i>Eudorella</i>	n. sp. (large)				3				3	3	3
				<i>Eudorella</i>	n. sp. (small)				1				1	1	1
				<i>Leucon</i>	sp. 10				2				2	2	2
				<i>Leucon</i>	sp. 11				4				4	4	4
				<i>Leucon</i>	sp. 14				2				2	2	2
				<i>Leucon</i>	sp. 15				3				3	3	3
				<i>Leucon</i>	sp. 19				1				1	1	1
				<i>Leucon</i>	sp. (long psr)				1				1	1	1
				<i>Leucon</i>	sp. (long siphon)				1				1	1	1
				<i>Leucon</i>	sp. (spiny)				4				4	4	4
				<i>Leucon</i>	sp. (spiny front)				1				1	1	1
				<i>Leucon</i>					6				6	6	6

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						Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
			Leuconidae		sp. 1								3	3	
			Nannastacidae	<i>Atlantocuma</i>	<i>confunda</i>								1	1	
				<i>Campylaspis</i>	<i>apheles</i>								2	2	
				<i>Campylaspis</i>	<i>bituberculata</i>								1	1	
				<i>Campylaspis</i>	<i>rex</i>								1	1	
				<i>Campylaspis</i>	<i>rufus</i>								3	3	
				<i>Campylaspis</i>	<i>schnabelae</i>								1	1	
				<i>Campylaspis</i>	<i>sculptaspinosa</i>								5	5	
				<i>Nannastacus</i>	<i>pilgrimi</i>	1				1			1	1	
				<i>Procampylaspis</i>	<i>rhyapakoceros</i>								7	7	
				<i>Schizotrema</i>									1	1	
				<i>Styloptocuma</i>	<i>gordoni</i>								3	3	
	Decapoda		Aristeidae	<i>Aristeus</i>									1	1	
			Axiidae	<i>Axiopsis</i>									1	1	
			Campylonotidae	<i>Campylonotus</i>	<i>rathbunae</i>								38	38	
					<i>novaezealandi</i>								38	38	
			Chirostylidae	<i>Gastroptychus</i>	<i>ae</i>								5	5	
				<i>Uroptychus</i>	<i>tracey</i>								1	1	
				<i>Uroptychus</i>	n. sp.								8	8	
			Crangonidae	<i>Metacrangon</i>	<i>knoxi</i>								11	11	
					<i>acutirostratus</i>								8	8	
				<i>Philocheras</i>	<i>s</i>								8	8	
				<i>Philocheras</i>	<i>pilosoides</i>								1	1	
				<i>Prionocrangon</i>	<i>curvicaulis</i>								5	5	
			Crangonidae undet.										2	2	
			Galatheididae	<i>Phylladorhynchus</i>									2	2	
				<i>Phylladorhynchus</i>	<i>pusillus</i>								5	5	
				<i>Phylladorhynchus</i>	n. sp. 1								4	4	
				<i>Phylladorhynchus</i>	?n. sp. 1								1	1	
				<i>Phylladorhynchus</i>	n. sp. 3								5	5	
			Goneplacidae	<i>Pycnoplax</i>									1	1	
				<i>Pycnoplax</i>	<i>meridionalis</i>								1	1	
				<i>Pycnoplax</i>	<i>victoriensis</i>								5	8	
				<i>Pycnoplax</i>									1	1	
			Homolidae	<i>Dagnaudus</i>	<i>petterdi</i>								3	3	
				<i>Latreillopsis</i>									1	1	
			Majidae	<i>Leptomithrax</i>	<i>garricki</i>								1	1	

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						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
				<i>Teratomaia</i>	<i>richardsoni</i>				8				8	8	
				<i>Teratomaia</i>					1				1	1	
			Munididae	<i>Munida</i>	<i>endeavourae</i>			1				2	1	2	
				<i>Munida</i>	<i>gracilis</i>				45				45	45	
				<i>Munida</i>					21				21	21	
			Nematocarcinidae	<i>Lipkius</i>	<i>holthuisi</i>		2				2		2	2	
				<i>Nematocarcinus</i>	<i>gracilis</i>			1				1	1	1	
				<i>Nematocarcinus</i>				1				1	1	1	
			Nephropidae	<i>Metanephrops</i>	<i>challengeri</i>				3				3	3	
			Paguridae	<i>Bythiopagurus</i>	<i>macrocolus</i>			1				5	1	5	
				<i>Lophopagurus</i>	<i>foresti</i>				1				1	1	
				<i>Porcellanopagurus</i>	<i>filholi</i>				2				2	2	
			Paguridae undet.						4				4	4	
			Pandalidae	<i>Notopandalus</i>	<i>magnoculus</i>				22				22	22	
				<i>Plesionika</i>				2				2	2	2	
			Pandalidae undet.					1				1	1	1	
			Parapaguridae	<i>Sympagurus</i>	<i>dimorphus</i>		1		3			1	3	4	
			Pasiphaeidae	<i>Pasiphaea</i>	<i>sivado</i>				1				1	1	
			Polychelidae	<i>Stereomastis</i>	<i>suhmi</i>				1				1	1	
			Polychelidae undet.						1				1	1	
			Portunidae	<i>Ovalipes</i>	<i>molleri</i>				1				1	1	
			Sergestidae	<i>Eusergestes</i>	<i>arcticus</i>				1				1	1	
			Trichopeltariidae	<i>Trichopeltarion</i>	<i>fantasticum</i>				12				12	12	
				<i>Trichopeltarion</i>	<i>janetae</i>			2				3	2	3	
		Anomura							3				3	3	
		Brachyura							2				2	2	
		Decapoda							10				10	10	
		Galatheaidea							11				11	11	
		Paguroidea							1				1	1	
		Thalassinidea							1				1	1	
		Euphausiacea	Euphausiidae	<i>Euphausia</i>	<i>spinifera</i>			1				1	1	1	
		Euphausiacea undet.							1				1	1	
		Isopoda	Aegidae	<i>Aegiochus</i>	<i>riwha</i>			1				1	1	1	
				<i>Rocinela</i>	<i>satagia</i>			1				1	1	1	
			Anthuridae						2				2	2	
			Arcturidae						2				2	2	
					<i>quadripustulata</i>				1				1	1	
			Cirolanidae	<i>Cirolana</i>	<i>ata</i>				1				1	1	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
				<i>Cirolana</i>				1				1	1	1	
				undet.				1				1	1	1	
				Desmosomatidae				1				1	1	1	
				Idoteidae	<i>Valvifera</i>			1				1	1	1	
				Ischnomesidae				3				3	3	3	
				Munnopsidae	<i>Disconectes</i>			1				1	1	1	
				undet.				2				2	2	2	
				Paranthuridae				1				1	1	1	
				Serolidae	<i>Brucerolis</i>	<i>bromleyana</i>		4				4	4	4	
					<i>Brucerolis</i>	<i>hurleyi</i>		19				19	19	19	
					<i>Brucerolis</i>			2				2	2	2	
				Serolidae undet.				21				21	21	21	
				Sphaeromatidae				1				1	1	1	
		Asellota (suborder)						1				1	1	1	
		Isopoda undet.						18				18	18	18	
		Mysida						1				1	1	1	
		Nebaliacea	Paranebaliidae	<i>Levinebalia</i>	<i>fortunata</i>			8				8	8	8	
		Nebaliacea undet.						1				1	1	1	
		Tanaidacea	Family incertae sedis	<i>Arintheus</i>	<i>truncus</i>			2				2	2	2	
			Akanthophoreidae	<i>Akanthophoreus</i>	sp. NZ#1			1				1	1	1	
			Apseudidae	<i>Apseudes</i>				1				1	1	1	
				<i>Taraxapseudes</i>	<i>diversus</i>		1			1		1	1	1	
			Typhlotanaidae	<i>Hamatipeda</i>	sp. NZ#1			2				2	2	2	
				<i>Larsenotana</i>	sp. NZ#1			2				2	2	2	
				<i>Typhlotana</i>	sp. NZ#2			1				1	1	1	
				<i>Typhlotana</i>	sp. NZ#3			1				1	1	1	
				<i>Typhlotana</i>	sp. NZ#6			1				1	1	1	
			Typhlotanaidae		sp. NZ#6			1				1	1	1	
		Tanaidacea undet.						3				3	3	3	
		Siphonostomatoida	Nicothoidae	<i>Rhizorhina</i>	<i>serolis</i>			2				2	2	2	
		Maxillopoda		<i>Sphaeronella</i>	<i>serolis</i>			2				2	2	2	
		Maxillopoda undet.					2	1		2		1	3	3	
		Ostracoda	Myodocopida	Sarsiellidae	<i>Neomuelleriella</i>			2				2	2	2	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
	Pycnogonida								2					2	2
Arthropoda undet.								1				1		1	1
Brachiopoda	Articulata	Terebratulida	Terebratellidae	<i>Calloria</i>	<i>inconspicua</i>				1					1	1
				<i>Gyrothyris</i>	<i>chathamensis</i>				20					20	20
				<i>Gyrothyris</i>	<i>mawsoni</i>				63					63	63
				<i>Gyrothyris</i>					3					3	3
				<i>Magasella</i>					7					7	7
				<i>Neothyris</i>	<i>lenticularis</i>				11					11	11
				<i>Neothyris</i>					4					4	4
			Terebratulidae	<i>Terebratella</i>	<i>sanguinea</i>				14					14	14
				<i>Liothyrella</i>	<i>neozelanica</i>				81					81	81
				<i>Liothyrella</i>					13					13	13
Brachiopoda undet.									44					44	44
Bryozoa	Gymnolaemata	Cheilostomata	Aeteidae	<i>Aetea</i>	<i>ligulata</i>				3					3	3
			Arachnopusiidae	<i>Arachnopusia</i>	sp. 1				3					3	3
			Beaniidae	<i>Beania</i>	<i>plurispinosa</i>		1				1			1	1
			Bitectiporidae	<i>Bitectipora</i>	<i>ozalea</i>				1					1	1
				<i>Bitectipora</i>	<i>retepora</i>				1					1	1
				<i>Metropieriella</i>	n. sp.				1					1	1
				<i>Parkermavella</i>					1					1	1
				<i>Schizosmittina</i>	<i>melanobater</i>				4					4	4
				<i>Schizosmittina</i>	n. sp.				1					1	1
				<i>Schizosmittina</i>					1					1	1
			Buffonellodidae	<i>Aimulosia</i>	<i>marsupium</i>				4					4	4
				<i>Ipsibuffonella</i>					2					2	2
			Calloporidae	<i>Amphiblestrum</i>					6					6	6
				<i>Ellisina</i>					2					2	2
			Calloporidae	n. gen.	n. sp.				1					1	1
			Calwelliidae	<i>Malakosaria</i>	<i>sinclairii</i>				4					4	4
			Candidae	<i>Caberea</i>	<i>solida</i>		1				1			1	1
				<i>Caberea</i>					4					4	4
			Cellariidae	<i>Melicerita</i>	<i>knoxii</i>				3					3	3
			Celleporidae	<i>Celleporina</i>	<i>grandis</i>				2					2	2
				<i>Celleporina</i>	cf. <i>sinuata</i>				1					1	1
				<i>Galeopsis</i>	<i>pentagonus</i>				1					1	1
				<i>Galeopsis</i>	<i>polyporus</i>				1					1	1
				<i>Galeopsis</i>					4					4	4
				<i>Lagenipora</i>					3					3	3
				<i>Osthimosia</i>					1					1	1
			Chaperiidae	<i>Chaperia</i>	<i>granulosa</i>				1					1	1

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						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
				<i>Chaperia</i>					3					3	3
				<i>Chaperiopsis</i>	<i>chathamensis</i>				3					3	3
				<i>Chaperiopsis</i>	<i>funda</i>				1					1	1
				<i>Chaperiopsis</i>	<i>lanceola</i>				1					1	1
				<i>Chaperiopsis</i>	<i>splendida</i>			1			1			2	3
				<i>Chaperiopsis</i>	sp. 2				2					2	2
				<i>Chaperiopsis</i>					4					4	4
				<i>Patsyella</i>	<i>acanthodes</i>				1					1	1
				<i>Patsyella</i>	n. sp.				1					1	1
				<i>Patsyella</i>					3					3	3
			Conescharellinidae	<i>Trochosodon</i>	<i>mosaicus</i>				1					1	1
			Cribriliniidae	<i>Figularia</i>	<i>mernae</i>			2			2			2	2
				<i>Figularia</i>	<i>pelmatifera</i>				6					6	6
				<i>Figularia</i>					1					1	1
			Escharinidae	<i>Chiastosella</i>	<i>exuberans</i>				6					6	6
			Euthyroididae	<i>Euthyroides</i>					1					1	1
			Foveolariidae	<i>Foveolaria</i>	<i>elliptica</i>				5					5	5
				<i>Odontionella</i>	<i>cyclops</i>			1			1			1	1
			Lacernidae	<i>Arthropoma</i>	<i>cecilli</i>			1			1			1	1
			Lekythoporidae						1					1	1
			Lepraliellidae	<i>Celleporaria</i>	<i>emancipata</i>				2					2	2
				<i>Celleporaria</i>	<i>tridenticulata</i>				1					1	1
			Microporellidae	<i>Chronocerastes</i>					1					1	1
				<i>Fenestrulina</i>	<i>incompta</i>			1			1			1	1
				<i>Fenestrulina</i>					6					6	6
				<i>Microporella</i>					3					3	3
			Microporidae	<i>Micropora</i>				1			1			6	7
			Phidoloporidae	<i>Reteporella</i>					2					2	2
				<i>Stephanollona</i>	<i>scintillans</i>				1					1	1
				<i>Stephanollona</i>					5					5	5
			Porinidae	<i>Haswelliporina</i>					1					1	1
			Romancheinidae	<i>Escharella</i>	<i>spinosissima</i>			1			1			6	7
				<i>Escharella</i>	sp. 2				1					1	1
				<i>Escharella</i>				1			1			1	1
			Siphonicytaridae						2					2	2
			Smittinidae	<i>Parasmittina</i>					3					3	3
				<i>Smittina</i>					8					8	8
				<i>Smittoidea</i>	n. sp.				1					1	1
				<i>Smittoidea</i>					3					3	3

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						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
	Stenolaemata	Cyclostomata	Annectocymidae	<i>Annectocyma</i>					4					4	4
				<i>Entalophoroecia</i>			1		5		1		5	6	6
			Crisiidae	<i>Crisia</i>			1				1			1	1
			Diaperoeciidae	<i>Diaperoecia</i>					2				2	2	2
				<i>Nevianipora</i>	n. sp.				1				1	1	1
			Diastoporidae	<i>Microeciella</i>					1				1	1	1
			Frondiporidae	<i>Filifascigera</i>	cf. <i>pluripora</i>				3				3	3	3
			Horneridae	<i>Hornera</i>	n. sp.				1				1	1	1
				<i>Hornera</i>					3				3	3	3
			Lichenoporidae						1				1	1	1
				<i>Disporella</i>	n. sp.				5				5	5	5
				<i>Disporella</i>					1				1	1	1
				<i>Lichenopora</i>					1				1	1	1
			Mecynoeciidae	<i>Mecynoecia</i>	<i>purpurascens</i>				1				1	1	1
			Oncousoeciidae	<i>Oncousoecia</i>					5				5	5	5
			Stomatoporidae	<i>Stomatopora</i>					2				2	2	2
			Tubuliporidae	<i>Idmidronea</i>					2				2	2	2
				<i>Tubulipora</i>					4				4	4	4
Bryozoa undet.									33				33	33	33
Cephalorhyncha	Priapulida	Priapulida	Priapulidae	<i>Priapulopsis</i>	<i>australis</i>				1				1	1	1
	Priapulida undet.								1				1	1	1
Cercozoa	Gromiidea	Gromiida	Gromiidae	<i>Gromia</i>					1				1	1	1
Chordata	Asciacea [Tunicates]	Enterogona Aplousobranchia	Polyclinidae	<i>Synoicum</i>	<i>otagoensis</i>				1				1	1	1
	Asciacea undet.								16				16	16	16
Cnidaria	Anthozoa	Actiniaria	Actinostolidae					1	1			1	2	2	2
		Actiniaria undet.	Edwardsiidae						1				1	1	1
							2		12		2		12	14	14
		Alcyonacea	Acanthogorgiidae	<i>Acanthogorgia</i>				5				5	5	5	5
				<i>Anthomastus</i>											
			Alcyoniidae	<i>(Bathyalcyon)</i>	<i>robustus</i>			1				3	1	3	3
			Anthothelidae	<i>Iciligorgia</i>					2				2	2	2
			Anthothelidae undet.						1				1	1	1
			Chrysogorgiidae												
				<i>Metallogorgia</i>				1				2	1	2	2
				<i>Radicipes</i>					1			2	3	3	3
			Clavulariidae	n. gen.					1				1	1	1

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						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
			Isididae	<i>Chathamisis</i>	<i>bayeri</i>				7				7	7	
				<i>Keratoisis</i>				1			1		1	1	
				<i>Primnoisis</i>	<i>opercula</i>				3			1	3	3	
			Keratoisidinae (subfam.)					1			1		1	1	
			Mopseinae (subfam.)						4				4	4	
			Isididae undet.					1	2		1		3	3	
			Nidaliidae	cf. <i>Nidalia</i>					1				1	1	
			Paragorgiidae	<i>Paragorgia</i>	<i>arborea</i>				1				1	1	
			Primnoidae	<i>Metafamyella</i>	<i>chathamensis</i>				1				1	1	
				<i>Parastenella</i>	<i>pacifica</i>			2			2		2	2	
				<i>Plumarella</i>					10				10	10	
				<i>Thouarella</i>					7				7	7	
			Primnoidae undet.					1	7		1		8	8	
			Taiarooidae	<i>Taiaroa</i>	<i>tauhou</i>				7				7	7	
		Alcyonacea undet.							13				13	13	
		Gorgonacea undet.			<i>acanthophora</i>			2	3		2	3	56	61	
		Antipatharia	Leiopathidae	<i>Leiopathes</i>					3			3	3	3	
				<i>Leiopathes</i>					5			5	5	5	
			Schizopathidae	<i>Bathypathes</i>	<i>patula</i>				2			2	2	2	
		Ceriantharia							3			3	3	3	
		Pennatulacea	Anthoptilidae	<i>Anthoptilum</i>			1		1		1		2	2	
			Halipteridae	<i>Halipterus</i>					1			1	1	1	
		Pennatulacea undet.					1		4		1		5	5	
		Scleractinia	Caryophylliidae	<i>Caryophyllia</i>					3			3	3	3	
				<i>Caryophyllia diomedea</i>				2			2		2	2	
				<i>Caryophyllia japonica</i>					4			4	4	4	
				<i>Desmophyllum dianthus</i>					12			12	12	12	
				<i>Goniocorella dumosa</i>					45			45	45	45	
				<i>Hoplangia durotrix</i>					1			1	1	1	
				<i>Solenosmilia variabilis</i>					1			1	1	1	
			Caryophylliidae undet.					1			1		1	1	
			Flabellidae	<i>Flabellum</i>	<i>knoxi</i>				45			45	45	45	
				<i>Monomyces</i>	<i>rubrum</i>				2			2	2	2	
		Scleractinia undet.							38			38	38	38	
		Telestacea	Telestidae	<i>Telesto</i>					2			2	2	2	
		Zoantharia	Epizoanthidae	<i>Epizoanthus</i>					1			1	1	1	
		Zoantharia undet.							4			4	4	4	

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						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
	Hydrozoa	Anthoathecata	Solanderiidae	<i>Solanderia</i>	<i>ericopsis</i>				1				1	1	1
				<i>Solanderia</i>					1				1	1	1
			Stylasteridae	<i>Calyptopora</i>					1				1	1	1
				<i>Errina</i>	<i>cheilopora</i>				2				2	2	2
				<i>Lepidotheca</i>	<i>cervicornis</i>				1				1	1	1
				<i>Stylaster</i>					1				1	1	1
			Stylasteridae undet.						21				21	21	21
		Leptothecata	Aglaopheniidae	<i>Aglaophenia</i>	<i>acanthocarpa</i>				1				1	1	1
				<i>Aglaophenia</i>	<i>ctenata</i>				6				6	6	6
				<i>Aglaophenia</i>	<i>laxa</i>				2				2	2	2
				<i>Lytocarpia</i>	<i>similis</i>				1				1	1	1
				<i>Lytocarpia</i>	<i>spiralis</i>				4				4	4	4
				<i>Lytocarpia</i>	<i>subdichotoma</i>				6				6	6	6
			Aglaopheniidae undet.												
			Campanulariidae		<i>hemisphaerica</i>					1				1	1
				<i>Clytia</i>	<i>a</i>				1				1	1	1
			Haleciidae	<i>Halecium</i>	<i>beanii</i>				5				5	5	5
				<i>Halecium</i>	<i>sessile</i>				1				1	1	1
				<i>Halecium</i>					3				3	3	3
				<i>Hydrodendron</i>	<i>tottoni</i>				1				1	1	1
			Halopterididae	<i>Corhiza</i>	<i>scotiae</i>				2				2	2	2
			Lafoeidae	<i>Acryptolaria</i>	<i>conferta</i>				2				2	2	2
				<i>Acryptolaria</i>				2			2		2	2	2
				<i>Cryptolaria</i>	<i>exserta</i>				1				1	1	1
				<i>Lafoea</i>	<i>dumosa</i>				3				3	3	3
			Phialellidae	<i>Stegolaria</i>	<i>irregularis</i>				2				2	2	2
			Plumulariidae	<i>Nemertesia</i>	<i>elongata</i>			1			1		1	1	1
			Sertulariidae	<i>Amphisbetia</i>	<i>fasciculata</i>			1			1		1	1	1
					<i>novaezelandiae</i>										
				<i>Crateritheca</i>	<i>ae</i>			1			1		1	1	1
				<i>Crateritheca</i>	<i>zelandica</i>			1			1		1	1	1
				<i>Sertularia</i>	<i>unguiculata</i>			2			2		2	2	2
			Sertulariidae undet.												
		Leptothecata undet.						1			1		1	1	1
									2				2	2	2
		Hydroidolina (subclass)							1				1	1	1
		Hydrozoa undet.							9				9	9	9
Cnidaria undet.													4	4	3

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens														
						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs														
Echinodermata	Asteroidea	Brisingida	Brisingidae	<i>Brisinga</i>	<i>chathamica</i>										3	3													
					<i>tasmani</i>													2	2										
		Forcipulatida	Asteriidae	Asteriidae undet.	Asteriidae undet.	<i>Sclerasterias</i>	<i>mollis</i>											2	2										
							Stichasteridae	<i>Pseudechinaster</i>	<i>rubens</i>													1	1						
										<i>Smilasterias</i>														8	8				
																								1	1				
							Zoroasteridae	<i>Zoroaster</i>	<i>alternicanthus</i>														5	5					
										<i>spinulosus</i>														1	1				
																								1	1				
							Notomyotida	Benthopectinidae	Benthopectinidae	<i>Benthopecten</i>	<i>munidae</i>													1	1				
																									3	3			
							Paxillosida	Astropectinidae	Astropectinidae undet.	Astropectinidae undet.	<i>Plutonaster</i>	<i>knoxii</i>												2	2				
												<i>sp. B</i>														3	3		
												<i>proserpinaster</i>															1	1	
												<i>psilaster</i>															6	6	
																											1	1	
		Spinulosida	Luidiidae	Luidiidae	<i>Luidia</i>	<i>neozelanica</i>														1	1								
							Pseudarchasteridae	<i>Pseudarchaster</i>	<i>garricki</i>														8	8					
										Radiasteridae	<i>Radiaster</i>														1	1			
							Echinasteridae	<i>Echinaster</i>	<i>farquhari</i>																1	1			
										<i>henricia</i>	<i>aucklandiae</i>														1	1			
																										2	2		
							Valvatida	Goniasteridae	Goniasteridae	<i>Ceramaster</i>	<i>sp. B</i>														1	1			
												<i>evoplosoma</i>	<i>tasmanica</i>															1	1
														<i>mediaster</i>															2
Solasteridae	<i>Crossaster</i>											<i>campbellicus</i>															1	1	
		<i>multispinus</i>																					8	8					
Velatida	Korethrasteridae	Korethrasteridae	<i>Peribolaster</i>	<i>lector</i>																				3	5				
					Pterasteridae	<i>Diplopteraster</i>	<i>otagoensis</i>														1	1							
								<i>pteraster</i>														2	2						
					Pterasteridae undet.																1	1							
Asteroidea undet.																	1	1											
Crinoidea																	1	10											
																	1	2											

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
				<i>Thaumatometra</i>	sp. A			1				7	1	7	
				<i>Thaumatometra</i>	sp. B			1				3	1	3	
			Thalassometri dae	<i>Aglaometra</i>	<i>valida</i>			1				4	1	4	
				<i>Stiremetra</i>	<i>breviradia</i>			1				1	1	1	
				<i>Stiremetra</i>	cf. <i>perplexa</i>			1				1	1	1	
			Thalassometri dae		sp. A			1				2	1	2	
			Thalassometri dae		sp. C			1				2	1	2	
			Thalassometri dae		sp. D			1				2	1	2	
			Thalassometri dae undet.					3				7	3	7	
		Bourgueticrinida	Phrynocrinidae	<i>Phrynocrinus</i>	<i>nudus</i>			4				7	4	7	
		Comatulida	Antedonidae	<i>Florometra</i>	<i>austini</i>				10			10	10	10	
				<i>Florometra</i>	? <i>novaezealandiae</i>				1			1	1	1	
				<i>Florometra</i>	<i>alternata</i>				4			4	4	4	
		Comatulida		<i>Thaumatometra</i>	sp. A			1				2	1	2	
	Crinoidea undet.							6				6	6	6	
	Echinoidea	Camarodonta	Echinidae	<i>Dermechinus</i>	<i>horridus</i>		1	4		1		4	5	5	
			Temnopleuridae	<i>Pseudechinus</i>	<i>flemingi</i>			2				2	2	2	
		Cidaroida	Cidaridae	<i>Goniocidaris</i>	<i>parasol</i>			43				43	43	43	
				<i>Goniocidaris</i>	<i>peltata</i>			1				1	1	1	
				<i>Goniocidaris</i>				4				4	4	4	
				<i>Ogmocidaris</i>	<i>benhami</i>			1				1	1	1	
			Cidaridae undet.					5				5	5	5	
		Cidaroida undet.						10				10	10	10	
		Echinothurioida	Echinothuriidae	<i>Araeosoma</i>	<i>anatirostrum</i>			3				6	3	6	
			Phormosomatidae	<i>Phormosoma</i>	<i>bursarium</i>			3				3	3	3	
		Spatangoida	Brissidae	<i>Brissopsis</i>	<i>oldhami</i>			5				5	5	5	
			Eurypatagidae	<i>Paramaretia</i>	<i>peloria</i>			42				42	42	42	
			Loveniidae	<i>Echinocardium</i>	<i>cordatum</i>			1				1	1	1	
				<i>Echinocardium</i>				1				1	1	1	
			Spatangidae	<i>Spatangus</i>	<i>multispinus</i>			15				15	15	15	
			Spatangidae undet.					3				3	3	3	
	Echinoidea undet.							4				4	4	4	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
	Holothuroidea	Aspidochirotida	Synallactidae	<i>Bathyploetes</i>					1				1	1	1
				<i>Synallactes</i>									1	1	1
		Dendrochirotida	Cucumariidae	<i>Squamocnus</i>	<i>brevidentis</i>							1	1	1	1
			Heterothyonidae	<i>Heterothyone</i>	<i>alba</i>								14	14	14
				<i>Heterothyone</i>									1	1	1
			Phyllophoridae	<i>Pentadactyla</i>	<i>longidentis</i>								3	3	3
			Psolidae	<i>Psolidium</i>	<i>marriotti</i>								2	2	2
				<i>Psolus</i>	<i>squamatus</i>								6	6	6
				<i>Psolus</i>									2	2	2
			Psolidae undet.										1	1	1
			Ypsilothuriidae	<i>Ypsilothuria</i>	<i>bitentaculata</i>								1	1	1
		Dendrochirotida undet.											2	2	2
			Laetmogonidae										2	2	2
		Elasipodidae											2	2	2
		Molpadiidae	Caudinidae	<i>Paracaudina</i>	<i>chilensis</i>								9	9	9
				<i>Paracaudina</i>	<i>coriacea</i>								1	1	1
			Molpadiidae	<i>Molpadia</i>	<i>musculus</i>								1	1	1
	Holothuroidea undet.												12	12	12
	Ophiuroidea	Euryalida	Asteroschematidae	<i>Ophiocreas</i>	<i>oedipus</i>								1	1	2
			cf. Asteroschematidae										1	1	1
			Gorgonocephalidae	<i>Astrothorax</i>	<i>waitei</i>								1	1	1
				<i>Astrotoma</i>	<i>drachi</i>								1	1	1
				<i>Gorgonocephalus</i>	<i>chilensis</i>								2	2	2
				<i>Gorgonocephalus</i>									1	1	1
				<i>Amphioplus</i>	<i>ctenacantha</i>								1	1	1
				<i>(Amphioplus)</i>									1	1	1
				<i>Amphioplus</i>	<i>Unioptus</i>								1	1	1
				<i>(Unioptus)</i>									1	1	1
				<i>Amphiura</i>	<i>pegasus</i>								1	1	1
				<i>(Amphiura)</i>									2	3	3
				<i>Amphiura</i>	<i>correcta</i>								1	1	1
				<i>(Amphiura)</i>	<i>magellanica</i>								1	1	1

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
				<i>Amphiura</i>	<i>spinipes</i>				1				1	1	1
				<i>Amphiura</i>	<i>tutaneikai</i>				1				1	1	1
				<i>Amphiura</i>	<i>latisquama</i>				2				2	2	2
			Ophiacanthidae	<i>Ophiacantha</i>	<i>otagoensis</i>				3				3	3	3
				<i>Ophiacantha</i>	<i>rosea</i>		1		6		2		6	7	8
				<i>Ophiacantha</i>			1			1			1	1	1
				<i>Ophiocamax</i>	<i>brevicetra</i>			1			1		1	1	1
				<i>Ophiolimna</i>	<i>antarctica</i>			1			1		1	1	1
				<i>Ophioplinthaca</i>	cf. <i>plicata</i>			1			1		1	1	1
				<i>Ophioplinthaca</i>	<i>plicata</i>			1			6		6	1	6
				<i>Ophioplinthaca</i>				1			3		3	1	3
			Ophiactidae	<i>Ophiactis</i>	<i>abyssicola</i>			3	1			19	1	4	20
				<i>Ophiactis</i>	<i>hirta</i>				1				1	1	1
				<i>Ophiactis</i>					1				1	1	1
			Ophiocomidae	<i>Clarkcoma</i>	<i>bollonsi</i>				1				1	1	1
			Ophiolepididae	<i>Ophiomusium</i>	<i>lymani</i>			1				1		1	1
				<i>Ophiomusium</i>	<i>relictum</i>			1				1		1	1
			Ophiomyxidae	<i>Ophiomyxa</i>	<i>brevirima</i>				1				1	1	1
				<i>Ophiomyxa</i>					1				1	1	1
				<i>Ophioscolex</i>	n. sp. (MoV 2721)			1				1		1	1
				<i>Ophioscolex</i>				1				1		1	1
			Ophiotrichidae	<i>Ophiothrix</i>	<i>aristulata</i>				3				3	3	3
				<i>Ophiura</i>											
			Ophiuridae	<i>(Ophiuroglypha)</i>	<i>irrorata</i>				2				2	2	2
				<i>Ophiura</i>											
				<i>(Ophiura)</i>	<i>ooplax</i>				1				1	1	1
		Ophiuroidea undet.							15				15	15	15
		Echiura							4				4	4	4
Foraminifera	Granuloreticulosea		Foraminiferida					1					1	1	1
Mollusca	Bivalvia	Arcida	Arcidae	<i>Bathyarca</i>	<i>cybaea</i>				3				3	3	3
				<i>Bathyarca</i>					1				1	1	1
		Cardiida	Cardiidae	<i>Pratulium</i>	<i>pulchellum</i>				2				2	2	2
		Carditida	Carditidae	<i>Cardita</i>	<i>aoteana</i>				1				1	1	1
			Condylocardiidae	<i>Cuna</i>					2				2	2	2
		Heterodonta (unassigned)	Cuspidariidae	<i>Cuspidaria</i>	<i>fairchildi</i>				4				4	4	4
				<i>Cuspidaria</i>	<i>wellmani</i>				2				2	2	2

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						Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
				<i>Cuspidaria</i>					1					1	1
			Euciroidae	<i>Euciroa</i>	<i>galatheae</i>				6					6	6
			Parilimyidae	<i>Parilimyia</i>	<i>maoria</i>				1					1	1
			Thraciidae	<i>Parvithracia</i>	<i>ampla</i>				1					1	1
				<i>Parvithracia</i>	<i>suteri</i>				2					2	2
		Limida	Limidae	<i>Acesta</i>	<i>goliath</i>				2					2	2
				<i>Acesta</i>	<i>maui</i>				6					6	6
				<i>Acesta</i>					3					3	3
				<i>Limatula</i>	<i>suteri</i>				2					2	2
		Lucinida	Lucinidae	<i>Lucinoma</i>	<i>galathea</i>				1					1	1
			Thyasiridae	<i>Parathyasira</i>	<i>neozelanica</i>				2					2	2
			Thyasiridae		sp. D				1					1	1
			undet.						1					1	1
		Myida	Pholadidae	<i>Pholadidea</i>	<i>acherontea</i>				1					1	1
		Nuculanida	Mallettiidae	<i>Austrotindaria</i>	<i>wrighti</i>				1					1	1
				<i>Neilo</i>	<i>australis</i>				2					2	2
				<i>Neilo</i>	<i>wairoana</i>				8					8	8
				<i>Neilo</i>					1					1	1
				<i>Pseudotindaria</i>	<i>flemingi</i>				2					2	2
			Neilonellidae	<i>Neilonella</i>	<i>flemingi</i>				1					1	1
			Nuculanidae	<i>Ledella</i>	<i>finlayi</i>				1					1	1
				<i>Poroleda</i>	<i>lanceolata</i>				2					2	2
				<i>Saccella</i>	<i>bellula</i>				1					1	1
				<i>Saccella</i>	<i>hedleyi</i>				2					2	2
			Yoldiidae	<i>Yoldiella</i>	sp. B				1					1	1
				<i>Yoldiella</i>					1					1	1
					<i>strangeiformis</i>				3					3	3
		Nuculida	Nuculidae	<i>Linucula</i>	<i>recens</i>				3					3	3
				<i>Linucula</i>					2					2	2
					<i>strangeiformis</i>				1					1	1
				<i>Nucula</i>					1					1	1
				<i>Nucula</i>					1					1	1
		Pectinida	Anomiidae	<i>Monia</i>					1					1	1
				<i>Pododesmus</i>	sp. A				3					3	3
			Pectinidae	<i>Veprichlamys</i>	<i>kiwaensis</i>				3					3	3
				<i>Zygochlamys</i>	<i>delicatula</i>				2					2	2
			Pectinidae						1					1	1
			undet.						1					1	1
			Propeamussiidae	<i>Cyclochlamys</i>	<i>delli</i>				1					1	1
		Solemyida	Nucinellidae	<i>Nucinella</i>	<i>maoriana</i>				1					1	1
		Venerida	Neoleptonidae	<i>Neolepton</i>	<i>spatiosum</i>				1					1	1
				<i>Neolepton</i>	<i>triangulare</i>				2					2	2

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
			Veneridae	<i>Neolepton</i>					2					2	2
				<i>Tawera</i>					1					1	1
				<i>Tawera</i>	<i>sphaericula</i>				1					1	1
				<i>Tawera</i>	<i>spissa</i>				1					1	1
				<i>Tawera</i>					1					1	1
									75					75	75
	Bivalvia undet.	Cephalopoda	Octopoda	Octopodidae	<i>Benthoctopus</i>	<i>tangaroa</i>	1			1				1	1
					<i>Enteroctopus</i>	<i>zealandicus</i>								1	1
					<i>Octopus</i>	<i>mernoo</i>								3	3
					<i>Octopus</i>									1	1
				Octopodidae undet.										1	1
				Opisthoteuthidae	<i>Opisthoteuthis</i>	<i>robsoni</i>		1			1			1	1
		Incirrata (suborder)												1	1
				Brachioteuthidae	<i>Brachioteuthis</i>				1					1	1
		Oegopsida		Chiroteuthidae	<i>Chiroteuthis</i>	<i>veranyi</i>		2			2	1		2	2
				Cranchiidae	<i>Teuthowenia</i>		1				1			1	1
				Cranchiidae undet.					2			2	3	5	5
				Enoploteuthidae					1			1		1	1
				Histioteuthidae	<i>Histioteuthis</i>	<i>cf. atlantica</i>		1			1			1	1
					<i>Histioteuthis</i>	<i>atlantica</i>			1			1		1	1
					<i>Histioteuthis</i>			2			2			2	2
				Mastigoteuthidae	<i>Idioteuthis</i>	<i>cordiformis</i>							1	1	1
				Octopoteuthidae				1			1			1	1
				Ommastrephidae	<i>Nototodarus</i>	<i>sloani</i>							1	1	1
				Onychoteuthidae	<i>Onykia</i>	<i>ingens</i>		1			1		2	3	3
					<i>Onykia</i>							1	1	1	1
				Onychoteuthidae undet.			1			1		1	2	2	2
				Pyroteuthidae	<i>Pyroteuthis</i>				1	1		1	1	1	1
		Oegopsida undet.							3				3	3	3
		Sepiida		Sepiariidae	<i>Sepioloidea</i>				2				2	2	2
				Sepiolidae					2				2	2	2
				Sepiolida					1				1	1	1
		Cephalopoda undet.							6				6	6	6

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
	Gastropoda	Caenogastropoda (unassigned)	Newtoniellidae	<i>Cerithiella</i>	<i>nucleoproduc</i>				1					1	1
				<i>Iphitus</i>	<i>neozelanicus</i>				1					1	1
			Turritellidae	<i>Stiracolpus</i>	<i>ascensus</i>				2					2	2
		Cephalaspidea	Diaphanidae	<i>Diaphana</i>					1					1	1
			Philinidae	<i>Philine</i>					2					2	2
			Retusidae	<i>Relichna</i>	<i>pachys</i>				1					1	1
				<i>Retusa</i>	<i>delli</i>				1					1	1
				<i>Retusa</i>	sp. 6				1					1	1
				<i>Retusa</i>					6					6	6
			Rhizoridae	<i>Volvulella</i>	<i>truncata</i>				1					1	1
			Scaphandridae	<i>Scaphander</i>	<i>otagoensis</i>		1				1			1	1
		Heterobranchia (unassigned)	Acteonidae	<i>Neactaeonina</i>	<i>inexpectata</i>				1					1	1
			Pyramidellidae	<i>Besla</i>					1					1	1
			Pyramidellidae undet.						1					1	1
			Ringiculidae	<i>Ringicula</i>					1					1	1
					<i>clypidellaefor</i>										
		Lepetellida	Lepetellidae	<i>Lepetella</i>	<i>mis</i>				1					1	1
				<i>Lepetella</i>	<i>compressa</i>				1					1	1
		Littorinimorpha	Cassidae	<i>Galeodea</i>	<i>triganceae</i>				3					3	3
			Naticidae	<i>Falsilunatia</i>	<i>powelli</i>				5					5	5
			Ranellidae	<i>Fusitriton</i>	<i>laudandus</i>				7					7	7
				<i>Fusitriton</i>	<i>magellanicus</i>				8					8	8
				<i>Fusitriton</i>					1					1	1
					<i>semireticulat</i>										
			Rissoidae	<i>Alvania</i>	<i>a</i>				1					1	1
				<i>Alvania</i>	sp. 1				1					1	1
				<i>Pusillina</i>					1					1	1
		Neogastropoda	Belomitridae	<i>Belomitra</i>	<i>aoteana</i>				1					1	1
			Borsoniidae	<i>Bathytoma</i>	<i>parengonia</i>				7					7	7
				<i>Maoritomella</i>					1					1	1
			Buccinidae	<i>Aeneator</i>	<i>recens</i>				3					3	3
				<i>Aeneator</i>	<i>valedictus</i>				4					4	4
				<i>Cominella</i>	<i>alertae</i>				10					10	10
				<i>Cominella</i>	<i>powelli</i>				2					2	2
				<i>Cominella</i>					1					1	1
			Buccinulidae	<i>Penion</i>	<i>benthicolus</i>				4					4	4
				<i>Penion</i>	<i>chathamensis</i>				2					2	2
				<i>Penion</i>	<i>ormesi</i>				1					1	1
				<i>Penion</i>					1					1	1
			Cancellariidae	<i>Inglisella</i>	<i>marwicki</i>				2					2	2
				<i>Zeadmete</i>					1					1	1
			Drilliidae	<i>Splendrillia</i>	<i>anomala</i>				1					1	1

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi i Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
				<i>Splendrillia</i>	<i>benthicola</i>				1				1	1	1
				<i>Splendrillia</i>					1				1	1	1
			Mangeliidae	<i>Antiguraleus</i>	<i>pulcherrimus</i>				1				1	1	1
				<i>Antiguraleus</i>					1				1	1	1
			Nassariidae	<i>Nassarius</i>	<i>ephamillus</i>				3				3	3	3
			Olividae	<i>Amalda</i>	<i>benthicola</i>		1		2		1		2	3	3
			Pseudomelatomidae	<i>Comitas</i>	<i>onokeana</i>				5				5	5	5
				<i>Comitas</i>	<i>onokeana</i>				2				2	2	2
				<i>Comitas</i>	<i>vivens</i>				1				1	1	1
				<i>Comitas</i>	sp. 15				1				1	1	1
				<i>Paracomitas</i>					1				1	1	1
			Ptychactroidea	<i>Chathamidia</i>	<i>expeditionis</i>				1				1	1	1
				<i>Exilia</i>	<i>expeditionis</i>				1				1	1	1
			Turbinellidae	<i>Coluzea</i>	<i>altocanalisis</i>				2				2	2	2
				<i>Coluzea</i>	<i>mariae</i>				4				4	4	4
				<i>Coluzea</i>					2				2	2	2
			Turridae	<i>Kuroshioturris</i>	<i>angustata</i>				1				1	1	1
			Turridae undet.						2				2	2	2
			Volutidae	<i>Alcithoe</i>	<i>wilsonae</i>				7				7	7	7
				<i>Provocator</i>	<i>mirabilis</i>				4				4	4	4
				<i>Provocator</i>					1				1	1	1
			Volutomitridae	<i>Volutomitra</i>	<i>banksi</i>				2				2	2	2
		Nudibranchia							9				9	9	9
		Thecosomata (pteropods)							5				5	5	5
			Calliostomatidae	<i>Maurea</i>	<i>alertae</i>				6				6	6	6
				<i>Maurea</i>	<i>blacki</i>				1				1	1	1
				<i>Maurea</i>	<i>simulans</i>				1				1	1	1
			Skeneidae	<i>Aequispirella</i>	<i>corula</i>				1				1	1	1
				<i>Aequispirella</i>	<i>rotula</i>				1				1	1	1
				<i>Brookula</i>	<i>mackenae</i>				1				1	1	1
				<i>Lissotesta</i>					3				3	3	3
				<i>Lisstotesta</i>					1				1	1	1
			Solariellidae	<i>Archiminolia</i>	<i>meridiana</i>				2				2	2	2
									116				116	116	116
			Chitonidae						1				1	1	1
			Loricidae	<i>Loricella</i>	<i>profundior</i>				2				2	2	2
			Mopaliidae	<i>Placiphorella</i>				1			1		1	1	1
									5				5	5	5
									1				1	1	1
									5				5	5	5
									1				1	1	1

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens								
						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs								
Mollusca undet.	Scaphopoda undet.	Gadilida	Gadilidae	<i>Fissidentalium</i>	<i>glaucarena</i>				1					1	1								
					<i>zelandicum</i>				1					1	1								
					<i>Siphonodentalium</i>																		
					<i>delicatulum</i>													1	1				
																		17	17				
Nematoda	Chromadorea	Araeolaimida	Comesomatidae	<i>Cervonema</i>	<i>proberti</i>				2					2	2								
					<i>Dorylaimopsis</i>				2					2	2								
					<i>Diplopeltula</i>				1					1	1								
					<i>Mudwigglus</i>				1					1	1								
					Chromadorida	Selachinematidae	<i>Gammanema</i>	<i>agglutinans</i>										2	2				
								<i>Pseudocheironchus</i>												1	1		
								<i>ingluviosus</i>												1	1		
								<i>Centonema</i>												2	2		
					Desmodorida	Desmodoridae	<i>Eubostrichus</i>	<i>hortulanus</i>										2	2				
								<i>Spirinia</i>											2	2			
								<i>Stygodesmodora</i>												1	1		
								<i>confusa</i>												2	2		
Enoplea	Enoplida	Trefusiidae	<i>Trefusia</i>	<i>piperata</i>									2	2									
			<i>Trefusialaimus</i>	<i>idrisi</i>											2	2							
															2	2							
Nemertea													8	8									
Porifera	Calcarea	Clathrinida	Leucaltidae	<i>Leucettusa</i>	<i>cf. tubulosa</i>				1					1	1								
					<i>Dendrilla</i>	<i>cactos</i>									1	1							
	Demospongiae	Dictyoceratida	Dysideidae	Dysideidae	<i>Dysidea</i>	<i>arenaria</i>				1					1	1							
						<i>Euryspongia</i>										3	3						
						<i>Ircinia</i>	<i>turrita</i>									1	1						
						<i>Leiosella</i>	<i>levis</i>									1	1						
						Hadromerida	Suberitidae	<i>Suberites</i>	<i>affinis</i>										1	1			
									<i>Suberites</i>										3	3			
									<i>Tethya</i>	<i>compacta</i>									1	1			
						Haplosclerida	Callyspongiidae	Callyspongiidae	<i>Callyspongia</i>	<i>ramosa</i>										1	1		
										<i>robusta</i>											1	1	
										<i>Callyspongia (Euplacella)</i>												5	5
										<i>Callyspongia</i>	n. sp. 15											1	1
										<i>Cladocroce</i>	n. sp. 1											2	2
										<i>Neopetrosia</i>	n. sp. 7											1	1
										<i>Xestospongia</i>	n. sp. 5											1	1
						Phloeodictyida	Phloeodictyida	Phloeodictyida	<i>Calyx</i>	<i>n. sp. 1</i>										1	1		
															1	1							

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
				<i>Calyx</i>	n. sp. 2				2				2	2	2
		Poecilosclerida	Acarnidae	<i>Iophon</i>	n. sp. 2				1				1	1	1
			Coelosphaeridae	<i>Lissodendoryx</i>	<i>bifacialis</i>				2				2	2	2
				<i>Lissodendoryx</i>	(<i>Ectyodoryx</i>)	n. sp. 1			1				1	1	1
			Desmacellidae	<i>Biemna</i>					1				1	1	1
			Esperiopsidae	<i>Esperiopsis</i>	cf. <i>inodes</i>				2				2	2	2
			Hymedesmiidae	<i>Phorbas</i>	n. sp. 4				1				1	1	1
				<i>Phorbas</i>					1				1	1	1
					<i>spinispiraefera</i>				1				1	1	1
			Latrunculiidae	<i>Latrunculia</i>					1				1	1	1
			Mycalidae	<i>Mycale</i>	<i>incurvata</i>				1				1	1	1
			Myxillidae	<i>Myxilla</i>	(<i>Ectyomyxilla</i>)	n. sp. 1		3			3			3	3
				<i>Raspailia</i>	(<i>Clathriodendron</i>)				1				1	1	1
			Raspailiidae	<i>Tedania</i>	<i>diversirhaphidiophora</i>				1				1	1	1
			Tedaniidae	(<i>Tedania</i>)	<i>novaezealandi</i>				1				1	1	1
		Tetractinellida	Ancorinidae	<i>Ecionemia</i>	<i>ae</i>			1			1			1	1
				<i>Myriastr</i>	<i>purpurea</i>				1				1	1	1
					cf.										
			Geodiidae	<i>Stelletta</i>	<i>phialimorpha</i>			7			12			7	12
				<i>Geodia</i>	<i>ewok</i>			1			1			1	1
				<i>Geodia</i>	<i>sadiemillsae</i>			1			1			1	1
				<i>Geodia</i>	<i>vestigifera</i>			3					3	3	3
				<i>Pachymatisma</i>	<i>nodosa</i>			2					2	2	2
				<i>Penares</i>	<i>tylotaster</i>			1					1	1	1
			Pachastrellidae	<i>Poecillastra</i>	<i>schulzei</i>			1			1			1	1
				<i>Thenea</i>	<i>novaezealandiae</i>						1			1	1
				<i>Thenea</i>					1				1	1	1
	Demospongiae undet.								2				2	2	2
	Hexactinellida	Amphidiscosida	Hyalonematidae					1			1			1	1
		Hexactinosida	Tretodictyidae					1			1			1	1
		Hexactinosida			incertae sedis			1			1			1	1
		Lyssacosida	Euplectellidae					1			1			1	1
			Rossellidae	<i>Acanthascus</i>				1			1			1	1
				<i>?Aulosaccus</i>				1					1	1	1
				<i>Crateromorpha</i>				1					1	1	1

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots	Total No. of specimens
						Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	Arrow Plateau	East Chatham Rise	Hikurangi Deep	Mid Chat Rise	All Chat ham Rise BPAs	All Chatham Rise BPAs
					cf. n. sp. (maui)									1	1
					<i>Hyalascus</i> n. sp. (maui)									8	8
					<i>Hyalascus</i> n. sp. (sm)									1	1
					<i>Hyalascus</i> n. sp. 2			1				1		1	1
					<i>Hyalascus</i> n. sp. 2 (spikey)									1	1
			Rossellidae undet.		<i>Rossella antarctica</i>									1	1
	Hexasterophora undet.							1	1			1	1	2	2
Porifera undet.									1					1	1
														1	1
														46	47
	Phascolosomatida	Phascolosomatida	Phascolosomatidae	<i>Phascolosoma</i>	<i>annulatum</i>									1	1
Sipuncula undet.								1	1					16	18
Grand Total						6	61	120	3063	6	61	193	3063	3250	3323

Southern region

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transsect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transsect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep
Annelida	Polychaeta	Amphinomida	Amphinomidae		<i>australis</i>	2	1					3	6			3	9
		Eunicida	Eunicidae	<i>Eunice</i>					1					1		1	1
			Eunicidae undet.			4		1				5		1		5	6
			Lumbrineridae			4		1				85		1		5	86
			Onuphidae	<i>Hyalinoecia</i>				1	1					1	1	2	2
		Phyllodocida	Aphroditidae			1						2				1	2
			Glyceridae	<i>Glycera</i>	<i>benhami</i>	1						1				1	1

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transsect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transsect	Bounty Heritage	Campbell East	Campbell Heritage		
					<i>Glycera lapidum</i>		1									1	1
					<i>Aglaophamus</i>				1							1	1
			Nephtyidae										1			1	1
			Nephtyidae undet.			1									1	1	1
			Nereididae	<i>Namanereis</i>	<i>quadriceps</i>					1						1	1
				<i>Platynereis</i>	<i>kau</i>					2						2	9
				<i>Platynereis</i>		1				3						4	4
			Nereididae undet.			9				1						10	11
			Polynoidae			5										5	10
			Sigalionidae				1									1	2
			Syllidae	<i>Typosyllis</i>	<i>proxila</i>					1						1	1
			Syllidae undet.			2	1			1						4	16
		Sabellida	Serpulidae	<i>Spirobranchus</i>	<i>latiscapus</i>					1						1	10
				<i>Spirobranchus</i>			1			1						2	4
			Serpulidae indet.			2										2	2
			Serpulidae undet.			4	15			4						23	698
			Spirorbinae (subfamily)			1										1	5
		Scolecida	Capitellidae			1				1						2	2
			Maldanidae	<i>Notoproctus</i>	sp. A					2						2	2
			Maldanidae undet.							1						1	1
		Terebellida	Cirratulidae	<i>Timarete</i>	<i>anchylochaeta</i>					1						1	9
			Cirratulidae undet.			1				1						2	2
			Terebellidae			1				1						2	2
Annelida undet.	Polychaeta undet.					45	5			2						52	421
						1	1			1						3	3
Arthropoda	Branchiopoda					6	1			1						8	8
	Malacostraca	Amphipoda	Aoridae	<i>Aora</i>	<i>typica</i>	1										1	1
				<i>Aora</i>		3										3	3

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
				<i>Meridiolembos</i>	<i>pertinax</i>				2							2	2
			Caprellidae	<i>Caprellidea</i>		1										1	1
			Caprellidae	<i>Caprellina</i>	<i>longicollis</i>	1										1	1
			Caprellidae undet.			1										1	1
			Dexaminidae	<i>Paradexamine</i>	<i>pacifica</i> cf.	1										2	2
			Hyalidae	<i>Syndexamine</i>	<i>carinata</i>	1										1	1
			Hyalidae	<i>Apohyale</i>	<i>freemanae</i> <i>grandicornis</i>	4										17	17
				<i>Apohyale</i>	<i>hirtipalma</i>	3										9	9
			?Hyalidae	<i>Apohyale</i>		2										10	10
			Hyalidae undet.			1										6	6
			Hyperiididae	<i>Parathemistodii</i>	<i>gaudichaudii</i>					3						21	21
			Ischyroceridae	<i>Jassa</i>		2				1						12	12
			Leucothoidae	<i>Ventojassa</i>	<i>frequens</i>	1										2	2
			Lysianassidae	<i>Leucothoe</i>	<i>trailli</i>	1										1	1
			Lysianassidae	<i>Acontistoma</i>	<i>marionis</i> cf. <i>iugum</i>	1			1							1	1
			Lysianassidae	<i>Parawaldeckia</i>	<i>vesca</i>				1							1	1
			Lysianassidae	<i>Parawaldeckia</i>	<i>hirsuta</i>				2							2	2
			Lysianassidae	<i>Parawaldeckia</i>	<i>kidderi</i>	2										2	2
			Lysianassidae	<i>Stomacontion</i>	<i>hurleyi</i>				1							1	1
			Lysianassidae	<i>Stomacontion</i>	<i>pungapungana</i>				2							2	2
			Maeridae	<i>Elasmopus</i>	<i>wahine</i>	1		1								1	1
			Maeridae	<i>Elasmopus</i>	cf. <i>wahine</i>	1										1	2
			Maeridae	<i>Maera</i>	cf. <i>masteri</i>	1										1	1
			Maeridae	<i>Maera</i>					1							1	1
			Melitidae	<i>Ceradocopsis</i>	<i>camleyi</i>	1										1	1

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens	
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage			Puysegur
					<i>inaequistylis</i> cf.				1								9	9
					<i>Parapherusa crassipes</i> cf.	1										1		1
			Oedicerotidae		<i>Carolobatea schneideri</i>				1							1		1
			Photidae		<i>Gammaropsis</i>	2										3		3
			Phoxocephalidae		cf.													
			Podoceridae		<i>Brolgus tattersalli</i>				1							1		1
			Pontogeneiidae		<i>Podocerus</i>	1										2		2
					<i>Gondogeneia danai</i>	4										4		14
					<i>Paramoera chevreuxi</i> cf.				2							2		12
					<i>Paramoera rangatira</i> cf.	1										3		3
					<i>Schraderia serraticauda</i>	1										1		1
			Stenothoidae		<i>Schraderia serraticauda</i>													
					<i>Schraderia ovata</i>	1			2							2		12
					<i>Probolisca ovata</i>	1										1		1
			Talitridae		<i>Orchestia aucklandia</i>	2										2		51
					<i>Protorchestia campbelliana</i>				1							1		1
			Talitridae undet.			1	1									2		2
		Amphipoda undet.				41	6	1	3							51		261
		Decapoda	Acanthephyridae		<i>Acanthephyra pelagica</i>	1										1		1
			Campylonotidae		<i>Campylonotus rathbunae</i>	1		1								2		8
			Chirostylidae		<i>Uroptychus tomentosus</i>		1									1		2
			Crangonidae		<i>Phillocheras acutirostratus</i>	1										1		1
			Galatheidae		<i>Phylladorhynchus pusillus</i>	1										2		2
					<i>Phylladorhynchus</i> n. sp. 1			2										
			Hippolytidae		<i>Nauticariscf. brucei</i>				1					10		1		1
					<i>Nauticariscf. marionis</i>				3							3		12

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
				<i>Exosphaeroma</i>	<i>obtusum</i>				4					18	4	18	
				<i>Exosphaeroma</i>		1			1			3		1	2	4	
				<i>Ischyromene</i>	<i>huttoni</i>	2						34			2	34	
			Sphaeromatidae undet.			2						4			2	4	
		Isopoda undet.															
		Mysida	Mysidae	<i>Tenagomysis</i>		32	2	1	6			161	2	1	7	41	171
		Mysida undet.				1						14			1	14	
		Tanaidacea				1						1			1	1	
	Maxillopoda					3						6			3	6	
		Pedunculata	Scalpellidae	<i>Amigdoscalpellum</i>	<i>costellatum</i>			1	1						2	7	
				<i>Arcoscalpellum</i>	<i>affricatum</i>	1									1	1	
				<i>Litoscalpellum</i>	<i>intermedium</i>	1						1			1	1	
				<i>Scillaelepas</i>	<i>fosteri</i>	1						1			1	1	
				<i>Smilium</i>	<i>acutum</i>	1						1			1	1	
		Sessilia	Archaeobalanidae	<i>Notobalanus</i>	<i>vestitus</i>		8		2				9	2	10	11	
			Balanidae	<i>Notomegabalanus</i>	<i>campbelli</i>		3		1				3	1	4	4	
				<i>Notomegabalanus</i>	<i>decorus</i>		4		1				4	1	5	5	
			Bathylasmatidae	<i>Hexelasma</i>	<i>alearum</i>	1						1			1	1	
				<i>Hexelasma</i>	<i>carina</i>	1						1			1	1	
			Coronulidae	<i>Coronula</i>	<i>diadema</i>		1						1		1	1	
			Pachylasmatidae	<i>Bathylasma</i>		1						1			1	1	
				<i>Pachylasma</i>	<i>scutistriata</i>	1						1			1	1	
		Sessilia undet.				1						1			1	1	
	Cirripedia (infraclass) undet.					6	1		1			6	1	1	8	8	
	Maxillopoda undet.					5	13	1	8			5	13	1	8	27	

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
				<i>Arachnopusia</i>		1						1				1	1
			Beaniidae	<i>Beania</i>	<i>bilaminata</i>		1						1			1	1
				<i>Beania</i>	<i>plurispinosa</i>			1					2			1	2
				<i>Beania</i>	<i>quadricornuta</i>			1					1			1	1
			Bifaxariidae	<i>Diplonotos</i>		1						1				1	1
			Bitectiporidae	<i>Bitectipora</i>	<i>rostrata</i>		2						9			2	9
				<i>Parkermavel</i>		1						1				1	1
				<i>Parkermavel</i>	<i>curvata</i>		2						9			2	9
				<i>Parkermavel</i>	<i>punctigera</i>			6					30			6	30
				<i>Parkermavel</i>	<i>virago</i>					1				1		1	1
				<i>Parkermavel</i>	n. sp.		2						2			2	2
				<i>Parkermavel</i>		1						1				1	1
				<i>Schizosmittina</i>	<i>conjuncta</i>	1	2		5			1	2	6		8	9
				<i>Schizosmittina</i>					1					1		1	1
			Buffonellodidae	<i>Aimulosia</i>	<i>marsupium</i>				2					3		2	3
			Bugulidae undet.			1						1				1	1
			Calloporidae	<i>Alderina</i>	<i>gorensis</i>		3						9			3	9
				<i>Alderina</i>	<i>neotuberosa</i>							1				1	1
				<i>Amphiblestrum</i>	<i>vitreum</i>							1				1	1
				<i>Candoscrupe</i>		2						2				2	2
				<i>Corbulella</i>	<i>tabula</i>	1						1				1	1
				<i>Crassimargina</i>	<i>fossa</i>			1					1			1	1
				<i>Ellisina</i>	<i>sericea</i>		1		1				1	1		2	2
				<i>Ellisina</i>	n. sp.	2						2				2	2
				<i>Marssonopora</i>	<i>aspinosa</i>	3						3				3	3
				<i>Olisthella</i>	<i>contigua</i>	2						2				2	2

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
				<i>Pyriporoides</i>	<i>circularis</i>	1						1				1	1
				<i>Pyriporoides</i>	<i>libita</i>	1						1				1	1
				<i>Valdemunitella</i>	<i>pyrula</i>				1				14			1	14
			Calwelliidae	<i>Variretevirgula</i>	<i>asperula</i>	2						3				2	3
				<i>Calwellia</i>	<i>gracilis</i>				1					4		1	4
				<i>Malakosaria</i>	<i>sinclairii</i>				2					4		2	4
			Candidae	<i>Amastigia</i>			2						3			2	3
				<i>Bugulopsis</i>	<i>monotrypa</i>				1					1		1	1
				<i>Caberea</i>	cf. <i>rostrata</i>				2					4		2	4
				<i>Caberea</i>	<i>solida</i>				1					7		1	7
				<i>Caberea</i>	<i>zelandica</i>		3						7			3	7
				<i>Caberea</i>		2			2			2		2		4	4
				<i>Emma</i>	<i>rotunda</i>				2					7		2	7
				<i>Menipea</i>	n. sp.	1			2					7		1	1
				<i>Notoplites</i>		1			1					1		2	2
				<i>Tricellaria</i>	<i>aculeata</i>	2						2				2	2
			Catenicellidae	<i>Catenicella</i>					2					3		2	3
				<i>Costaticella</i>	<i>bicuspis</i>		1						1			1	1
				<i>Costaticella</i>	<i>solida</i>				1					3		1	3
				<i>Cribricellina</i>	<i>cribraria</i>		2						2			2	2
				<i>Orthoscuticella</i>	<i>margaritacea</i>				3					3		3	3
				<i>Paracribricella</i>	<i>cribraria</i>				3					3		3	3
			Cellariidae	<i>Cellaria</i>	<i>immersa</i>		1							3		1	3
			Celleporidae	<i>Buffonellaria</i>	<i>turbula</i>		2							2		2	2
				<i>Celleporina</i>	<i>grandis</i>		1		1					9		2	10
					<i>hemiperistomata</i>							1		2		3	3
				<i>Celleporina</i>	<i>proximalis</i>		2					1		4		2	4
					cf.												
				<i>Galeopsis</i>	<i>polyporus</i>	1						1				1	1
				<i>Galeopsis</i>	<i>polyporus</i>		5		2				6		2	7	8
					<i>porcellanicus</i>				1			4	1		1	6	6
				<i>Galeopsis</i>	n. sp.	1						1				1	1
					<i>casablanc</i>												
				<i>Lagenipora</i>	<i>a</i>	1						1				1	1
				<i>Lagenipora</i>	<i>granulosa</i>	1						1				1	1
				<i>Osthimosia</i>	<i>amplexa</i>				2					11		2	11
				<i>Osthimosia</i>	<i>cyclops</i>		1						3			1	3

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						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
				<i>Osthimosia</i>	<i>monilifera</i>		3									3	7
				<i>Osthimosia</i>	<i>turrita</i>				1							1	2
			Chaperiidae	<i>Chaperia</i>		2						2				2	2
				<i>Chaperiopsis</i>	<i>cervicornis</i>		2					15				2	15
				<i>Chaperiopsis</i>	<i>splendida</i>	1	4		1			15		3		5	18
				<i>?Chaperiopsis</i>				1							1	1	
				<i>Patsyella</i>	<i>acanthodes</i>	1									1	1	
			Cheilostomata family incertae sedis	<i>Bountyella</i>	<i>morgani</i>		2									2	3
			Crepidacanthidae	<i>Crepidacantha</i>	<i>crinispina</i>		1									1	1
			Cribrulinidae	<i>Figularia</i>	cf. <i>huttoni</i>	1						1				1	1
				<i>Figularia</i>	<i>huttoni</i>	1	3		2			1	10	6		6	17
				<i>Figularia</i>	<i>mernae</i>	2	3		2			11	7	2		7	20
			Electridae	<i>Villicharixa</i>	<i>strigosa</i>				1					3		1	3
				<i>?Isoschizoporella</i>	n. sp.		2									2	2
			Escharinidae	<i>Chiaosella</i>	<i>dissidens</i>		1									1	1
				<i>Chiaosella</i>	<i>watersi</i>		1		1					1		2	2
				<i>Escharina</i>	<i>waiparaensis</i>		2									2	2
				<i>Taylorius</i>	<i>arcuatus</i>		3							11		3	11
				<i>Taylorius</i>					1						21	1	21
			Eurystomellidae	<i>Eurystomella</i>	<i>biperforata</i>		5		1							6	23
			Flustridae	<i>Hincksina</i>			1									1	3
			Foveolariidae	<i>Foveolaria</i>	<i>elliptica</i>	1						1				1	1
				<i>Odontionella</i>	<i>cyclops</i>	3	3					3	9			6	12
			Gigantoporidae	<i>Cosciniopsis</i>	<i>vallata</i>		4									4	8
			Hippochoidae	<i>Antarctothoa</i>	<i>delta</i>	1	1		4			1	1		13	6	15
				<i>Hippochoa</i>	<i>flagellum</i>	1						1				1	1
			Lacernidae	<i>Cribellopora</i>	<i>napi</i>				2					2		2	2
				<i>Lacerna</i>	<i>styphelia</i>				1					22		1	22
				<i>Nimba</i>	<i>verrucosa</i>		1						3			1	3
				<i>Phonicosia</i>	<i>is</i>	1						2				1	2
				<i>Phonicosia</i>	cf. <i>circinata</i>	2						2				2	2

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						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
				<i>Phonicosia</i>	<i>circinata</i>		2									2	5
					<i>globosa</i>		1									1	1
					<i>oviseparata</i>											1	1
			Lekythoporidae	<i>Rogicka</i>	<i>biserialis</i>		1		1				1			2	2
			Lepraliellidae	<i>Poecilopora</i>	n. sp.	1						1				1	1
				<i>Celleporaria</i>	<i>agglutinans</i>				5				8			5	8
				<i>Celleporaria</i>	<i>emancipata</i>				1				4			3	12
			Macroporidae	<i>Celleporaria</i>		1	2		1				8			1	1
			Microporellidae	<i>Macropora</i>	<i>filifera</i>	3						3				3	3
				<i>Calloporina</i>	<i>angustipora</i>			1		1				1		2	2
					<i>gelasinoides</i>								1			1	1
				<i>Fenestrulina</i>	<i>incompta</i>	1			2			1		5		4	7
				<i>Fenestrulina</i>	<i>reticulata</i>		4						16			4	16
				<i>Fenestrulina</i>	n. sp.		2						2			2	2
				<i>Fenestrulina</i>					1					1		1	1
				<i>Microporella</i>	<i>agonistes</i>				3					5		3	5
				<i>Microporella</i>	<i>discors</i>		2						17			2	17
			Microporidae	<i>Microporella</i>		2	4		1			2	22		4	7	28
				<i>Micropora</i>	<i>elegans</i>	2						2				2	2
				<i>Micropora</i>	n. sp.	1						1				1	1
				<i>Micropora</i>	sp. 1		7						69			7	69
				<i>Micropora</i>	sp. 2		1						2			1	2
				<i>Micropora</i>					3					20		3	20
				<i>Opaeophora</i>	<i>lepida</i>		1		1				1		2	2	3
				<i>Otomicropora</i>		1						3				1	3
			Phidoloporidae	<i>Hippellozoon</i>	<i>novaezelandiae</i>		2						2			2	2
				<i>Reteporella</i>	sp. 2	1						1				1	1
				<i>Reteporella</i>		1						1				1	1
				<i>Stephanollona</i>	<i>scintillans</i>		9						20			9	20
				<i>Stephanollona</i>		1						1				1	1
				<i>Stephanollona</i>	n. sp.	1						1				1	1
				<i>Stephanollona</i>		1						1				1	1

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						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
			Pyrisinellidae	<i>Stolomicropora</i>	<i>iota</i>	1						1				1	1
			Romancheinidae	<i>Escharella</i>	<i>spinosissima</i>		2		1				2		2	3	4
				<i>Escharella</i>		2						2			2	2	2
			Smittinidae	<i>Hemismittoidaea</i>		1						1				1	1
				<i>Parasmittina</i>	<i>aotea</i>		4						9			4	9
				<i>Prenantia</i>	<i>firmata</i>		1						2			1	2
				<i>Smittina</i>	<i>personata</i>		1						4			1	4
				<i>Smittina</i>	<i>purpurea</i>		3						3			3	3
				<i>Smittina</i>	<i>rosacea</i>		3						15			3	15
				<i>Smittina</i>	n. sp.	1						1				1	1
				<i>Smittina</i>	sp. 2	1						1				1	1
				<i>Smittina</i>		1						1				1	1
				<i>Smittoidea</i>	<i>discoveria</i>				1				1			1	1
				<i>Smittoidea</i>	<i>maunganuiensis</i>	3	2		1			3	2		1	6	6
		Ctenostomata	Penetrantiidae	<i>Penetrantia</i>	<i>parva</i>		2						2			2	2
	Stenolaemata	Cyclostomata	Annectocymidae	<i>Annectocyma</i>			1						9			1	9
			Cinctiporidae	<i>Cinctipora</i>	<i>elegans</i>	1	8		3			1	50		3	12	54
			Crisiidae	<i>Bicrisia</i>	<i>biciliata</i>		2		3				4		28	5	32
				<i>Bicrisia</i>	<i>edwardsiana</i>		3		1				4		2	4	6
				<i>Crisia</i>					1						2	1	2
				<i>Desmediaperoecia</i>													
			Diaperoeciidae	<i>Diaperoecia</i>	<i>purpurascens</i>		1						26			1	26
				<i>Mecynoecia</i>		2	3					2	24			5	26
				<i>Mecynoecia</i>	<i>neozelanic</i>	2						2				2	2
			Heteroporidae	<i>Heteropora</i>	<i>neozelanic</i>				1					1		1	1
				<i>Heteropora</i>			1						15			1	15
			Horneridae	<i>Hornera</i>		5	5					5	5			10	10
			Incertae sedis	<i>Telopora</i>	<i>lobata</i>	2						8				2	8
				<i>Telopora</i>		1	2					1	3			3	4
			Lichenoporidae	<i>Disporella</i>	<i>pristis</i>		3		4				5		5	7	10
				<i>Disporella</i>		1	2		1			1	7		3	4	11
			Plagioeciidae	<i>Plagioecia</i>	<i>sarniensis</i>	1	1					1	1			2	2

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						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur				Sub-Antarctic Deep			
Bryozoa undet.			Tetrocycloecidae Tubuliporidae	<i>Plagioecia</i>		2			1			2	3	4			
				<i>Tetrocycloecia</i>		2							2	3			
				<i>Erksonea</i>		1							1	12	1	12	
				<i>Exidmonea</i>		1		2				1	2	3	3	3	
				<i>Idmidronea</i>				1					1	1	1	1	
				<i>Platonea</i>				4					7	4	7	7	
				<i>Tubulipora</i> <i>anderssoni</i>		1							1	1	1	1	
				<i>Tubulipora</i> sp. 1				1					1	1	1	1	
				<i>Tubulipora</i> sp. 2				2					2	2	2	2	
				<i>Tubulipora</i>				1			1		1	3	2	4	
						70	17		8		75	18	8	95	101		
Chordata	Ascidiacea [Tunicates]	Enterogona Aplousobranchia	Didemnidae Polyclinidae	<i>Polysyncrator</i>	<i>mortenseni</i>		2						2	2			
				<i>Polyclinum</i>	<i>?sluiteri</i>		1					1	1	1	1		
				<i>Synoicum</i>				1					3	1	3		
		Pleurogona Stolidobranchia	Pyuridae	<i>Pyura</i>	<i>rugata</i>					1				1	1		
				<i>Pyura</i>	<i>subuculata</i>		1			1			2	2	7		
				<i>Styela</i>	<i>lidi</i>			1					3	1	3		
					11	3		5		12	3	5	19	20			
Cnidaria	Anthozoa	Actiniaria undet. Actiniaria undet. Alcyonacea	Hormathiidae					1					1	1			
													13	1	13		
						24	6	1	2			28	6	1	2	33	37
						1			1			1			1	1	
						1	2					5	2		1	2	2
						1	2		1			5	2		1	4	8
						1						1				1	1
						1						1				1	1
						1						1				1	1
						7						7				7	7
		1						1				1	1				

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep
			Primnoidae	<i>Callozostron</i>	<i>acanthodes</i>	1						1				1	1
			Primnoidae undet.			6						6				6	6
			Taiarooidae	<i>Taiaroa</i>	<i>tauhou</i>	1						6				1	6
		Alcyonacea undet.				16						16				16	16
		Ceriantharia							1					1		1	1
		Pennatulacea	Kophobeleminidae	<i>Kophobelemon</i>	<i>stelliferum</i>	1						15				1	15
		Pennatulacea undet.				1						1				1	1
						3						3				3	3
		Scleractinia	Caryophylliidae	<i>Caryophyllia</i>	<i>atlantica</i>	1						3				1	3
				<i>Desmophyllum</i>		1						1				1	1
				<i>Goniocorella</i>	<i>dumosa</i>		1					1				1	1
			Dendrophylliidae	<i>Enallopsamia</i>	<i>rostrata</i>	1						1				1	1
			Flabellidae	<i>Flabellum</i>	<i>knoxi</i>	2		1				13		2		3	15
				<i>Flabellum</i>		1	1					1	1		2	2	2
					<i>vermiformis</i>												
			Guyniidae	<i>Stenocyathus</i>	<i>s</i>	1						1				1	1
			Oculinidae	<i>Madrepora</i>	<i>oculata</i>	1						1				1	1
		Scleractinia undet.				15	7					15	7			22	22
		Telestacea	Telestidae	<i>Telesto</i>		2						3				2	3
					<i>paguriphilus</i>	1						1				1	1
	Anthozoa undet.		Zoantharia	Epizoanthidae	<i>Epizoanthus</i>								1			1	1
	Hydrozoa	Anthoathecata	Stylasteridae	<i>Allopora</i>	<i>eguchii</i>	2						2				2	2
				<i>Calyptopora</i>	<i>reticulata</i>	4						4				4	4
				<i>Conopora</i>	<i>verrucosa</i>	1	1					1	1			2	2
				<i>Crypthelia</i>	<i>studerii</i>	2						4				2	4
				<i>Errina</i>	<i>hicksoni</i>	3	9					3	28			12	31
				<i>Errina</i>	<i>laterorifera</i>		1						1			1	1
				<i>Errina</i>		3						3				3	3
				<i>Inferiolabiatia</i>	<i>labiata</i>	2						2				2	2

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						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage			Puysegur
					<i>Cladaster</i>	<i>latus</i>	1										1	1
					<i>Hippasteria</i>	<i>phrygiana</i>	3		1								4	5
					<i>Lithosoma</i>	<i>ndiae</i>											1	1
					<i>Mediaster</i>	<i>arcuatus</i>	5										5	20
					<i>Mediaster</i>	<i>dawsoni</i>	2										2	2
						<i>aucklande</i>												
					Odontasteridae	<i>Odontaster</i>			4								4	5
						<i>Odontaster</i>											1	1
						<i>Odontaster</i>											1	2
						<i>multispinus</i>												
					Solasteridae	<i>Crossaster</i>	1		2								3	3
						<i>Solaster</i>	1										1	1
						<i>Diplopteraster</i>												
					Velatida	Pterasteridae											1	1
						<i>Hymenaster</i>	1										1	6
						<i>Pteraster</i>	1										1	1
						<i>Pteraster</i>	2		1								3	5
																	1	1
																	1	1
																	1	3
																	1	1
																	3	3
																	1	100
																	1	1
																	1	1
																	4	4
																	5	16
																	65	307
																	1	1
																	7	16

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transsect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transsect	Bounty Heritage	Campbell East	Campbell Heritage		
		Cidaroida	Cidaridae	<i>Austrocidaris</i>	<i>pawsoni</i>			1								1	1
				<i>Austrocidaris</i>		2										2	2
				<i>Goniocidaris</i>	<i>parasol</i>	1	1					50	1			2	51
				<i>Rhopalocidaris</i>		2						19				2	19
			Ctenocidaridae	<i>Aporocidaris</i>	<i>?milleri</i>	2						6				2	6
		Cidaroida undet.				4	1	1				4	1	1		6	6
		Echinothurioida	Echinothuriidae	<i>hoplacantha</i>		1						1				1	1
				<i>Hygrosoma</i>		1						1				1	1
				<i>Sperosoma</i>	<i>indet.</i>	1						1				1	1
			Phormosomatidae	<i>Phormosoma</i>	<i>bursarium tuberculata</i>			1						2		1	2
		Spatangoida	Eurypatagidae	<i>Paramaretia</i>			1						1			1	1
				<i>Echinocardium</i>				1					1			1	1
			Loveniidae					1					1			1	1
			Schizasteridae	<i>Brisaster</i>	<i>edentatus</i>	1						1				1	1
				<i>Brisaster</i>	<i>tasmanicus</i>	1						1				1	1
				<i>Brisaster</i>			1						1			1	1
			Spatangidae	<i>Spatangus</i>	<i>thor</i>	1						1				1	1
				<i>Spatangus</i>			1						1			1	1
		Echinoidea undet.				8	8	1	5			8	17	1	5	22	31
		Holothuroidea	Aspidochirota		<i>cf. moseleyi</i>	1						2				1	2
			Synallactidae	<i>Bathylotes</i>		1						2				1	2
				<i>Pseudostichopus</i>	<i>mollis</i>	1		3				2		6		4	8
				<i>Pseudostichopus</i>		1						3				1	3
		Dendrochirota				3						8				3	8
			Cucumariidae	<i>Squamocnus</i>	<i>brevidentis</i>	2						2				2	2
				<i>Squamocnus</i>	<i>niveus</i>											1	1
			Phyllophoridae	<i>Pentadactyla</i>	<i>longidentis</i>			1						1		1	1
			Placothuriidae	<i>Placothuria</i>	<i>huttoni</i>			1						1		1	1
				<i>Placothuria</i>	<i>squamata</i>			2					5			2	5
		Dendrochirota undet.				1						1				1	1
		Elasipodida	Elpidiidae	<i>Scotoplanes</i>	<i>globosa</i>	1						1				1	1

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						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
		Elasipodida undet.				1						1				1	1
		Synaptida	Chiridotidae	<i>Chiridota</i>	<i>camleyensis</i>				2					10		2	10
				<i>Chiridota</i>	<i>gigas</i>		1						2		1	2	
			Chiridotidae undet.	<i>Chiridota</i>			1						4		1	4	
		Synaptida undet.					1						1		1	1	
	Holothuroidea undet.						1						1		1	1	
	Ophiuroidea		Asteronychidae	<i>Asteronyx</i>	<i>loveni</i>	6	1	1	2			6	1	1	2	10	10
		Euryalida	Asteroschematidae	<i>Ophiocreas</i>		2						4				2	4
			Gorgonocephalidae	<i>Astroniwa</i>	<i>nukurangi</i>	1						1				1	6
		Ophiurida	Amphiuridae	<i>Amphioplus</i>	<i>cupus</i>			1				6		2		1	2
				<i>Amphioplus</i>	<i>n. sp.</i>	1						1				1	1
				<i>Amphiura</i>	<i>amokurae</i>	1						1				1	1
				<i>Amphiura</i>	<i>heraldica</i>	1						1				1	1
				<i>Amphiura</i>	<i>magellanica</i>	6			1			29		3		7	32
			Ophiacanthidae	<i>Ophiacantha</i>	<i>brachygna</i>	1						2				1	2
				<i>Ophiacantha</i>	<i>otagoensis</i>	1						4				1	4
				<i>Ophiacantha</i>	<i>cf. rosea</i>	1						1				1	1
				<i>Ophiacantha</i>	<i>rosea</i>	2						2				2	2
				<i>Ophiacantha</i>	<i>vilis</i>			1						1		1	1
				<i>Ophiacantha</i>	<i>yaldwyni</i>	1						1				1	1
				<i>Ophiocamax</i>	<i>applicatus</i>	1						3				1	3
				<i>Ophiomitrella</i>	<i>conferta</i>	2						6				2	6
				<i>Ophiomitrella</i>	<i>n. sp.</i>	1						1				1	1
				<i>Ophiophthalmus</i>	<i>relictus</i>	7						19				7	19
				<i>Ophioplintha</i>	<i>ca</i>	1						1				1	1
			Ophiactidae	<i>Ophiactis</i>	<i>abyssicola</i>	3						5				3	5
				<i>Ophiactis</i>	<i>hirta</i>	1						2				1	2

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						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
			Ophiochitonidae	<i>Ophiochiton</i>	<i>fastigatus</i>			1					3			1	3
			Ophiodermatidae	<i>Ophiopora</i>				1					1			1	1
			Ophioporidae	<i>Ophiopora</i>	<i>cylindrica</i>	8	4		2				25	5	6	14	36
			Ophioporidae	<i>Ophiomyces</i>	<i>delata</i>	1							3			1	3
			Ophioporidae	<i>Ophiomyxium</i>	<i>lymani</i>	3							8			3	8
			Ophiomyxidae	<i>Ophiomyxium</i>	<i>cf. scalare</i>	1							1			1	1
			Ophiomyxidae	<i>Ophiozonella</i>	<i>stellata</i>	3							7			3	7
			Ophiomyxidae	<i>Ophiomyxa</i>	<i>brevirima</i>	10	2						23	8		12	31
				<i>Ophiomyxa</i>	<i>n. sp. (MoV 5486)</i>	1							8			1	8
				<i>Ophiomyxa</i>		3	1						10	1		4	11
			Ophiuridae	<i>Ophioscolex</i>	<i>glacialis</i>	1							1			1	1
			Ophiuridae	<i>Amphiopora</i>	<i>cf. improba</i>	2							7			2	7
			Ophiuridae	<i>Amphiopora</i>		1							1			1	1
			Ophiuridae	<i>Ophiopleura</i>	<i>inermis</i>	4							5			4	5
			Ophiuridae	<i>Ophiura</i>	<i>(Ophiuroglypha) irrorata</i>	4	1	1					14	6	1	6	21
			Ophiuridae	<i>Ophiura</i>	<i>(Ophiuroglypha) ?rugosa</i>	1							2			1	2
			Ophiuridae	<i>Ophiura</i>	<i>(Ophiuroglypha) rugosa</i>	2							2			2	2
			Ophiuridae	<i>Ophiura</i>	<i>(Ophiuroglypha) n. sp.</i>	1							1			1	1
			Ophiuridae	<i>Ophiura</i>	<i>(Ophiuroglypha)</i>		2							4		2	4
			Ophiuridae	<i>Ophiura</i>		1							1			1	1
			Ophiuridae	<i>Stegophiura</i>	<i>elevata</i>	3							6			3	6
			Ophiuridae	<i>Stegophiura</i>	<i>singletoni</i>	5							13			5	13
		Ophiurida undet.							1						1	1	

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						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
	Ophiuroidea undet.					2										2	4
	Asterozoa (subclass) undet.					9	15	2	2			9	15	2	2	28	28
	Echiura					1			1			1			1	2	2
	Entoprocta																
	Kamptozoa	Coloniales	Barentiidae	<i>Barentsia</i>	<i>geniculata</i>				2					4		2	4
	Xenophyophorida					2										2	2
	Mollusca	Bivalvia	Adapedonta	Hiatellidae	<i>Hiatella arctica</i>	7	2		2			8	13		4	11	25
					<i>Hiatella</i>	2	7		3			2	7		3	12	12
					<i>Panopea smithae</i>		1						1			1	1
					<i>Panopea zelandica</i>		1						3			1	3
					<i>Panopea</i>		2						3			2	3
			Arcida	Arcidae	<i>?Barbatia</i>	1						1				1	1
					<i>Bathyarca cybaea</i>	1						1				1	1
					<i>Bathyarca</i>	10						945				10	945
				Limopsidae	<i>Limopsis lilliei</i>	1						1				1	1
					<i>Limopsis</i>	6						45				6	45
				Philobryidae	<i>Adacnarca minuta</i>	3	2		2			3	2		2	7	7
					<i>Cosa costata aucklandica</i>	19	2					61	2			21	63
					<i>Lissarca a</i>	22	8		4		1	637	8		7	35	653
					<i>Lissarca sp. 1</i>	5			1			5			1	6	6
					<i>Lissarca</i>		1						1			1	1
					<i>Philobrya antarctica</i>	3	2					3	2			5	5
					<i>Philobrya modiolus</i>	3	3					3	3			6	6
					<i>Philobrya ?munita sculpturalis</i>	1						1				1	1
					<i>Philobrya</i>	2						2				2	2
					<i>Philobrya</i>	9			2			18			2	11	20
					<i>Verticipronus mytilus sp. 3</i>	11	5		2			108	5		2	18	115
				Philobryidae undet.		1			1			1			1	1	1
			Cardiida	Cardiidae	<i>Pratulium pulchellum</i>		2		6				9		28	8	37
					<i>Pratulium purpurocardia</i>				1						1	1	1
					<i>purpurata ?urinatoria</i>	3	2					18	12			5	30
				Tellinidae	<i>Elliptotellina a</i>		1		2				1		20	3	21

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						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	All subantarctic BPAs	All subantarctic BPAs
			Carditida	<i>Elliptotellina</i>	<i>urinatoria</i>	1	5		2			1	5		2			8	8
			Carditidae	<i>Cardita</i>	<i>distorta</i>	1	2					3	3					3	6
				<i>Pleuromeris</i>	<i>marshalli</i>		8		2				103		46			10	149
				<i>?Venericardia</i>			1						7				1	7	
			Condylocardiidae	<i>Benthocardia</i>	<i>bountyensis</i>	2	4		1			2	6		1		7	9	
				<i>Benthocardia</i>					1						1		1	1	
				<i>Condylocardia</i>	<i>crassicosta</i>		2						2				2	2	
				<i>Condylocardia</i>			1						1				1	1	
				<i>Condylocuna</i>	<i>concentrica</i>		2						2				2	2	
				<i>Condylocuna</i>			1						1				1	1	
		Heterodonta (unassigned)	Corbulidae	<i>Corbula</i>	<i>zelandica</i>				2						9		2	9	
			Cuspidariidae	<i>Cuspidaria</i>	<i>fairchildi</i>		1						1				1	1	
				<i>Cuspidaria</i>	<i>morelandi</i>	2						2					2	2	
			Cyamiidae	<i>Cyamiomactra</i>	<i>problematica</i>	7	1		1			458	1		1		9	460	
				<i>Kidderia</i>	<i>acrobeles campbellica</i>	5						5					5	5	
				<i>Kidderia</i>	<i>costata</i>	4						69			2		4	69	
				<i>Kidderia</i>	<i>gibbosa</i>	3			2			3			2		5	5	
				<i>Kidderia</i>	<i>sp. 1</i>	1			1			1			1		2	2	
				<i>Kidderia</i>	<i>forsteriana aucklandica</i>		1						1				1	1	
			Gaimardiidae	<i>Gaimardia</i>	<i>a</i>	4	4		1			94	4		1		9	99	
				<i>Gaimardia</i>	<i>sp. 1</i>	1	2					1	2				3	3	
				<i>Gaimardia</i>	<i>sp. 2</i>				1						1		1	1	
				<i>?Gaimardia</i>		1						1					1	1	
			Galeommatidae	<i>Borniola</i>	<i>decapitata</i>		2		1					2	1		3	3	
				<i>Borniola</i>					2						2		2	2	
				<i>Kaneoha</i>	<i>minima cycladiformis</i>				1						1		1	1	
				<i>Kellia</i>	<i>mis</i>	6						17					6	17	
				<i>Kellia</i>	<i>sp. 1</i>	4	1		1			4	1		1		6	6	
				<i>Kellia</i>					1						1		1	1	
				<i>Lasaea</i>	<i>hinemoa</i>	11	2		4			153	2		53		17	208	

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						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep		
				<i>Mysella</i>	<i>cymbala</i>		3										3	3	
				<i>Mysella</i>	<i>notialis</i>	4			1			4			1		5	5	
				<i>Mysella</i>	<i>unidentata</i>		2						2				2	2	
				<i>Mysella</i>					1						1		1	1	
			Lasaeidae						1						1		1	1	
			Lyonsiellidae	<i>Policordia</i>		1						1					1	1	
				<i>Scalpomactra</i>													1	1	
			Macluridae	<i>scalpellum</i>			1						11				1	11	
				<i>Zenatia</i>	<i>acinaces</i>				2					3			2	3	
				<i>Anisodonta</i>													1	1	
				(<i>Tahunanuia</i>)	<i>alata</i>				1					1			1	1	
			Sportellidae	<i>Zemysia</i>	<i>rakiura</i>	15	3					259	7				18	266	
			Ungulinidae	<i>Acesta</i>	<i>maui</i>	1						1					1	1	
			Limida	<i>Acesta</i>		1						1					1	1	
				<i>Escalima</i>	<i>regularis</i>	8	1		1			11	2		2		10	15	
				<i>Limatula</i>	<i>maoria</i>	2						4					2	4	
				<i>Limatula</i>	<i>powelli</i>	9						23					9	23	
				<i>Limatula</i>	<i>suteri</i>	15			1			46			1		16	47	
				<i>Limatula</i>	<i>vigilis</i>		1						1				1	1	
				<i>Limatula</i>		19			2			98			2		21	100	
			Lucinida	<i>Lucinoma</i>	<i>galathea</i>	1	4		2			1			2		1	1	
					<i>?otagoensis</i>								13		2		6	15	
				<i>Genaxinus</i>					3						3		3	3	
			Thyasiridae	<i>Genaxinus</i>	<i>otagoensis</i>	1			2			1			4		3	5	
			Mytilida	<i>Aulacomya</i>	<i>maoriana</i>	4	12		4			4	450		6		20	460	
				<i>Aulacomya</i>					1						1		1	1	
				<i>?Dacrydium</i>		1						1					1	1	
				<i>Modiolus</i>	<i>areolatus</i>	15	17		3			31	47		4		35	82	
				<i>Mytilus</i>	<i>galloprovincialis</i>				10						282		10	282	
			Nuculanida	<i>Neilo</i>	<i>australis</i>				1						1		1	1	
			Mallettiidae	<i>Saccella</i>	<i>maxwelli</i>		1						1				1	1	
			Nuculanidae	<i>Ennucula</i>	<i>strangei</i>				2						2		2	2	
			Nuculida	<i>Linucula</i>	<i>hartvigiana</i>				1						1		1	1	
				<i>Nucula</i>	<i>bollonsi</i>	2	2					2	2				4	4	
				<i>Nucula</i>	<i>hartvigiana</i>				1						2		1	2	
				<i>Nucula</i>	<i>horningi</i>	1	3		1			1	3		1		5	5	
				<i>Nucula</i>	<i>nitidula</i>	2						2					2	2	
				<i>Nucula</i>	<i>rossiana</i>	3						3					3	3	

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						Antipodes Transsect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transsect	Bounty Heritage	Campbell East	Campbell Heritage		
				<i>Nucula</i>	<i>sp. 10</i>	2			2			2				4	4
				<i>Nucula</i>					2			2				2	2
		Ostreoida	Ostreidae	<i>Ostrea</i>					1			1				1	1
		Pectinida	Anomiidae	<i>Pododesmus</i>	<i>zelandicus</i>				1			1				1	1
				<i>Pododesmus</i>	<i>sp. A</i>	1	3		3			1	3		3	7	7
				<i>Pododesmus</i>					1			4			1	4	4
			Anomiidae		<i>n. sp.</i>	5	4		4			20	9		106	13	135
			Anomiidae undet.			1	2		1			2	26		6	4	34
			Pectinidae	<i>Veprichlamys</i>													
				<i>s</i>	<i>kiwaensis</i>		1						1			1	1
				<i>Zygochlamys</i>	<i>delicatula</i>	30	23		10			239	217		31	63	487
				<i>Zygochlamys</i>		4	2		1			4	2		1	7	7
			Chlamydinae (subfamily) undet.			2	1		2			2	3		6	5	11
			Propeamussiidae	<i>Cyclochlamys</i>	<i>austrina</i>	1						1				1	1
				<i>Cyclochlamys</i>	<i>pileolus</i>			1	1				1		1	2	2
				<i>Cyclochlamys</i>	<i>transenna</i>	2	2					2	2			4	4
				<i>Cyclochlamys</i>					1						1	1	1
				<i>Parvamussium</i>	<i>maorium</i>	10						542				10	542
		Pholadomyoidea	Thraciidae	<i>Asthenothaerus</i>	<i>maxwelli</i>	8	1					43	36			9	79
				<i>Thracia</i>	<i>vitrea</i>	1						1				1	1
			Verticordiidae	<i>Euairoa</i>	<i>galatheae</i>	1		2				1		4		3	5
				<i>Halicardia</i>	<i>?maoria</i>	1						1				1	1
				<i>Halicardia</i>	<i>maoria</i>	1						1				1	1
		Solemyida	Solemyidae	<i>Solemya</i>	<i>marshalli</i>		1						1			1	1
		Venerida	Neoleptonidae	<i>Neolepton</i>	<i>antipodum</i>	11	2		6			28	2		6	19	36
				<i>Neolepton</i>	<i>sp. A</i>	1						1			1	1	1
				<i>Neolepton</i>	<i>sp. B</i>	1						5			1	5	5
				<i>?Neolepton</i>		4						38			4	38	38
				<i>Neolepton</i>		4			1			14			1	5	15
				<i>Pachykellya</i>	<i>minima</i>		2						2		2	2	2
			Veneridae	<i>Pachykellya</i>					1						1	1	1
				<i>Dosina</i>	<i>mastracea</i>				1						1	1	1
				<i>Dosina</i>					1						1	1	1
				<i>Tawera</i>	<i>mawsoni</i>				1						3	1	3

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
				<i>Tawera</i>	<i>?phenax</i>				3							3	14
				<i>Tawera</i>	<i>phenax</i>	2			4							6	30
				<i>Tawera</i>	<i>sphaericula</i>	1										1	8
				<i>Tawera</i>	<i>spissa</i>	13	8		1							22	197
				<i>Venerupis</i>	<i>largillierti</i>	1	4								5	104	
	Bivalvia undet.								14						14		
	Cephalopoda	Octopoda	Octopodidae	<i>Enteroctopus</i>	<i>zealandicus</i>	24	16	1	15						56	56	
				<i>Graneledone</i>	<i>taniwha</i>	1					1				1	1	
				<i>Octopus</i>	<i>?campbelli</i>		1		1						2	2	
				<i>Octopus</i>	<i>campbelli</i>				1						1	1	
				<i>Octopus</i>	<i>huttoni</i>		2					2			2	2	
				<i>Octopus</i>					2			2			2	2	
			Octopodidae undet.			1	1								2	2	
			Opisthoteuthidae	<i>Opisthoteuthis</i>	<i>mero</i>				1						1	1	
		Oegopsida	Cranchiidae	<i>Galiteuthis</i>	<i>suhmi</i>	1						1			1	1	
			Gonatidae											1	1	1	
			Onychoteuthidae	<i>Onychia</i>	<i>robsoni</i>				1				1		1	1	
		Vampyromorpha	Vampyroteuthidae	<i>Vampyroteuthis</i>	<i>infernalis</i>						1				1	1	
	Cephalopoda undet.					2	1		1						4	4	
		Caenogastropoda	(unassigned)														
	Gastropoda		Cerithiopsidae	<i>Eumetula</i>	<i>aureola</i>	1	1								2	2	
				<i>Retilaskeya</i>			2								2	2	
				<i>?Seila</i>		2									2	2	
				<i>Specula</i>	<i>?retifera</i>	3									3	9	
				<i>Specula</i>	<i>retifera</i>	6			1						7	14	
				<i>Specula</i>	<i>styliformis</i>		2					1			2	2	
				<i>Zaclys</i>	<i>sarissa</i>	1	2					2			3	3	
			?Cerithiopsidae			1									1	1	
			Epitoniidae	<i>Cirsotrema</i>	<i>zelebori</i>	2									2	2	
				<i>Ataxocerithium</i>													
			Newtoniellidae	<i>ium</i>	<i>huttoni</i>				1				1		1	1	
			Nystiellidae			1									1	1	

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						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
			Triphoridae	<i>Cautor</i>	<i>lutea</i>		1									1	1
				<i>Monophorus</i>	<i>fascelinus</i>	4	4					4	4			8	8
				<i>Teretriphora</i>	<i>huttoni</i>	2			2			2		2		4	4
		Cephalaspidea	Cylichnidae	<i>Acteocina</i>		1						1				1	1
				<i>Cylichna</i>		1						1				1	1
			Retusidae	<i>Relichna</i>	<i>pachys</i>	6						10				6	10
				<i>Retusa</i>	<i>oruaensis</i>	2						4				2	4
				<i>Retusa</i>	<i>striata</i>	2			1			2		1		3	3
			Retusidae undet.			2			1			6		1		3	7
			Scaphandridae	<i>Scaphander</i>	<i>otagoensis</i>	3	1	2				5	1	4		6	10
		Heterobranchia (unassigned)	Cimidae	<i>Cima</i>	<i>ponderi</i>	1	1		1			1	1			3	3
				<i>Cima</i>	<i>wareni</i>		1						1			1	1
				<i>Cima</i>					2					2		2	2
			Mathildidae	<i>Brookesena</i>		1	2		1			1	2		1	4	4
			Omalogyridae	<i>Ammonicera</i>	<i>sp. 1</i>		1						1			1	1
				<i>Omalogyra</i>		1	2					1	2			3	3
				<i>Retrorotina</i>	<i>sp. 1</i>	1						1				1	1
				<i>Retrorotina</i>		6	2		2			6	2	2		10	10
			Orbitestellidae	<i>Microdiscula</i>	<i>sp. 1</i>	4	1					4	1			5	5
				<i>Microdiscula</i>					1					1		1	1
				<i>Orbitestella</i>	<i>hinemoa</i>		1						1			1	1
				<i>Orbitestella</i>	<i>sp. 5</i>		1						1			1	1
				<i>Orbitestella</i>	<i>sp. 14</i>	1						1				1	1
				<i>Orbitestella</i>		1	2		2			1	2	2		5	5
			Pyramidellidae	<i>Besla</i>		1						1				1	1
				<i>Eulimella</i>					1					1		1	1
				<i>Odostomia</i>			2						2			2	2
				<i>Turbonilla</i>		3	1		4			5	1	13		8	19
			Pyramidellidae		<i>sp. 6</i>				1					1		1	1
			Pyramidellidae undet.			8	9		9			8	9	9		26	26
			Rissoellidae	<i>Rissoella</i>	<i>flemingi</i>				1					1		1	1
				<i>Rissoella</i>	<i>micra</i>				1					1		1	1
				<i>Rissoella</i>	<i>rissoaformis</i>				1					1		1	1
				<i>Rissoella</i>			1		1				1	1		2	2
			Lepetellida	Anatomidae	<i>Anatoma</i>	4						6				4	6
				<i>Anatoma</i>		5						7				5	7
			Fissurellidae	<i>Emarginula</i>	<i>striatula</i>		1		2				1	2		3	3

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						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep		
				<i>Emarginula</i>		27	7		1			92	10		1			35	103
				<i>Puncturella</i>	<i>cf. analoga</i>	1						2						1	2
				<i>Puncturella</i>	<i>spirigera</i>	1						1						1	1
				<i>Puncturella</i>		2						3						2	3
			Haliotidae	<i>Haliotis</i>	<i>australis</i>	4	1					5	1					5	6
				<i>Haliotis</i>	<i>virginea</i>	8	8		13			8	8		13			29	29
				<i>Haliotis</i>	<i>huttoni</i>				4						80			4	80
				<i>Haliotis</i>	<i>virginea</i>														
				<i>Haliotis</i>	<i>stewartae</i>	8	3					25	11					11	36
			Lepetellidae	<i>Haliotis</i>		6	3				7	3						9	10
			Scissurellidae	<i>Lepetella</i>					1						1			1	1
				<i>Ariella</i>	<i>pauperata</i>	2	2		1			2	2		1			5	5
				<i>Scissurella</i>	<i>s</i>		3		1				6		1			4	7
				<i>Scissurella</i>	<i>fairchildi</i>	2	4					2	15					6	17
				<i>Scissurella</i>	<i>mantelli</i>	1						1						1	1
				<i>Scissurella</i>	<i>prendrevilli</i>														
				<i>Scissurella</i>	<i>ei</i>	1						5						1	5
				<i>Sinezona</i>	<i>iota</i>	2	1		2			2	1		2			5	5
				<i>Sinezona</i>	<i>laqueus</i>	8	3		2			8	3		2			13	13
				<i>Sinezona</i>	<i>levigata</i>	10	4		2			10	4		2			16	16
				<i>Sukashitrochus</i>	<i>lyallensis</i>	2	3		1			2	3		1			6	6
		Littorinimorpha	Anabathridae	<i>Anabathron</i>	<i>trailli</i>		1						1					1	1
				<i>Anabathron</i>					1						1			1	1
				<i>Pisinna</i>	<i>minor</i>		1		1				1		1			2	2
				<i>Pisinna</i>	<i>rekohuana</i>	1						1			1			1	1
				<i>Pisinna</i>	<i>sp. 30</i>		2						2					2	2
				<i>Pisinna</i>					1						1			1	1
			Caecidae	<i>Caecum</i>	<i>digitulum</i>	1						1						1	1
				<i>Caecum</i>	<i>koiti</i>		1		1				1		1			2	2
				<i>Caecum</i>					1						1			1	1
				<i>novaezelandiae</i>															
			Calyptraeidae	<i>Sigapatella</i>	<i>diae</i>		1		1				1		1			2	2
					<i>cavatocari</i>														
			Capulidae	<i>Trichosirius</i>	<i>natus</i>		1		1				1		1			2	2
				<i>Trichosirius</i>	<i>octocarina</i>														
				<i>Trichosirius</i>	<i>tus</i>				1				113		1			13	114
				<i>Trichosirius</i>		2	1					2	2					3	4
			Cassidae	<i>Galeodea</i>	<i>trigancae</i>		1		1				1		1			2	2

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			Cingulopsidae	<i>Eatonina</i>	<i>subflavescens</i>		2						2			2	2
				<i>Eatonina</i>	<i>winstoni</i>		1						1			1	1
				<i>Tubbreva</i>	<i>exaltata</i>	1	4		3			10	4	3		8	17
				<i>Tubbreva</i>	<i>exigua</i>	1	1					1	1			2	2
				<i>Tubbreva</i>	<i>hardyi</i>	1	1		1			1	1	1		3	3
				<i>Tubbreva</i>		1						1			1	1	1
			Eatoniellidae	<i>Eatoniella</i>	<i>dilatata</i>	5	2		1			5	2	1		8	8
				<i>Eatoniella</i>	<i>lampra</i>		4		1				4	1		5	5
				<i>Eatoniella</i>	<i>notalabia</i>		1		2				1	2		3	3
				<i>Eatoniella</i>	<i>notata</i>	1						1				1	1
				<i>Eatoniella</i>	<i>poutama</i>		1						1			1	1
				<i>Eatoniella</i>	<i>pullmitra</i>	5	6		1			5	6	1		12	12
				<i>Eatoniella</i>	<i>rakiura</i>		2						2			2	2
				<i>Eatoniella</i>	<i>roseola</i>	13	5		4			43	5	4		22	52
				<i>Eatoniella</i>	<i>verecunda</i>	2			3			2		3		5	5
				<i>Eatoniella</i>	<i>sp. 6</i>		1						1			1	1
				<i>Eatoniella</i>	<i>sp. 11</i>				1					1		1	1
				<i>Eatoniella</i>		3	3		2			3	3	2		8	8
				<i>Pupatonia</i>	<i>atoma</i>	2	2					2	2			4	4
				<i>Pupatonia</i>	<i>gracilispirata</i>								2			2	2
				<i>Pupatonia</i>	<i>minutula</i>		2						3			2	3
				<i>Pupatonia</i>	<i>pupinella</i>		1						1			1	1
				<i>Pupatonia</i>		1	4		5			1	4	5		10	10
			Eulimidae	<i>Balcis</i>		1						1				1	1
				<i>Melanella</i>	<i>aucklandica</i>	2						3				2	3
				<i>Melanella</i>		3						6				3	6
				<i>Pelseneeria</i>	<i>bountyensis</i>	1	1					1	1			2	2
			Eulimidae			1			1			1		1		2	2
			Hipponicidae	<i>Malluvium</i>	<i>calcareum</i>	2						2				2	2
			Lironobidae	<i>Attenuata</i>		2						2				2	2
			Littorinidae	<i>Laevilitorina</i>	<i>bifasciata</i>	2						160				2	160
			Naticidae	<i>Falsilunatia</i>	<i>ambigua</i>	11	2					44	57			13	101
				<i>Falsilunatia</i>	<i>powelli</i>	4	8		1			4	30	50		13	84
				<i>Falsilunatia</i>		3						6				3	6
				<i>Globisinum</i>	<i>drewi</i>		2						2			2	2
				<i>Tanea</i>	<i>zelandica</i>		7						9			7	9
				<i>Uberella</i>	<i>?vitrea</i>		1						1			1	1
				<i>Uberella</i>	<i>vitrea</i>	1	2		2			1	2	2		5	5
				<i>Uberella</i>		1						2				1	2

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			Naticidae		undet.	1	3		1			1	3	1			5	5
			Ranellidae	<i>Fusitriton</i>	<i>magellanicus</i>	30	3	3				44	5	3			36	52
				<i>Sassia</i>	<i>capillaceus</i>	1						1					1	1
				<i>Sassia</i>	<i>kampyla</i>	31	2					343	9				33	352
			Rastodontidae	<i>Rastodens</i>		1	1		1			1	1	1			3	3
			Rastodontidae		undet.		1						1				1	1
			Rissoidae	<i>Alvania</i>	<i>abrupta</i>	4			1			10			1		5	11
				<i>Alvania</i>	<i>bountyensis</i>	1						1	5				6	6
				<i>Alvania</i>	<i>excerta</i>	1			2			1			2		3	3
				<i>Alvania</i>	<i>maclurgi</i>	4	2					7	2		1		2	2
				<i>Merelina</i>	<i>foliata</i>	2	2		2			2	2		2		5	8
				<i>Merelina</i>	<i>?plaga</i>	1						1					1	1
				<i>Merelina</i>	<i>plaga</i>	13	6		2			21	6		2		21	29
				<i>Onoba</i>	<i>delli</i>	1						1					1	1
				<i>Onoba</i>	<i>insculpta</i>		1						1				1	1
				<i>Onoba</i>	<i>paucicostata</i>													
				<i>Onoba</i>	<i>ta</i>		1						6				1	6
				<i>Onoba</i>	<i>sorenseni</i>				1					3			1	3
				<i>Onoba</i>		11			11			22	1		11		23	34
				<i>Ovirissoa</i>	<i>sp. 8</i>	1	1					1	1				2	2
				<i>Powellisetia</i>	<i>gradata</i>	1	1					1	3				2	4
				<i>Powellisetia</i>	<i>retusa</i>	2	3					4	3				5	7
				<i>Powellisetia</i>	<i>tenuisculpta</i>													
				<i>Powellisetia</i>	<i>a</i>		3						6				3	6
				<i>Powellisetia</i>	<i>bountyensis</i>	2			1			2			1		3	3
				<i>Striatestea</i>	<i>s</i>		2						2				2	2
			Tornidae	<i>Scrupus</i>	<i>hyalinus</i>				1					1			1	1
			Zerotulidae	<i>Zerotula</i>	<i>bicarinata</i>	4			1			4			1		5	5
		Neogastropoda	Buccinidae	<i>Aeneator</i>	<i>recens</i>				1								1	3
				<i>Buccinulum</i>	<i>littorinoide</i>	1	1					1	1				2	2
				<i>Buccinulum</i>	<i>pertinax</i>	20	6		5			71	11		14		31	96
				<i>Cominella</i>	<i>nassoides</i>		16		2				28		2		18	30
				<i>Cominella</i>	<i>nassoides</i>													
				<i>Cominella</i>	<i>nodicincta</i>		17		2				126		21		19	147

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				<i>Cominella</i>	<i>sp. 1</i>	2						3				2	3
				<i>Cominella</i>		11	8					34	106			19	140
				<i>Pareuthria</i>	<i>campbelli</i>	2			4			2		10		6	12
				<i>Penion</i>	<i>s</i>	19	2					34	2			21	36
			Buccinidae undet.						1					2		1	2
			Buccinulidae	<i>Euthrenopsis</i>	<i>s</i>	1						1				1	1
			Cancellariidae	<i>Euthrenopsis</i>		12			2			55		2		14	57
				<i>Admete</i>		1						1				1	1
				<i>Zeadmete</i>	<i>ovalis</i>	1			1			1		1		2	2
			Columbellidae	<i>Macrozafra</i>	<i>s</i>	3						12				3	12
				<i>?Macrozafra</i>		3						13				3	13
				<i>Macrozafra</i>		16						113				16	113
				<i>Paxula</i>	<i>leptalea</i>				1					1		1	1
				<i>Paxula</i>	<i>murdochi</i>	5	1		1			5	1	1		7	7
				<i>Paxula</i>	<i>ica</i>	3	5					5	9			8	14
				<i>Paxula</i>	<i>transitans</i>	7	1					88	1			8	89
				<i>Paxula</i>		5	2					7	3			7	10
					<i>circumcincta</i>	4						4				4	4
				<i>Zemitrella</i>	<i>?rosea</i>	9	3					112	13			12	125
				<i>Zemitrella</i>	<i>rosea</i>	4	2		1			13	5	1		7	19
				<i>?Zemitrella</i>		5						8				5	8
			?Columbellidae	<i>Zemitrella</i>		8	2		2			13	2	2		12	17
			Columbellidae undet.			2						3				2	3
			Costellariidae	<i>n. gen.</i>	<i>sp. X</i>	2						2				2	2
			Costellariidae undet.			2						2				2	2
					<i>campbellensis</i>	3						5				3	5
			Drilliidae	<i>Splendrilla</i>						1						1	1
			Fasciariidae	<i>Microfulgur</i>		2						2				2	2
			Mangeliidae	<i>Antiguraleus</i>		1						1				1	1
				<i>Liracraea</i>		1	1		1			1	1	1		3	3
			Marginellidae	<i>Dentimargo</i>	<i>?lurida</i>	3						19				3	19
				<i>Dentimargo</i>	<i>lurida</i>	5	3					17	3			8	20

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
					<i>stewartiana</i>												
					<i>Dentimargo</i>				2				2			2	2
					<i>Dentimargo</i>				1				1			1	1
					<i>Marginella</i>	2										2	2
					<i>Volvarina</i>	1										1	2
					<i>Volvarina</i>		1									1	1
					<i>Volvarina</i>			1								1	1
				Marginellidae	undet.	1										1	10
				Mitridae	<i>Austromitra</i>	1										1	1
				Muricidae	<i>Axymene</i>												
					<i>auklandicus</i>	9	10		2							21	27
					<i>Comptella</i>	2	5		2							9	17
					<i>Comptella</i>	1	4									5	5
					<i>?Comptella</i>	2			1							3	18
					<i>Comptella</i>	6							1			6	33
					<i>Haustrum</i>		8		1							9	15
					<i>lacunosum</i>								12	3			
					<i>albolabrat</i>												
					<i>Trophon</i>		1									1	1
					<i>Xymene</i>	1	1									2	2
					<i>Xymene</i>	5	5									10	15
					<i>pulcherrimus</i>												
					<i>Zeatrophon</i>	1										1	1
					<i>Zeatrophon</i>		1									1	4
				Olividae	<i>Amalda</i>	12	2						4			14	44
					<i>Amalda</i>	1							14			1	6
					<i>problematica</i>	23	1	1								25	143
					<i>Metzgeria</i>	3							1	1		3	3
					<i>sp. 1</i>	1										1	1
				Raphitomidae	<i>Nepotilla</i>	1										1	1
					<i>Pleurotomella</i>	3										3	3
					<i>sp. 1</i>	1										1	1
				?Raphitomidae	<i>Stilla</i>	1										1	1
				Raphitomidae	undet.	1										1	1
					<i>Coluzea</i>				4							1	1
					<i>Coluzea</i>		1							6		4	6
					<i>expeditionis</i>								1			1	1
					<i>Exilia</i>	3										3	3
					<i>Fulgurofusus</i>	11	3									14	27
					<i>maxwelli</i>								8				
					<i>onokeana</i>												
					<i>vivens</i>	2	2	2								6	16
				Turridae	<i>Comitas</i>												
					<i>Comitas</i>	2	2	2								6	16

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
					<i>Leucosyrinx</i>	3						5				3	5
			?Turridae			1						1				1	1
			Turridae undet.			12	2					13	6			14	19
			Volutidae	<i>Alcithoe</i>	<i>flemingi</i>			3						8	3	8	
				<i>Alcithoe</i>			1						2		1	2	
				<i>Zygomelon</i>	<i>zodion</i>	1						1			1	1	
				<i>Zygomelon</i>		1						1			1	1	
			Volutomitridae	<i>Volutomitra</i>	<i>banksi</i>	7	2	1				9	9	2	10	20	
				<i>Volutomitra</i>			1						1		1	1	
			Pleurobranchidae	<i>Berthella</i>			1						1		1	1	
		Notaspidea															
		Nudibranchia															
			Aeoliidae												1	1	
			Dorididae												1	2	
		Nudibranchia undet.					6						6		6	6	
		Opisthobranchia															
		Patellogastropoda				1						1			1	1	
		(unassigned)	Lepetidae	<i>Maoricrater</i>		1	1	2				1	2	6	4	9	
			Lottiidae	<i>Actinoleuca</i>	<i>campbelli</i>	14	5	3				19	5	3	22	27	
				<i>Notoacmea</i>	<i>sturnus</i>			1						5	1	5	
				<i>Notoacmea</i>	<i>subantarctica</i>									1	1	1	
				<i>Notoacmea</i>				2						16	2	16	
			Lottiidae undet.					1						7	1	7	
			Nacellidae	<i>Cellana</i>	<i>oliveri</i>	19	3					572	76		22	648	
				<i>Cellana</i>	<i>strigilis</i>		2	8					2	171	10	173	
				<i>Nacella</i>	<i>terroris</i>			7						11	7	11	
		Patellogastropoda (unassigned)	Acmaeidae	<i>?Radiacmea</i>			1						1		1	1	
				<i>Radiacmea</i>			1						1		1	1	
		Pulmonata (unassigned)	Ellobiidae	<i>Marinula</i>	<i>striata</i>	3						26			3	26	
				<i>Kerguelenella</i>	<i>innominata</i>												
			Siphonariidae			6	2	1				52	10	18	9	80	
			Stiligeridae	<i>Placida</i>	<i>aoteana</i>			1						4	1	4	
		Sacoglossa	Calliotropidae	<i>Calliotropis</i>	<i>sp. 2</i>	4						4			4	4	
		Seguenziida		<i>?Calliotropis</i>		1	1					1	1		2	2	
				<i>Calliotropis</i>		6						36			6	36	

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens	
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage			Puysegur
					<i>capillaceus</i>	47			9			349		45			56	394
				<i>Cantharidus</i>	<i>Cantharidus</i>		1						1				1	1
				<i>Coelotrochus</i>	<i>chathamensis</i>	8	7		3			11	8	3			18	22
				<i>Micrelenchus</i>	<i>tenebrosus</i>				1					2			1	2
				<i>Roseaplagis</i>	<i>caelatus</i>	15	9					15	16				24	31
				<i>Roseaplagis</i>	<i>?mortense</i>	2						17					2	17
				<i>Roseaplagis</i>	<i>mortenseni</i>	22	12		2			190	110	5			36	305
				Trochidae	undet.	1						1					1	1
	Gastropoda undet.					36	8	2	11			176	20	2	11		57	209
	Polyplacophora	Chitonida	Acanthochitonidae			2	1					2	2				3	4
			Callochitonidae	<i>Callochiton</i>	<i>crocinus</i>	3			2			30		5			5	35
				<i>Callochiton</i>	<i>empleurus</i>				1					1			1	1
					<i>?neglectus</i>													
					<i>subantarcticus</i>									1			1	1
			Chitonidae	<i>Onithochiton</i>	<i>neglectus</i>													
				<i>Onithochiton</i>	<i>subantarcticus</i>	19	5		2			59	5	2			26	66
				<i>?Onithochiton</i>	<i>iculus</i>	1						1					1	1
				<i>Rhyssoplax</i>	<i>aerea</i>				2					2			2	2
				<i>?Rhyssoplax</i>		1						2					1	2
				<i>Rhyssoplax</i>					1					1			1	1
			Ischnochitonidae		<i>circumvallatus</i>	2	1		2			3	1	2			5	6
				<i>Ischnochiton</i>	<i>?luteoroseus</i>	3						4					3	4
				<i>Ischnochiton</i>	<i>luteoroseus</i>	1	2					1	2				3	3
				<i>Ischnochiton</i>					1					1			1	1
			Mopaliidae	<i>Plaxiphora</i>	<i>aurata</i>	14	5		3			20	6	7			22	33
			Leptochitonidae		<i>subantarcticus</i>												1	1
				<i>Leptochiton</i>	<i>iculus</i>				1					1			1	1
	Polyplacophora undet.					5	7		5			5	8	5			17	18

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage		
	Scaphopoda	Dentaliida	Dentaliidae	<i>Antalis</i>	<i>nana</i>				1							1	1
	Scaphopoda undet.					1	2		2			1	35	3		5	39
Mollusca undet.							1		1			1	1		2	2	
Nematoda						1										1	1
	Anopla Heteronemertea	Heteronemertea	Lineidae	<i>Micrura</i>	<i>pleuropoli</i>		1						2			1	2
Nemertea undet.						2	3		1			2	3	1		6	6
Platyhelminthes undet.	Turbellaria					1										1	1
Porifera	Calcarea	Clathrinida	Leucettidae	<i>Leucetta</i>	<i>n. sp. 3</i>				1					1		1	1
	Demospongiae	Leucosolenida	Leucosoleniidae	<i>Leucosolenia</i>	<i>n. sp. 2</i>		1						1			1	1
		Chondrosida	Chondrillidae	<i>Chondrosia</i>	<i>n. sp. 3</i>		1						3			1	3
		Dendroceratida	Darwinellidae	<i>Darwinella</i>	<i>oxeata</i>		1						1			1	1
			Dictyodendrillidae	<i>Spongionella</i>	<i>n. sp. 1</i>	2									35	2	35
		Dictyoceratida	Irciniidae	<i>Ircinia</i>	<i>cf. akaroa</i> <i>cf. aucklandensis</i>		1						4			1	4
				<i>Ircinia</i>	<i>cf. turrata</i>	2			3					3		3	3
				<i>Psammocinia</i>	<i>cf. n. sp. 1</i>										22	2	22
		Spongiidae		<i>Leiosella</i>	<i>levis</i>		1						2			1	2
				<i>Fasciospongia</i>	<i>cf. turgida</i>		1						1			1	1
		Hadromerida	Thorectidae	<i>Polymastia</i>	<i>n. sp. 10</i>		1						9			1	9
			Polymastiidae	<i>Protosuberites</i>	<i>n. sp. 1</i>								1			1	1
			Suberitidae	<i>Protosuberites</i>	<i>n. sp. 2</i>		1						3			1	3

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens	
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage			Puysegur
				<i>Pseudosuberites</i>	<i>n. sp. 4</i>			2									2	2
				<i>Suberites</i>	<i>affinis</i>			1									2	2
				<i>Suberites</i>	<i>cf. n. sp. 2</i>	1							1				1	20
			Trachycladidae	<i>Trachycladus</i>	<i>n. sp. 1</i>	1											1	20
				<i>Trachycladus</i>		1											1	1
		Halichondrida	Axinellidae	<i>Pararhaphoxya</i>	<i>pulchra</i>			3						5			3	5
				<i>Phakellia</i>	<i>n. sp. 1</i>	1											1	1
				<i>Phakellia</i>		1											1	1
			Dictyonellidae	<i>Acanthella</i>	<i>n. sp. 5</i>	1											1	15
			Halichondriidae	<i>Hymeniacion</i>	<i>agminata</i>				1						1		1	1
				<i>Hymeniacion</i>	<i>indistincta</i>	1		2									3	3
				<i>Topsentia</i>	<i>n. sp. 7</i>				1						1		1	1
		Haplosclerida	Callyspongiidae	<i>Callyspongia (Toxochalina)</i>	<i>difficilis</i>				1						1		1	1
				<i>Callyspongia (Callyspongia)</i>	<i>fistulosa</i>			1						1			1	1
				<i>Callyspongia (Callyspongia)</i>	<i>robusta</i>			1						10			1	10
				<i>Callyspongia (Callyspongia)</i>	<i>n. sp. 2</i>				2						6		2	6
				<i>Callyspongia (Callyspongia)</i>	<i>indet.</i>			1						1			1	1
				<i>Dactylia</i>	<i>varia</i>			1						2			1	2
				<i>Dactylia</i>	<i>n. sp. 3</i>			5		4				24		4	5	4
			Chalinidae	<i>Chalinula</i>	<i>densa</i>				1						1		1	1
				<i>Chalinula</i>	<i>n. sp. 1</i>			1						15			1	15
				<i>Haliclona</i>	<i>caminata</i>			1						3			1	3
				<i>Haliclona</i>	<i>n. sp. 21</i>			1						1			1	1
				<i>Haliclona (Adocia)</i>	<i>n. sp. 4</i>				1						1		1	1

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep
				<i>Haliclona</i>													
				<i>(Haliclona)</i>	<i>n. sp. 23</i>				2				2			2	2
				<i>Haliclona</i>	<i>cinerea</i>		1		1			1	5			2	6
				<i>(Reniera)</i>					1				2			1	2
				<i>Haliclona</i>													
				<i>(Soestella)</i>	<i>implexa</i>				3				7			3	7
			Petrosiidae	<i>Xestospongia</i>	<i>novaezealandiae</i>		2		1			5	1			3	6
		Poecilosclerida	Acanthidae	<i>Iophon</i>	<i>proximum</i>		2					6				2	6
				<i>Iophon</i>	<i>semispinosum</i>				1				1			1	1
			Chondropsidae	<i>Chondropsis</i>	<i>kirkii</i>				1				1			1	1
				<i>Chondropsis</i>	<i>cf. topsenti</i>				2				2			2	2
				<i>Chondropsis</i>	<i>n. sp. 9</i>		1					1				1	1
				<i>Chondropsis</i>	indet.		1					1				1	1
				<i>Psammoclea</i>	<i>cf. n. sp. 3</i>		1					1				1	1
				<i>Psammoclea</i>	<i>cf. n. sp. 8</i>				1				1			1	1
			Chondropsidae	<i>Psammoclea</i>	<i>n. sp. 8</i>				2				2			2	2
			indet.						1				1			1	1
			Coelosphaeridae	<i>Lissodendoryx</i>	<i>(Ectydoryx) n. sp. 1</i>			3					7			3	7
				<i>Lissodendoryx</i>	<i>(Ectydoryx) n. sp. 5</i>				1				1			1	1
				<i>Lissodendoryx</i>	<i>(Lissodendoryx) n. sp. 9</i>				1				1			1	1
			Crellidae	<i>Crella</i>	<i>incrustans</i>		1						1			1	1
			Desmacellidae	<i>Biemna</i>	<i>n. sp. 2</i>		1						9			1	9
				<i>Biemna</i>	<i>n. sp. 3</i>				1				1			1	1
			Hymedesmiidae	<i>Phorbas</i>	<i>n. sp. 3</i>				1				1			1	1
				<i>Phorbas</i>	<i>n. sp. 6</i>	1										1	1

Phylum	Class	Order	Family	Genus	Species	No. of lots					No. of specimens					Total No. of lots	Total No. of specimens	
						Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage			Puysegur
				<i>Phorbas</i>	<i>n. sp.</i>			1									1	1
			Latrunculiidae	<i>Latrunculia</i>	<i>kaikoura</i>	1											1	1
			Microcionidae	<i>Ophlitaspongia</i>	<i>n. sp. 2</i>	1											1	20
			Myxillidae	<i>Myxilla</i> (<i>Ectyomyxilla</i>)	<i>tornotata</i>				1				1				1	1
				<i>Myxilla</i> (<i>Ectyomyxilla</i>)	<i>cf. tornotata diversirhaphidiophora</i>				1				1				1	1
		Spirophorida	Tedaniidae	<i>Tedania</i>				1					1				1	1
		Spirophorida undet.	Tetillidae	<i>Tetilla</i>	<i>australis</i>	2											2	35
		Tetractinellida	Ancorinidae	<i>Jaspis</i>	<i>n. sp.</i>			4						7			4	7
				<i>Rhabdastrella</i>	<i>cf. phialimorpha</i>	1											1	1
				<i>Stelletta</i>	<i>ha</i>	1											1	10
				<i>Stelletta</i>	<i>n. sp. 1</i>	1											1	20
			Geodiidae	<i>Geodia</i>	<i>harpago</i>	1											1	1
			Pachastrellidae	<i>Characella</i>	<i>n. sp. 5</i>	1											1	15
				<i>Lamellomorpha</i>	<i>ha</i>			10		1				23		1	11	24
			Pachastrellidae undet.						1						1		1	1
			Vulcanellidae	<i>Poecillastra</i>	<i>laminaris</i>	3				1					1		4	24
				<i>Poecillastra</i>	<i>n. sp. 3</i>	1									1		1	20
		Tetractinellida undet.				2											2	2
	Demospongiae undet.					1											1	1
	Hexactinellida	Lyssacosida	Euplectellidae	<i>Euplectella</i>	<i>imperialis</i>	3											3	3
				<i>Crateromorpha</i>	<i>ha</i>	1											1	1
			Rossellidae	<i>Megahexas</i>	<i>amenoneos</i>	1											1	1
				<i>Rossella</i>	<i>antarctica</i>	2											2	2

						No. of lots							No. of specimens	Total No. of lots	Total No. of specimens				
Phylum	Class	Order	Family	Genus	Species	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	Antipodes Transect	Bounty Heritage	Campbell East	Campbell Heritage	Puysegur	Sub-Antarctic Deep	All subantarctic BPAs	All subantarctic BPAs
						73	24	3	14			122	28	3	14			114	167
						1	3		1			1	3		1			5	5
						2736	1297	87	819	1	15	17014	4914	190	2402	1	46	4955	24567

APPENDIX D

SCA species composition, summarising the number of lots and number of specimens per seamount. Arranged alphabetically by phylum. Undet - not determined, indet. – not able to be determined further, cf. - compare with, n.sp. – new species, ? - uncertain identification.

Western region

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total no. of lots	Total no. specimens					
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount			Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	
Annelida	Polychaeta	Amphinomida	Amphinomidae		sp. A		1						1		1	1				
			Eunicida	Eunicidae	<i>Eunice</i>	sp. A		1							1		1	1		
					<i>Eunice</i>	sp. B		1								1		1	1	
			Phyllodocida	Polynoidae	<i>Euphione</i>	<i>squamosa</i> <i>?macrolepidota</i>	sp. A		2			1			2			1	3	3
								<i>Harmothoe</i>		1									5	
					Harmothoinae (subfam.)				1						1			1	1	
					Polynoidae			sp. A		1					1			1	1	
					Polynoidae			sp. B		1					1			1	1	
					Polynoidae			sp. C		5					9			5	9	
					Polynoidae undet.				2			1			2		1	3	3	
					Syllidae			sp. C		1					1			1	1	
					Sabellida	Serpulidae		sp. A		2					4			2	4	
				Serpulidae			sp. B		1						1			1	1	
					Sabellida undet.	Serpulidae undet.			2						2			2	2	
												1				1		1	1	
						Siboglinidae			1						1			1	1	
					Scolecida	Maldanidae			1			1			1		1	2	2	
		Scalibregmatidae		<i>Travisia</i> <i>Spiochaetopterus</i>				1					1			1	1			
		Spionida	Chaetopteridae				4					24			4	24				
		Terebellida	Ampharetidae			1						1			1	1				

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
			Terebellidae		sp. A		1						1				1	1	
			Terebellidae		sp. C		1						1				1	1	
			Terebellidae undet.			2	2								2		6	7	
	Polychaeta	undet.				2									2		2	2	
Arthropoda	Branchiopoda					1											1	1	
	Malacostraca																		
		Amphipoda	Ingolfiellidae	<i>Ingolfiella</i>	<i>challengeri</i>	1											1	3	
			Oxycephalidae	<i>Streetsia</i>		1											1	1	
		Decapoda	Benthescymidae	<i>Benthescymus</i>	<i>cereus flindersi</i>					2				3			2	3	
			Chirostylidae	<i>Uroptychus</i>			1								1		1	1	
				<i>Uroptychus</i>	<i>maori</i>				1							2	1	2	
				<i>Uroptychus</i>	n. sp. 9		1								1		1	1	
				<i>Uroptychus</i>	n. sp. 13		1								1		1	1	
			Phylladorhynchidae	<i>Phylladorhynchus</i>			1								2		1	2	
			Glyphocrangonidae	<i>Glyphocrangon</i>		1									1		1	1	
			Goneplacidae	<i>Neopilumnopsis</i>	<i>nieli</i>		4								8		4	8	
			Homolodromiidae	<i>Dicranodromia</i>	<i>spinulata</i>		1								1		1	1	
			Inachidae	<i>Cyrtomaia</i>			1								1		1	1	
				<i>Dorhynchus</i>	<i>ramusculus</i>		2								2		2	2	
			Majidae	<i>Platymaia</i>	<i>maoria</i>	1	3								1	4	4	5	
				<i>Platymaia</i>		1									1		1	1	
				<i>Vitjazmaia</i>	<i>latidactyla</i>	1									1		1	1	
			Munididae	<i>Agononida</i>	<i>marini</i>		1								1		1	1	
				<i>Agononida</i>	<i>nielbrucei</i>		4								14		4	14	
				<i>Agononida</i>	<i>procerata</i>				2					2			2	2	
				<i>Bathymunida</i>	n. sp. 1		1								1		1	1	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
				<i>Munida</i>	<i>micropus</i>		2											2	3
			Munidopsidae	<i>Leiogalatea</i>			5											5	8
			Nematocarcinidae	<i>Munidopsis</i>	<i>treis holthuisi</i>		1											1	2
			Paguridae	<i>Lipkiaus</i>	<i>si</i>	1						1						1	1
			Paguridae undet.	<i>Porcellanopagurus</i>	<i>filholi</i>		1											1	1
			Palicidae	<i>Pseudopalicus</i>	<i>undulatus</i>	1	1					1	1					2	2
			Parapaguridae	<i>Sympagurus</i>	sp. 2		1						3					1	3
				<i>Sympagurus</i>	sp. 3		1						2					1	2
			Portunidae	<i>Ovalipes</i>	<i>molleri</i>		2						7					2	7
			Solenoceridae	<i>Solenocera</i>			2						4					2	4
			Solenoceridae undet.				1						4					1	4
		Decapoda undet.				4	3		2	3		4	7		7	3		12	21
		Euphausiacea				1						1						1	1
		Isopoda	Aegidae	<i>Aegapheles</i>	<i>rickbruscai</i>		1						1					1	1
				<i>Aegiochus</i>	<i>riwha politus</i>	3						3						3	3
			Crinoniscidae	<i>Crinoniscus</i>	<i>ummus</i>		1						1					1	1
			Hemioniscidae	<i>Scalpelloniscus</i>	<i>vomicus</i>		6						7					6	7
				<i>Scalpelloniscus</i>			2						3					2	3
		Isopoda undet.				1						1						1	1
	Maxillopoda	Pedunculata	Heteralepadidae	<i>Paralepas</i>			1						2					1	2
			Lepadidae	<i>Conchoderma</i>	<i>virgatum</i>			1						1				1	1
			Poecilasmatidae	<i>Megalasma</i>	<i>striatum</i>		1											1	1
				<i>Megalasma</i>			1						8					1	8
				<i>Megalasma</i>			1						3					1	3
				<i>Poecilasma</i>	<i>kaempferi</i>		1						1					1	1

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
		Sessilia	Scalpellidae	<i>Amigdoscalpellum</i>	<i>vitreum</i>		1										1	1	
			Pachylasmatidae	<i>Bathylasma</i>	<i>alearum</i>	2						2					2	2	
			Pachylasmatidae undet.				1						3				1	3	
	Maxillopoda undet.		Verrucidae	<i>Verruca</i>			2						3				2	3	
	Pycnogonida	Pantopoda	Callipallenidae			3	1					3	1				4	4	
	Pycnogonida undet.							1	1					2	3		2	5	
Brachiopoda	Articulata	Terebratulida	Platidiidae	<i>Platidia</i>	<i>anomioides</i>		2						3				2	3	
Brachiopoda undet.	Inarticulata	Craniida	Craniidae	<i>Novocrania</i>	<i>huttoni</i>		2						3				2	3	
							4						7				4	7	
Bryozoa	Gymnolaimata	Cheilostomata	Antroporidae	<i>Antropora</i>	n. sp.		2						2				2	2	
			Arachnopusiidae	<i>Arachnopusia</i>	<i>perforata</i>		2						2				2	2	
				<i>Arachnopusia</i>			1						1				1	1	
			Aspidostomatidae	<i>Crateropora</i>	n. sp.		1						4				1	4	
			Beaniidae	<i>Beania</i>	n. sp.		1						1				1	1	
			Bitectiporidae	<i>Bitectipora</i>			1						1				1	1	
				<i>Hippothyris</i>	n. sp.		1						4				1	4	
				<i>Metroperiella</i>	n. sp.		3						5				3	5	
				<i>Parkermavella</i>	n. sp.		1						1				1	1	
			Buffonellodidae				1						1				1	1	
			Bugulidae	<i>Bugulella</i>	<i>gracilis</i>		1						1				1	1	
				<i>Camptoplites</i>			1						4				1	4	
				<i>Cornucopina</i>	n. sp.		2						2				2	2	
				<i>Semidendrobia</i>	n. sp.		1						34				1	34	
			Calloporidae	<i>Amphiblestrum</i>	<i>vitreum</i>		1						1				1	1	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
				<i>Caudacorbula</i>	<i>multispina</i>		3											3	5
				<i>Cavalliella</i>			1											1	1
				<i>Corbulella</i>	<i>translucens</i>		1											1	1
				<i>Ellisina</i>	n. sp. (bat)		2											2	2
				<i>Ellisina</i>	n. sp. (uni)	1	2				1	2						3	3
				<i>Ellisina</i>	<i>concordia</i>		1					1						1	1
				<i>Judyella</i>	<i>corona</i>		1					1						1	1
				<i>Judyella</i>	<i>corona</i>		4					4						4	4
				<i>Megapora</i>	n. sp.		1					1						1	1
				<i>Megapora</i>			2					3						2	3
				<i>Niwapora</i>	<i>grandis</i>		1					1						1	1
				<i>Platypyxis</i>	<i>peloria</i>		4					4						4	4
				<i>Platypyxis</i>	<i>titan</i>		1					1						1	1
				<i>Valdemunitella</i>	<i>uniserialis</i>		1					1						1	1
			Calloporidae undet.				5					11						5	11
			Candidae	<i>Amastigia</i>	n. sp.		1					1						1	1
				<i>Caberea</i>	<i>enzoi</i>		3					15						3	15
				<i>Caberea</i>	<i>glabra obliquidens</i>		2					4						2	4
				<i>Notoplites</i>			1					1						1	1
				<i>Notoplites</i>	n. sp.		1					1						1	1
				<i>Notoplites</i>	<i>Talivittaticella</i>		1					1						1	1
			Catenicellidae	<i>Stomhypselos</i>	<i>dupliforaria</i>		1					1						1	1
			Cellariidae				1					2						1	2
			Celleporidae	<i>Buffonellaria</i>	n. sp. <i>brevissimus</i>		1					2						1	2
				<i>Galeopsis</i>			1					4						1	4
				<i>Galeopsis</i>	n. sp.		1					6						1	6

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
				<i>Galeopsis</i>	<i>ferocissima</i>		1											1	1
				<i>Lagenipora</i>	<i>ima</i>		1											1	1
				<i>Lagenipora</i>	<i>laevis</i>		1											1	1
				<i>Lagenipora</i>	n. sp.		2											2	2
				<i>Osthimosia</i>	n. sp.		1											1	1
				<i>Osthimosia</i>			1											1	3
				<i>Ramicellepora</i>	<i>ramosa incomposita</i>		1											1	1
				<i>Richbunea</i>	<i>osita</i>		1											1	6
				<i>Richbunea</i>			1											1	2
			Celleporidae undet.		<i>multispinosa</i>		1											1	2
			Chaperiidae	<i>Chaperia</i>	<i>arcella</i>		2											2	3
				<i>Chaperiopsis</i>	<i>arcella</i>		1											1	1
			Cleidochasmatae	<i>Yrbozoon</i>	n. sp.		3											3	4
			Cribrilinidae	<i>Cribrilaria</i>	n. sp.		3											3	3
				<i>Cribrilaria</i>	<i>pelmatifera</i>		1											1	1
			Family Incertae sedis (Cheilostomata)	<i>Figularia</i>	<i>fera</i>		1											1	1
				<i>Elementaria</i>	<i>catella secunda</i>		1											1	1
				<i>Elementaria</i>	<i>a</i>		1											1	1
			Flustridae	<i>Chartella</i>	n. sp. <i>flagellum</i>		2											2	5
			Hippothoidae	<i>Hippothoa</i>	<i>m</i>		2											2	2
				<i>Hippothoa</i>	<i>Cheilonellops</i>		2											2	2
			Lacernidae	<i>is</i>	<i>inflata terranova</i>		1											1	2
				<i>Nimba</i>	<i>vae</i>		2											2	2
				<i>Nimba</i>	n. sp.		1											1	1
				<i>Nimba</i>			2											2	5

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll		
					<i>Smittoidea zelandiae</i>		1										1	1	
					<i>Thrypticocirrus</i> n. sp.		3										3	8	
	Stenolaemata	Cyclostomata	Annectocymidae	<i>Entalophorecia</i>	n. sp.		1										1	1	
				<i>Entalophorecia</i>			5										5	6	
			Diaperoeciidae	<i>Diaperoecia</i>	<i>brevicaulex</i>		1										1	1	
				<i>Diaperoecia</i>	n. sp.		3										3	6	
			Diastoporidae	<i>Eurystrotos</i>	n. sp. (pl)		1										1	1	
				<i>Eurystrotos</i>	n. sp. <i>brevicaudex</i>		4										4	11	
			Frondiporidae	<i>Filifascigera</i>			2										2	2	
			Horneridae	<i>Hornera</i>	n. sp.		3										3	4	
			Horneridae	n. gen.			1										1	1	
			Lichenoporidae	<i>Disporella</i>	<i>minicamera</i> cf. <i>sacculus</i>		1										1	1	
				<i>Disporella</i>	<i>sacculus</i>		1										1	2	
				<i>Disporella</i>	n. sp.		1										1	1	
				<i>Disporella</i>			1										1	2	
			Oncousoeciidae	<i>Stomatopora</i>			1										1	5	
			Theonoidae	<i>Supercytis</i>			1										1	3	
			Tubuliporidae	<i>Idmidronea</i>	n. sp.		2										2	4	
				<i>Idmidronea</i>			1										1	1	
Bryozoa undet.						2	2										4	4	
Cnidaria	Anthozoa	Actiniaria	Actinostolidae				1										1	1	
			Hormathiidae				1										1	2	
		Actiniaria			sp. 3		2										2	2	
		Actiniaria undet.				1				1					1		2	2	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
		Alcyonacea	Acanthogorgiidae	<i>Acanthogorgia</i>	sp. 1	2	5					2	5				7	7	
			Chrysogorgiidae	<i>Chrysogorgia</i>		2						2					2	2	
				<i>Isidoidea</i>			1						1				1	1	
			Isididae	<i>Acanella</i>					1						1		1	1	
				<i>Keratoisis</i>	<i>glaesazelandica</i>		6						6				6	6	
				<i>Keratoisis</i>	<i>ca</i>				1						1		1	1	
				<i>Keratoisis</i>	sp. 1		2						2				2	2	
				<i>Keratoisis</i>	sp. 3		1						1				1	1	
				<i>Keratoisis</i>	sp. 7		1						1				1	1	
				<i>Keratoisis</i>	sp. 13 <i>solitaria</i>		1						1				1	1	
				<i>Lepidisis</i>	<i>a</i>		2						2				2	2	
				<i>Lepidisis</i>	sp. 2		2						2				2	2	
				<i>Lepidisis</i>	sp. 3		2						2				2	2	
				<i>Lepidisis</i>	sp. 4		1						1				1	1	
				<i>Lepidisis</i>	sp. 5		1						1				1	1	
				<i>Lepidisis</i>	sp. 7		1						1				1	1	
				<i>Lepidisis</i>					1						1		1	1	
				<i>Minuisis</i>	sp. 2		1						3				1	3	
				<i>Minuisis</i>			2						2				2	2	
			Plexauridae	<i>Bebryce</i>			2						4				2	4	
				<i>Paracis</i>					3						3		3	3	
			Plexauridae undet.				1						1				1	1	
			Primnoidae	<i>Calyptrophora</i>	<i>clinata</i>		7						7				7	7	
				<i>Calyptrophora</i>	<i>cucullata</i>				1						2		1	2	
				<i>Calyptrophora</i>	<i>diaphana</i>				1						1		1	1	
				<i>Calyptrophora</i>	<i>inornata</i>								3				3	3	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
					<i>helminthophora</i>														
				<i>Candidella</i>	<i>hypsocalyx</i>		1											1	1
				<i>Narella</i>	<i>studeri</i>	1	10					1	11					11	12
				<i>Narella</i>	<i>vulgari</i>			1					1					1	1
				<i>Narella</i>	<i>sp. 10</i>			13					13					13	13
				<i>Narella</i>	<i>sp. 10</i>			1					1					1	1
				<i>Primnoella</i>	<i>distans</i>			2					2					2	2
				<i>Thouarella</i>	<i>sp. 4</i>			1					1					1	1
				<i>Thouarella</i>	<i>sp. 5</i>			1					1					1	1
				<i>Thouarella</i>				2					2					2	2
			Primnoidae undet.					1					1					1	1
		Alcyonacea undet.																1	1
		Gorgonacea undet.					1											1	1
																		1	1
		Antipatharia	Cladopathidae	<i>Sibopathes</i>				1					1					1	1
			Leiopathidae	<i>Leiopathes</i>	<i>secunda</i>			2					2					2	2
			Schizopathidae	<i>Bathypathes</i>	<i>alterna</i>			1					1					1	1
				<i>Dendropathes</i>	<i>intermedia</i>			1					1					1	1
				<i>Parantipathes</i>				1					1					2	2
				<i>Saropathes</i>				1					1					1	1
					cf. <i>columnaris</i>														
			Stylopathidae	<i>Stylopathes</i>	<i>columnaris</i>			2					2					2	2
				<i>Stylopathes</i>	<i>tenuispina</i>			1					1					1	1
				<i>Stylopathes</i>				1					1					1	1
		Pennatulacea																1	1
			Caryophylliida		<i>recidivus</i>						1							1	1
		Scleractinia		<i>Aulocyathus</i>			1	2					1	2				3	3

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll		
					<i>diomedea</i>		1										1	1	
					<i>brunnea</i>														
					<i>Conotrochus</i>			2									2	5	
					<i>Desmophyllum</i>												1	1	
					<i>Goniocorella</i>			1									1	1	
					<i>dumosa</i>												3	3	
					<i>variabilis</i>												3	3	
					<i>Solenosmilia</i>		3										3	3	
					<i>Tethocyathus</i>			1									1	1	
			Caryophylliidae undet.		<i>cepulla</i>												1	1	
			Dendrophylliidae		<i>Balanophyllia</i>		1										2	2	
					<i>a</i>			2									2	54	
					<i>Eguchipsamia</i>												2	8	
					<i>fistulata</i>			3									3	8	
					<i>japonica</i>			1									1	1	
					<i>Enallopsammia</i>												1	1	
					<i>rostrata</i>			1		2							3	7	
			Flabellidae		<i>Flabellum</i>												2	5	
					<i>lowekei</i>			2									2	5	
					<i>Flabellum</i>		1										1	2	
					<i>Flabellum</i>		1										1	5	
					<i>pachyheca</i>												1	1	
					<i>Javania</i>			1									1	1	
					<i>Javania</i>			1									1	1	
					<i>Polymyces</i>			4									4	6	
					<i>wellsi</i>												4	6	
			Guyniidae		<i>Stenocyathus</i>			6									6	9	
					<i>Stenocyathus</i>												6	9	
			Oculinidae		<i>Madrepora</i>			2									2	2	
					<i>Oculina</i>			2									2	12	
			Scleractinia undet.		<i>paguri</i>		3								1		4	4	
					<i>philus</i>												1	1	
			Zoantharia	Epizoanthidae	<i>Epizoanthus</i>			1									1	1	
			Anthozoa undet.		<i>anthohelia</i>		1										1	1	
			Hydrozoa	Anthoathecata	Stylasteridae	<i>Conopora</i>											3	3	
						<i>Conopora</i>											2	2	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamo unt	Cavalli Seamo unt	Seam ount 140	Seam ount 148	Seam ount 447	Telec om Knoll	Aotea Seamo unt	Cavalli Seamo unt	Seam ount 140	Seam ount 148	Seam ount 447	Telec om Knoll		
				<i>Conopora</i>	<i>laevis</i> cf. <i>verruco</i> <i>sa</i>		2										2	2	
				<i>Conopora</i>	<i>sa</i> <i>verruco</i> <i>sa</i>		1										1	1	
				<i>Conopora</i>	<i>sa</i>		2			1				2			3	4	
				<i>Crypthelia</i>	<i>fragilis</i>		1							1			1	1	
				<i>Crypthelia</i>			1							1			1	1	
				<i>Inferiolabiata</i>	cf. <i>dendro</i> <i>stylus</i>				1					4			1	4	
				<i>Lepidopora</i>	<i>stylus</i> <i>dendro</i> <i>stylus</i>		3							3			3	3	
				<i>Lepidopora</i>	<i>stylus</i> <i>microst</i> <i>ylus</i>		1							1			1	1	
				<i>Lepidopora</i>	<i>sarmen</i> <i>tosa</i>		2							2			2	2	
				<i>Lepidopora</i>	cf. <i>fascicul</i> <i>aris</i>		1							1			1	1	
				<i>Lepidotheca</i>	cf. <i>eguchii</i>		4							4			4	4	
				<i>Stylaster</i>	sp. 1		3							3			3	3	
				Stylasteridae	sp. 2		1							1			1	1	
				Stylasteridae			2							2			2	2	
		Leptothecata	Aglaopheniidae	<i>Aglaophenia</i>	<i>ctenata</i>		3							4			3	4	
				<i>Lytocarpia</i>	<i>ctenata</i>		1							1			1	1	
				<i>Lytocarpia</i>	<i>spiralis</i>		1							1			1	1	
				<i>Lytocarpia</i>			2							2			2	2	
				Haleciidae	<i>Halecium</i> <i>sessile</i>		2							2			2	2	
				Lafoeidae	<i>Acryptolaria</i> <i>gracilis</i> <i>serratu</i> <i>m</i>		1							1			1	1	
					<i>Filellum</i> <i>sibogae</i>		2							3			2	3	
					<i>Zygophylax</i> <i>sibogae</i>		1							1			1	1	
				Lovenellidae	<i>Lovenella</i>		2							2			2	2	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll		
			Phialellidae	<i>Stegolaria</i>	<i>operculata</i>		2						6				2	6	
			Sertulariidae	<i>Gigantotheca</i>	<i>arai</i>		1						1				1	1	
	Hydrozoa	undet.				1							1				1	1	
Echinodermata	Asteroidea	Forcipulatida	Asteriidae		<i>carinatus</i>		2						5				2	5	
			Zoroasteridae	<i>Zoroaster</i>			2						2				2	2	
		Forcipulatida				4				2			4		2		6	6	
		Notomyotida	Benthopectinidae	<i>Cheiraster</i>			1						1				1	1	
				<i>Pectinaster</i>	<i>mimicus</i>					1					4		1	4	
		Paxillosida	Astropectinidae	<i>Astropecten</i>	<i>dubiosus</i>		2						2				2	2	
			Astropectinidae						1						1		1	1	
			Benthopectinidae	<i>Benthopecten</i>						1					1		1	1	
				<i>Pectinaster</i>						2					2		2	2	
		Valvatida	Goniasteridae	<i>Ceramaster</i>	sp. A	2							2				2	2	
				<i>Mediaster</i>	<i>arcuatus</i>	1							1				1	1	
				<i>Sphaeriodiscus</i>	<i>maui</i>	1							1				1	1	
			Goniasteridae							1					2		1	2	
			Odontasteridae	<i>Hoplaster</i>	<i>kupe</i>					2					2		2	2	
		Velatida	Pterasteridae	<i>Pteraster</i>	<i>obesus</i>		1						1				1	1	
				<i>Thaumatometra</i>	<i>alternata</i>								1				1	1	
	Crinoidea	Articulata	Antedonidae				1						1				1	1	
			Antedonidae				1						1				1	1	
			Charitometridae	<i>Glyptometra</i>	<i>inaequialis</i>	1							4				1	4	
			Zenometridae	<i>Sarametra</i>		1							1				1	1	
		Articulata					1						1				1	1	
		undet.																	
	Echinoidea	Camarodont	Echinidae	<i>Dermechinus</i>	<i>horridus</i>				1						4		1	4	
				<i>Gracilechinus</i>	<i>multidentatus</i>		2		1	3			3		1	7	6	11	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
			Echinidae		undet.	2						2					2	2	
			Echinometridae	<i>Evechinus</i>	<i>chloroticus</i>	1						1					1	1	
				<i>Heliocidaris</i>	<i>gramma</i>	1						1					1	1	
		Cidaroida	Cidaridae	<i>Goniocidaris</i>					1					1			1	1	
				<i>Histocidaris</i>	<i>australiae</i>				3					7			3	7	
				<i>Histocidaris</i>			2					2					2	2	
				<i>Stereocidaris</i>			4		1			11		2			5	13	
			Cidaridae		undet.				1					1			1	1	
		Clypeasteroidea	Fibulariidae	<i>Echinocyamus</i>			1						1				1	1	
		Diadematoidea	Aspidodiadematidae	<i>Aspidodiadema</i>	<i>tonsum</i>		5		1				9		15		6	24	
		Echinothurioida	Echinothuriidae	<i>Hygrosoma</i>	<i>luculentum</i>				1					1			1	1	
		Holasteroidea	Urechinidae	<i>Urechinus</i>	<i>aoteanus</i>	2						3					2	3	
		Pedinoida	Pedinidae	<i>Caenopedina</i>	<i>hawaiiensis</i>				1						2		1	2	
				<i>Caenopedina</i>	<i>pulchella</i>		1						1				1	1	
				<i>Caenopedina</i>			2						2				2	2	
		Salenioida	Saleniidae	<i>Salenocidaris</i>	<i>hastigera</i>		3						5				3	5	
		Spatangoida								1							1	1	
	Echinoidea	undet.				4	2			1		4	2			1	7	7	
	Holothuroidea	Dendrochiroidea	Cucumariidae	<i>Amphicyclus</i>	<i>thomsoni</i>		3						4				3	4	
	Holothuroidea	undet.				1						1					1	1	
	Ophiuroidea	Euryalida	Asteroschematidae	<i>Asteroschema</i>	<i>bidwillae</i>		5		1				194		18		6	212	
				<i>Asteroschema</i>	<i>wrighti</i>		1						1				1	1	
				<i>Ophiocreas</i>	<i>caudatus</i>		1						3				1	3	
			Gorgonocephalidae	<i>Astrothorax</i>	<i>waitei</i>		1						1				1	1	
		Ophiurida	Amphiuridae	<i>Amphiura</i>		1						1					1	1	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll		
			Amphiuridae		undet.												1	1	
			Ophiacanthidae	<i>Ophiacantha</i>	cf. <i>cornuta</i>		1											1	1
				<i>Ophiacantha</i>	<i>fuscina</i>	1	1					5	14					2	19
				<i>Ophiacantha</i>	<i>otagoensis</i>		1						1					1	1
				<i>Ophiacantha</i>	<i>pentagona</i>	2						2						2	2
				<i>Ophiacantha</i>	cf. <i>rosea</i>		1						2					1	2
				<i>Ophiacantha</i>	? <i>rosea</i>	1						2						1	2
				<i>Ophiacantha</i>	<i>rosea</i>	1	4					3	10					5	13
				<i>Ophiacantha</i>	<i>vepratitaca</i>		4						9					4	9
				<i>Ophiacantha</i>	n. sp. cf. <i>rosea</i>		1						5					1	5
				<i>Ophiacantha</i>		1	6					1	12					7	13
				<i>Ophiocamax</i>			1						1					1	1
				<i>Ophiolebes</i>			2						2					2	2
				<i>Ophiolimna</i>	<i>perfida</i>	1						1						1	1
				<i>Ophiomitrella</i>	<i>mensa</i>		1						1					1	1
				<i>Ophiomoeris</i>	<i>nodosa</i>		2						2					2	2
				<i>Ophiomoeris</i>	<i>obstricta</i>		1						1					1	1
				<i>Ophiomoeris</i>			2						2					2	2
				<i>Ophiophthalmus</i>	<i>relictus</i>	2						7						2	7
				<i>Ophioplinthaca</i>	<i>plicata</i>	1						3						1	3
				<i>Ophioplinthaca</i>			1						1					1	1
			Ophiacanthidae		undet.		1						1					1	1
			Ophiactidae	<i>Ophiactis</i>	<i>abyssicola</i>	1	11					4	40					12	44
				<i>Ophiactis</i>			1						1					1	1
			Ophiactidae		undet.		1						1					1	1

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll		
			Ophiocitonidae	<i>Ophiociton</i>	<i>lentus</i>		5						7				5	7	
				<i>Ophioplax</i>	<i>lamellosa</i>		5						8				5	8	
			Ophiolepididae	<i>Ophiomusium</i>	<i>lymani</i>						4				10		4	10	
				<i>Ophiomusium</i>	<i>scalare</i>		3						4				3	4	
				<i>Ophiosphalma</i>	<i>depressa</i>		1						1				1	1	
				<i>Ophiozonella</i>	<i>depressa</i>				1						1		1	1	
				<i>Ophiozonoida</i>	<i>picta</i>		1						1				1	1	
			Ophiomyxidae	<i>Ophiomyxa</i>	<i>aristulata</i>	1	6					1	12				7	13	
			Ophiotrichidae	<i>Ophiothrix</i>	<i>ta</i>		4						15				4	15	
			Ophiuridae	<i>Amphiophiura</i>	<i>bakeri</i>				1						2		1	2	
				<i>Amphiophiura</i>	<i>improbata</i>				1						2		1	2	
				<i>Amphiophiura</i>	<i>insolita</i>		2						2				2	2	
				<i>Amphiophiura</i>	<i>laudata</i>		1						1				1	1	
				<i>Astrophiura</i>	<i>brevispinum</i>	1						1					1	1	
				<i>Ophioleuce</i>	<i>innum</i>	3						3					3	3	
				<i>Ophiura</i>	<i>irrorata</i>		2						2				2	2	
				<i>Ophiura</i>	cf. <i>rugosa</i>		3						8				3	8	
				<i>Ophiura</i>	<i>micracantha</i>		1						1				1	1	
				<i>Stegophiura</i>	<i>lapidaria</i>	4			1			12		8			5	20	
	Asterozoa (subclass) undet.					2					2				2		4	4	
Echinodermata undet.							1						3				1	3	
Foraminifera	Xenophyophorida		Psamminidae	<i>Reticulammina</i>	<i>novaezealandica</i>	2											2	2	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
			Epitoniidae	<i>Janthina</i>	<i>umbilicata</i>		1										1	1	
			Epitoniidae undet.				4										4	4	
			Newtoniellidae	<i>Ataxocerithium</i>			3										3	3	
			Newtoniellidae undet.	<i>Triforis</i>			1										1	1	
			Newtoniellidae undet.				4										4	4	
			Nystiellidae	<i>Iphitus</i>	<i>neozelanicus</i>		1										1	1	
			Nystiellidae undet.	<i>Iphitus</i>		1	3				1	3					4	4	
			Nystiellidae undet.	<i>Murdochella</i>			2					2					2	2	
			Triphoridae				6					6					6	6	
		Cephalaspidea	Turritellidae	<i>Colpospira</i>	sp. 1		1					1					1	1	
			Cylichnidae				2					2					2	2	
			Philinidae	<i>Philine</i>			1					1					1	1	
		Heterobranchia (unassigned)	Acteonidae				1					1					1	1	
			Architectonicidae				2					2					2	2	
			Mathildidae	<i>Brookesena</i>			2					2					2	2	
			Mathildidae	<i>Mathilda</i>			1					1					1	1	
			Mathildidae	<i>Tuba</i>	<i>fuscocincta</i>		1					1					1	1	
			Mathildidae	<i>Tuba</i>	<i>valkyrie</i>		1					1					1	1	
			Mathildidae	<i>Tuba</i>			1					1					1	1	
			Pyramidellidae	<i>Turbonilla</i>			1					1					1	1	
			Pyramidellidae undet.				8					8					8	8	
		Lepetellida	Anatomidae	<i>Anatoma</i>	<i>finlayi</i>		2					2					2	2	
			Anatomidae	<i>Anatoma</i>	<i>flemingi</i>		1					1					1	1	
			Anatomidae	<i>Anatoma</i>			1					1					1	1	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
			Choristellidae	<i>Bichoristes</i>		3						3					3	3	
				<i>Choristella</i>		1						1					1	1	
			Fissurellidae	<i>Cranopsis</i>		1						1					1	1	
				<i>Emarginula</i>		2						2					2	2	
				<i>Puncturella</i>		1						1					1	1	
				<i>Zeidora</i>		1						1					1	1	
			Fissurellidae undet.			2						2					2	2	
			Lepetellidae	<i>Lepetella</i>		2						2					2	2	
			Lepetellidae undet.			1						1					1	1	
		Littorinomorpha	Aclididae	<i>Aclis</i>		1						1					1	1	
			?Aclididae			1						1					1	1	
			Aclididae undet.			2						2					2	2	
			Anabathridae	<i>Pisinna</i>		2						2					2	2	
			Atlantidae	<i>Atlanta</i>		2						2					2	2	
			Caecidae			1						1					1	1	
			Capulidae	<i>Capulus</i>		1						1					1	1	
				<i>Torellia</i>		1						1					1	1	
				<i>Trichosirius</i>		1						1					1	1	
			Cassidae	<i>Oocorys</i>		2						2					2	2	
			Eatoniellidae	<i>Eatoniella</i>		1						1					1	1	
			Elachisnidae			1						1					1	1	
			Eulimidae			21						21					21	21	
			Haloceratidae	<i>Haloceras</i>		3						3					3	3	
			Hipponicidae	<i>Leptonotis</i>	<i>perplexus</i>	1						1					1	1	
			Naticidae			2						2					2	2	
			Ovulidae	<i>Cypraeopsis</i>	<i>superstes pacifica</i>	1						1					1	1	
				<i>Pedicularia</i>		1						1					1	1	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll		
			Personidae	<i>Distorsionella</i>	<i>lewisii</i>		1										1	1	
			Pisanianuridae	<i>Pisanianura</i>	<i>breviax</i>		1										1	1	
				<i>Pisanianura</i>	<i>grimaldii</i>		1										1	1	
			Ranellidae	<i>Sassia</i>	<i>remensa</i>		1										1	1	
			Ranellidae undet.				1										1	1	
			Rastodontidae	<i>Rastodens</i>			2										2	2	
			Rastodontidae undet.				3										3	3	
			Rissoiidae	<i>Alvania</i>	sp. 5		1										1	1	
				<i>Benthonella</i>			3										3	3	
				<i>Powellisetia</i>			1										1	1	
				<i>Pusillina</i>			1										1	1	
			Rissoiidae	<i>Rissoina</i>			1										1	1	
			Tornidae	<i>Neusas</i>	sp. 1		1										1	1	
				<i>Neusas</i>	sp. 2		1										1	1	
			Triviidae	<i>Trivellona</i>	<i>paucicostata</i>		1										1	1	
			Triviidae undet.				1										1	1	
			Vanikoridae	<i>Lyocyclus</i>			1										1	1	
				<i>Megalomphalus</i>			1										1	1	
			?Vanikoridae				1										1	1	
			Vanikoridae				3										3	3	
			Velutinidae				2										2	2	
			Zerotulidae	<i>Zerotula</i>			1										1	1	
		Neogastropoda	Buccinidae	<i>Nassaria</i>			1										1	1	
			Buccinulidae				1										1	1	
			Clathurellidae				3										3	3	
			Columbellidae				5										5	5	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
			Costellariidae				2										2	2	
			Cystiscidae				1										1	1	
			Fasciolaridae	<i>Fusinus</i>			3										3	3	
			Fasciolaridae undet.				2										2	2	
			Mangeliidae	<i>Antiguraleus</i>	sp. 13		1										1	1	
			Mangeliidae undet.				1										1	1	
			Marginellidae				4										4	4	
			Mitromorphidae				1										1	1	
			Muricidae	<i>Babelomurex</i>	<i>nakami gawai</i>		1										1	1	
				<i>Coralliophila</i>			3										3	3	
				<i>Enixotrophon</i>	<i>carduelis</i>		2										2	2	
				<i>Enixotrophon</i>	<i>venusta marshalli</i>	1	1				1	1					2	2	
				<i>Hirtomurex</i>	<i>lli</i>		1					1					1	1	
				<i>Hirtomurex</i>	<i>vaubani</i>		1					1					1	1	
			Nassariidae	<i>Nassarius</i>	<i>llus</i>		1					1					1	1	
				<i>Nassarius</i>			1					1					1	1	
			Pseudomelatomidae				1					1					1	1	
			Raphitomidae				23					23					23	23	
			Turridae				6					6					6	6	
		Nudibranchia															1	1	
		Patellogastropoda (unassigned)	Lepetidae				2					2					2	2	
		Seguenziida	Calliotropidae	<i>Calliotropis</i>			1					1					1	1	
			Chilodontidae	<i>Danilia</i>	sp. 1		1					1					1	1	
			Pendromidae	<i>Rugulina</i>			1					1					1	1	
			Seguenziidae	<i>Adeuomphalus</i>			4					4					4	4	
				<i>Ancistrobasis</i>	<i>dilecta</i>		1					1					1	1	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
					<i>Ancistrobasis</i>		1										1	1	
					<i>Basilissopsis regina</i>		1										1	1	
					<i>Thelyssina sterrha</i>		1										1	1	
				Seguenziidae undet.			2										2	2	
			Trochaclididae		<i>Acremodontina</i>		1										1	1	
					<i>Trochaclis</i>		9										9	9	
	Thecosomata (pteropods)		Limacinidae		<i>Limacina</i>		1										1	1	
	Thecosomata undet.					4	3				1	5	3			1	8	9	
	Trochida		Calliostomatidae		<i>Bathyauctor rapuha</i>		1						1				1	1	
					<i>Calliostoma coronata</i>		1						1				1	1	
					<i>Carinastele coronata</i>		1						1				1	1	
					<i>Carinastele jugosa zonatum</i>		1						1				1	1	
					<i>Selastele m</i>		1						1				1	1	
					<i>Thysanodonta serrata</i>		1						1				1	1	
					<i>Thysanodonta a</i>		1						1				1	1	
					<i>Venustatrochus</i>	1						1					1	1	
			Colloniidae		<i>Argalista</i>		1						1				1	1	
					<i>Cantrainea inexpectata</i>		1						1				1	1	
			Colloniidae undet.				1						1				1	1	
			Margaritidae		<i>Antimargarita</i>	sp. 1	1						1				1	1	
			Skeneidae		<i>Aequispirella</i>		1						1				1	1	
					<i>Brookula</i>		1						1				1	1	
					<i>Cirsonella</i>	1						1					1	1	
			Skeneidae undet.		<i>Lapidicola</i>		3						3				3	3	
			Skeneidae undet.			1	28					1	28				29	29	
			Solariellidae		<i>Archiminolia alabida</i>		2						2				2	2	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
					<i>Archiminolia</i>		2						2				2	2	
					<i>Bathymophila</i>			1		1			1		4		2	5	
					<i>Microgaza</i>			3					3				3	3	
					<i>Solariella</i>		2						2				2	2	
					<i>Zetela</i>		1						1				1	1	
			Trochidae		<i>Clanculus</i>		1						1				1	1	
			Trochidae undet.				1						1				1	1	
	Opisthobranchia (infraclass)						2						2				2	2	
	Gastropoda undet.						2						2				2	2	
	Polyplacophora						1	3					1	3			4	4	
	Scaphopoda	Gadilida	Gadilidae		<i>Cadulus</i>		1						1				1	1	
	Scaphopoda undet.						2						2				2	2	
Nemertea							1						1				1	1	
Porifera	Calcarea	Leucosolenida	Grantiidae		<i>Leucandra</i>		1						1				1	1	
	Demospongiae	Dictyoceratida	Irciniidae		<i>Ircinia</i>		1						1				1	1	
		Hadromerida	Polymastiidae		<i>Sphaerotylus</i>		1						1				1	1	
			Polymastiidae undet.		<i>Tentorium</i>		3						3				3	3	
							1						1				1	1	
		Halichondrida	Axinellidae		<i>Axinella</i>		2						2				2	2	
					<i>Axinella</i>		2						2				2	2	
			Halichondriidae		<i>Spongosorites</i>		2						2				2	2	
					<i>Topsentia</i>		1						1				1	1	
					<i>Parahigginsia</i>	<i>phakelloides</i>	1						1				1	1	
		Haplosclerida	Chalinidae		<i>Gellius</i>		1						1				1	1	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	All Western Region SCAs	All Western Region SCAs
				<i>Haliclona</i>	n. sp. 2		1										1	1	
				<i>Haliclona</i>			4										4	4	
				<i>Orina</i>			3										3	3	
			Petrosiidae	<i>Xestospongia</i>			3										3	3	
		Lithistid Demospongiae	Corallistidae	<i>Neoschrammeniella</i>	<i>fulvodesmus</i>		4		1					1			5	5	
			Isoraphiniidae	<i>Costifer</i>	<i>wilsoni</i>		3										3	3	
			Phymatellidae	<i>Neoaulaxinia</i>	<i>clavata</i>		1										1	1	
				<i>Neoaulaxinia</i>	<i>motukam</i>		19		1					1			20	20	
				<i>Neosiphonia</i>	<i>wanuisuperstes</i>		11										11	11	
				<i>Neosiphonia</i>	<i>es</i>		2										2	2	
			Pleromidae	<i>Pleroma</i>	<i>aotea</i>		5										5	5	
				<i>Pleroma</i>	<i>menoui</i>		4										4	4	
		Poecilosclerida	Cladorhizidae	<i>Abyssocladia</i>			2										2	2	
				<i>Asbestopluma</i>	<i>desmophora</i>		1										1	1	
			Dendoricellidae	<i>Pylocladia</i>	<i>demonstrans</i>		1										1	1	
				<i>Pylocladia</i>			1										1	1	
			Dendoricellidae undet.				1										1	1	
			Desmaccellidae	<i>Sigmaxinella</i>			6										6	6	
			Hamacanthidae	<i>Hamacantha</i>			1										1	1	
			Mycalidae	<i>Mycale</i>	<i>incurvata</i>		1										1	1	
				<i>Mycale</i>			3										3	3	
			Myxillidae						1					1			1	1	
			Phellodermidae	<i>Echinostylons</i>	<i>tubiformis</i>		1										1	1	
				<i>Echinostylons</i>	n. sp. 1		4										4	4	
				<i>Echinostylons</i>			4										4	4	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll		
			Podospongiidae	<i>Neopodospongia</i>	<i>exilis</i>		1										1	1	
		Tetractinellida	Ancorinidae	<i>Penares</i>	<i>ocladaschulzei</i>		1										1	1	
				<i>Penares</i>	<i>i</i>				1				1				1	1	
				<i>Penares</i>					1				1				1	1	
				<i>Stelletta</i>	<i>radicifera</i>				1				1				1	1	
				<i>Stelletta</i>	n. sp. 2		1						1				1	1	
				<i>Stelletta</i>			5						5				5	5	
			Geodiidae	<i>Pachymatisma</i>	<i>nodosa</i>		3		1				3		1		4	4	
			Pachastrellidae	<i>Characella</i>	n. sp. 2		9						9				9	9	
				<i>Poecillastra</i>	<i>lamina</i>		1						1				1	1	
	Hexactinellida	Amphidiscida	Pheronematidae	<i>Pheronema</i>	<i>conicum</i>		2		1				2		1		3	3	
				<i>Pheronema</i>			3						3				3	3	
				<i>Semperella</i>	<i>schultzei</i>		2						2				2	2	
		Hexactinosida	Aphrocallistidae	<i>Aphrocallistes</i>	<i>beatrice</i>		3						3				3	3	
			Auloplacidae	<i>Auloplax</i>	<i>opulata</i>		1						1				1	1	
			Auloplacidae undet.				2						2				2	2	
			Euretidae	<i>Chonelasma</i>	<i>lamella</i>	1	1						1	1			2	2	
				<i>Chonelasma</i>			3						3				3	3	
					cf. <i>simplicissimum</i>														
				<i>Eurete</i>	<i>m</i>		1						1				1	1	
			Chonelasmatinae (subfam.)				1						1				1	1	
			Euretinae (subfam.)				1						1				1	1	
			Farreidae	<i>Farrea</i>	<i>ananchorata</i>		4						4				4	4	
			Farreidae undet.	<i>Farrea</i>	<i>similari</i>	1							1				1	1	
					<i>s</i>		3						3				3	3	

Phylum	Class	Order	Family	Genus	Species	No. of lots						No. of specimens						Total no. of lots	Total no. specimens
						Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll	Aotea Seamount	Cavalli Seamount	Seamount 140	Seamount 148	Seamount 447	Telecom Knoll		
			Tretodictyidae	<i>Hexactinella</i>	<i>acanthacea</i>		1										1	1	
			Tretodictyidae undet.	<i>Hexactinella</i>	<i>simplex</i>	3											3	3	
		Hexactinosa	Lyssacinosida	Euplectellidae	<i>Regadrella</i>		2										2	2	
					<i>phoenix</i>		6										6	6	
					<i>Regadrella</i>		3		1								4	4	
					<i>Regadrella</i>		1		1	1							3	9	
					cf. <i>flemmingi</i>														
					<i>Walteria</i>		1										1	1	
					<i>Walteria</i>		1		1								2	2	
					<i>Walteria</i>		2										2	2	
			Rossellidae	<i>Acanthascus</i> (<i>Rhabdocalyp tus</i>)			2										2	2	
				<i>Caulophacus</i> (<i>Caulophacus</i>)	<i>latus</i>				1					1			1	1	
				<i>Crateromorpha</i> (<i>Aulochone</i>)	<i>cylindrica</i>		4										4	4	
				<i>Crateromorpha</i> (<i>Crateromorpha</i>)	<i>meyeri</i>		1										1	1	
			Rossellidae undet.				1										1	1	
Porifera undet.						5	3									2	10	10	
Sipuncula	Sipunculidea	Golfingiida	Golfingiidae	<i>Golfingia</i>	<i>margaritacea</i>	1											1	1	
Sipuncula undet.						1											1	1	
Grand Total						139	1104	1	40	13	36	181	1771	1	88	35	47	1333	2123

Kermadec region

Phylum	Class	Order	Family	Genus	Species	No. of lots			No. of specimens			Total no. of lots		Total no. of specimens		
						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec SCAs	All SCAs	Kermadec SCAs	
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Eunice</i>		3		2	3		17	5		20		
			Onuphidae	<i>Hyalinoecia</i>				2			11	2		11		
			Onuphidae undet.						3			9	3		9	
			Phyllodocida	Glyceridae	<i>Glycera</i>					1			1	1		1
				Glyceridae undet.							4		43	4		43
				Hesionidae					2			15		2		15
				Nereididae					1			1		1		1
			Polynoidae	<i>Thermiphone</i>	sp. A					1			24	1		24
			Polynoidae		sp. NZVent01			3			8			3		8
			Polynoidae		sp. NZVent02			2			2			2		2
		Polynoidae		sp. NZVent06			1			1			1		1	
		Polynoidae		sp. NZVent11			2			2			2		2	
		Polynoidae undet.							1			3	1		3	
		Sabellida	Serpulidae					1		3	2		3	4		5
			Siboglinidae	<i>Oasisia</i>	<i>fujikurai</i>			2			100			2		100
			Siboglinidae undet.							1		5	1		5	
		Scolecida	Capitellidae	<i>cf. Notomastus</i>			3			7			3		7	
		Terebellida	Alvinellidae	<i>Paralvinella</i>	sp. A			3			5			3		5
			Ampharetidae	<i>Amphisamytha</i>	sp. NZVent04			7			81			7		81
			Ampharetidae undet.					4			13			4		13
Terebellidae								1		3	1		3			
	Polychaeta undet.					4		17	6		199	21		205		
Arthropoda	Malacostraca	Amphipoda	Caprellidae			1			6			1		6		
			Lysianassidae								2	2		2		
			Phoxocephalidae				1			2			1		2	
			Stegocephalidae						1			5	1		5	
			Uristidae	<i>Schisturella</i>						1		2	1		2	

Phylum	Class	Order	Family	Genus	Species	No. of lots			No. of specimens			Total no. of lots		Total no. of specimens	
						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec	All SCAs	Kermadec
		Amphipoda undet.				1			1			1		1	
		Decapoda	Alpheidae	<i>Salmoneus</i>				1			1	1		1	
			Alpheidae undet.					1			2	1		2	
			Alvinocarididae	<i>Alvinocaris</i>	<i>alexander</i>	1			2			1		2	
				<i>Alvinocaris</i>	<i>longirostris</i>	29			360			29		360	
				<i>Alvinocaris</i>	<i>niwa</i>	6			7			6		7	
				<i>Alvinocaris</i>	<i>saintlaurentae</i>	2			78			2		78	
				<i>Nautilocaris</i>	<i>e</i>	1			1			1		1	
			Benthescymidae	<i>Benthescymus</i>	<i>cereus</i>	2			3			2		3	
				<i>Gemadas</i>		1	1		1	1		2		2	
			Bythograeidae	<i>Austinograea</i>		1			1			1		1	
				<i>Gandalfus</i>	<i>puia</i>	1	1		1	1	1	2		2	
			Chirostylidae	<i>Gastroptychus</i>	<i>rogeri</i>			3			3	3		3	
				<i>Uroptychus</i>	<i>thermalis</i>	1			1			1		1	
			Glyphocrangonidae	<i>Glyphocrangon</i>	<i>speciosa</i>	2			2			2		2	
			Goneplacidae	<i>Carcinoplax</i>	n. sp.			1			2	1		2	
				<i>Intesius</i>	<i>richeri</i>			1			1	1		1	
				<i>Neopilumnoplax</i>	<i>nieli</i>			5			22	5		22	
				<i>Pycnoplax</i>	<i>meridionalis</i>			10			31	10		31	
				<i>Pycnoplax</i>	<i>suruguensis</i>			1			3	1		3	
				<i>Pycnoplax</i>	<i>victoriensis</i>			1			2	1		2	
			Hippolytidae	<i>Lebbeus</i>	<i>wera</i> <i>saintlaurentae</i>	11			35			11		35	
				<i>Nauticaris</i>	<i>e</i>	1			5			1		5	
			Inachidae	<i>Dorhynchus</i>	<i>ramusculus</i>			2			3	2		3	
			Lithodidae	<i>Paralomis</i>	<i>hirtella</i>	7			23			7		23	
				<i>Paralomis</i>		2			3			2		3	
			Munididae	<i>Agononida</i>	<i>nielbrucei</i>			2			2	2		2	
				<i>Agononida</i>	<i>squamosa</i>			1			1	1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots			No. of specimens			Total no. of lots		Total no. of specimens	
						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec	All SCAs	Kermadec
				<i>Agonida</i>				1			1		1		1
				<i>Munida</i>	<i>endeavourae</i>						1		1		1
				<i>Munida</i>	<i>isos</i>						9		2		9
				<i>Munida</i>			1			1			1		1
			Munidopsidae	<i>Leiogalatea</i>	<i>laevirostris</i>						33		4		33
				<i>Munidopsis</i>	<i>kermadec</i>		1			1			1		1
				<i>Munidopsis</i>	<i>pyrochela</i>						3		2		3
				<i>Munidopsis</i>	<i>sonne</i>		5			8			5		8
				<i>Munidopsis</i>	<i>tasmaniae</i>						1		1		1
			Nematocarcinidae	<i>Nematocarcinus</i>			5			10			6		11
			Nematocarcinidae undet.										3		3
			Oplophoridae	<i>Systellaspis</i>	<i>debilis</i>						1		1		1
			Paguridae	<i>Goreopagurus</i>	<i>poorei</i>						3		3		7
				<i>Goreopagurus</i>							1		1		1
				<i>Propagurus</i>	<i>deprofundis</i>						1		1		2
			Paguridae undet.				1			1			1		1
			Palinuridae	<i>Phyllosoma</i>							1		1		1
			Pandalidae	<i>Plesionika</i>	sp. 2		1			1			1		1
				<i>Plesionika</i>			1			1			1		1
				<i>Stylopandalus</i>	<i>richardi</i>						1		1		1
			Pandalidae undet.								2		2		2
			Parapaguridae	<i>Paragiopagurus</i>	<i>hirsutus</i>						1		1		1
				<i>Sympagurus</i>	<i>dimorphus</i>						5		5		7
			Pasiphaeidae	<i>Pasiphaea</i>							1		1		1
			Polychelidae	<i>Pentacheles</i>	<i>laevis</i>		1		1	1			2		2
			Portunidae	<i>Ovalipes</i>	<i>molleri</i>						2		2		2
			Sergestidae	<i>Sergestes</i>			1			1			1		1
			Trichopeltariidae	<i>Trichopeltarion</i>	<i>janetae</i>		1		2	1			3		4

Phylum	Class	Order	Family	Genus	Species	No. of lots			No. of specimens			Total no. of lots		Total no. of specimens	
						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec	All SCAs	Kermadec
			Xenograpsidae	<i>Xenograpsus</i>	<i>ngatama</i>			1			3		1		3
		Caridea (infraorder)						1			1		1		1
		Dendrobranchiata (suborder)					2	5	2		8		7		10
		Decapoda undet.					2	6	2		14		8		16
		Euphausiacea	Euphausiidae	<i>Thysanopoda</i>			1		1				1		1
		Euphausiacea			sp. 2			1			1		1		1
		Euphausiacea undet.					1		1				1		1
		Isopoda	Aegidae	<i>Aegiochus</i>	<i>nohinohi</i>			8			18		8		18
				<i>Aegiochus</i>				1			1		1		1
			Gnathiidae	<i>Caecognathia</i>	<i>nieli</i>			7			199		7		199
				<i>Gnathia</i>	<i>sifae</i>			5			115		5		115
			Gnathiidae undet.					1			10		1		10
			Munnopsididae					1			13		1		13
			?Pseudojaniridae					1			1		1		1
		Epicaridea (Infraorder)						1			6		1		6
		Gnathiidea (suborder)						3			3		3		3
	Maxillopoda	Pedunculata	Eolepadidae	<i>Vulcanolepas</i>	<i>osheai</i>		14			353		14		353	
				<i>Vulcanolepas</i>			2			5		2		5	
			Heteralepadidae	<i>Heteralepas</i>				1			1		1		1
			Scalpellidae	<i>Amigdoscalpellum</i>	<i>vitreum</i>			1			3		1		3
				<i>Annandaleum</i>				1			1		1		1
				<i>Arcoscalpellum</i>				1			1		1		1
				<i>Smilium</i>	<i>acutum</i>		1			1		1		1	1
			Scalpellidae undet.					1			1		1		1
		Lepadomorpha (suborder)					1			2		1		2	
		Sessilia	Chionelasmidae	<i>Chionelasmus</i>	<i>darwini</i>			1			1		1		1
	Cirripedia (infraclass)							1			5		1		5
	Ostracoda							1			1		1		1

Phylum	Class	Order	Family	Genus	Species	No. of lots			No. of specimens			Total no. of lots		Total no. of specimens	
						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec	All SCAs	Kermadec
	Pycnogonida	Pantopoda	Callipallenidae	<i>Callipallene</i>				1			1			1	
			Nymphonidae	<i>Nymphon</i>		3				72			3		72
	Pycnogonida undet.							5			5		5		5
Brachiopoda						1				1			1		1
Bryozoa	Gymnolaemata	Cheilostomata	Bugulidae	<i>Bugulella</i>	<i>gracilis</i>			2			2		2		2
				<i>Bugulella</i>				3			5		3		5
			Candidae	<i>Amastigia</i>				1			1		1		1
			Celleporidae	<i>Richbunea</i>				1			1		1		1
			Cleidochasmatidae	<i>Yrbozon</i>	n. sp.			1			4		1		4
			Cribrilinidae	<i>Klugerella</i>	<i>gordoni</i>			2			4		2		4
				<i>Puellina</i>				2			2		2		2
				<i>Reginelloides</i>	<i>stolonifera</i>			2			2		2		2
			Euoplozoidae	<i>Euoplozoum</i>	n. sp.		1			1			1		1
			Hippothoidae	<i>Hippothoa</i>	<i>peristomata</i>			2			2		2		2
			Phidoloporidae	<i>Iodictyum</i>	n. sp.			1			1		1		1
	Stenolaemata	Cyclostomata	Oncousoeciidae	<i>Oncousoecia</i>				1			1		1		1
			Tubuliporidae	<i>Idmidronea</i>				1			1		1		1
Cephalorhyncha	Priapulida							1			1		1		1
Cnidaria	Anthozoa	Actiniaria	Actinostolidae	<i>Hormosoma</i>		1				1			1		1
			Actinostolidae undet.					9			43		9		43
			Hormathiidae			1		4		1	16		5		17
		Actiniaria undet.				4		8		12	257		12		269
		Alcyonacea	Acanthogorgiidae	<i>Acanthogorgia</i>				2			2		2		2
			Alcyoniidae	<i>Anthomastus</i>				2			2		2		2
				<i>Heteropolypus</i>				1			2		1		2
				<i>Pseudoanthomastus</i>				1			1		1		1
			Chrysogorgiidae	<i>Chrysogorgia</i>	<i>expansa</i>		1				8		1		8
				<i>Chrysogorgia</i>			1	3		5	3		4		8

Phylum	Class	Order	Family	Genus	Species	No. of lots			No. of specimens			Total no. of lots		Total no. of specimens	
						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec	All SCAs	Kermadec
				<i>Isidoidea</i>			1			1		1		1	
				<i>Metallogorgia</i>			1			1		1		1	
			Coralliidae	<i>Hemicorallium</i>	<i>imperiale</i>		1			1		1		1	
				<i>Hemicorallium</i>	<i>cf. laauense</i>		1			5		1		5	
				<i>Hemicorallium</i>	<i>laauense</i>		2			5		2		5	
			Isididae	<i>Chathamisis</i>	n. sp. 1		2			2		2		2	
				<i>Isidella</i>			1			1		1		1	
				<i>Keratoisis</i>			4			4		4		4	
				<i>Lepidisis</i>	sp. 2		1			1		1		1	
			Paragorgiidae	<i>Paragorgia</i>	<i>maunga</i>		1			1		1		1	
			Plexauridae	<i>Anthomuricea</i>	sp. 2		1			2		1		2	
				<i>Anthomuricea</i>			1			1		1		1	
				<i>Dentomuricea</i>	sp. 1		2			2		2		2	
				<i>Muriceides</i>	sp. 1		1			1		1		1	
				<i>Muriceides</i>	sp. 2		1			1		1		1	
				<i>Muriceides</i>			1		1	2		3		3	
				<i>Paramuricea</i>			1		1			1		1	
				<i>Trachymuricea</i>			2			2		2		2	
				<i>Villogorgia</i>	sp. 1		2			2		2		2	
				<i>Villogorgia</i>	sp. 2		2			10		2		10	
				<i>Villogorgia</i>	sp. 3		2			2		2		2	
				<i>Villogorgia</i>			6			6		6		6	
			Plexauridae		sp. 2		2			3		2		3	
			Plexauridae undet.				1			5		1		5	
			Primnoidae	<i>Calyptriphora</i>			1			1		1		1	
				<i>Candidella</i>	<i>helminthophora</i>		2			2		2		2	
				<i>Narella</i>	<i>parva</i>		1			1		1		1	
				<i>Narella</i>			3			3		3		3	

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						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec	All SCAs	Kermadec
			Taiarooidae	<i>Taiaroa</i>	<i>tauhou</i>			2			3		2		3
		Alcyonacea undet.						1			1		1		1
		Gorgonacea undet.						1			1		1		1
		Antipatharia	Antipathidae	<i>Cirripathes</i>	<i>propinqua</i>			1			1		1		1
			Cladopathidae	<i>Trissopathes</i>	<i>tristicha</i>			1			1		1		1
				<i>Trissopathes</i>				1			1		1		1
			Leiopathidae	<i>Leiopathes</i>	<i>bullosa</i>			2			2		2		2
				<i>Leiopathes</i>				3			3		3		3
			Myriopathidae	<i>Antipathella</i>				1			1		1		1
			Schizopathidae	<i>Bathypathes</i>	<i>patula</i>			1			1		1		1
				<i>Bathypathes</i>			1	2	1		3		3		4
				<i>Dendrobathypathes</i>				1			3		1		3
				<i>Dendropathes</i>	<i>intermedia</i>			1			1		1		1
				<i>?Lillipathes</i>				1			1		1		1
				<i>Parantipathes</i>			1	1	1		1		2		2
				<i>Stauropathes</i>			1		1				1		1
				<i>Umbellapathes</i>	<i>parvula</i>			1			1		1		1
			Stylopathidae	<i>Tylopathes</i>				1			1		1		1
		Antipatharia undet.					1	1	1		1		2		2
		Pennatulacea	Anthoptilidae	<i>Anthoptilum</i>				1			1		1		1
			Halopteridae	<i>Halopteris</i>	<i>cf. willemoesi</i>			2			42		2		42
				<i>Halopteris</i>				1			2		1		2
			Kophobelemnidae	<i>Kophobelemmon</i>				1			1		1		1
			Pennatulidae	<i>Pennatula</i>	<i>cf. moseleyi</i>			1			1		1		1
				<i>Pennatula</i>				1			1		1		1
			Protoptilidae	<i>Protoptilum</i>				1			1		1		1
		Pennatulacea undet.						1			1		1		1
		Scleractinia	Caryophylliidae	<i>Caryophyllia</i>	<i>profunda</i>			1			1		1		1
				<i>Desmophyllum</i>	<i>dianthus</i>			5			38		5		38

Phylum	Class	Order	Family	Genus	Species	No. of lots			No. of specimens			Total no. of lots		Total no. of specimens	
						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec	All SCAs	Kermadec
				<i>Solenosmilia</i>	<i>variabilis</i>			5			17	5		17	
				<i>Stephanocyathus</i>	<i>coronatus</i>	1			1			1		1	
			Dendrophylliidae	<i>Eguchipsammia</i>	<i>japonica</i>			1			3	1		3	
				<i>Eguchipsammia</i>				1			25	1		25	
				<i>Enallopsammia</i>				1			2	1		2	
			Oculinidae	<i>Madrepora</i>	<i>oculata</i>			4			10	4		10	
		Scleractinia undet.						1			1	1		1	
		Zoantharia	Parazoanthidae					1			30	1		30	
			Zoanthidae			2			2			2		2	
	Hydrozoa	Anthoathecata	Eudendriidae	<i>Eudendrium</i>				3			45	3		45	
			Stylasteridae	<i>Conopora</i>	<i>cf. verrucosa</i>			1			1	1		1	
			Stylasteridae undet.	<i>Stylaster</i>	<i>eguchii</i>			1			3	1		3	
		Anthoathecata undet.						3			8	3		8	
		Leptothecata	Aglaopheniidae	<i>Gymnangium</i>	<i>japonicum</i>			1			1	1		1	
			Haleciidae	<i>Halecium</i>		1			2			1		2	
			Lafoeidae	<i>Acryptolaria</i>				6			58	6		58	
				<i>Zygophylax</i>	<i>cf. cervicornis</i>	1		1	2		1	2		3	
				<i>Zygophylax</i>				1			1	1		1	
			Phialellidae	<i>Stegolaria</i>	<i>irregularis</i> <i>cf. macroscyphus</i>			1			1	1		1	
			Sertulariidae	<i>Symplectoscyphus</i>		1			6			1		6	
				<i>Symplectoscyphus</i>		1			2			1		2	
		Scyphozoa				1			10			1		10	
Echinodermata	Asteroidea	Brisingida	Brisingidae	<i>Novodinia</i>	<i>novaezelandiae</i>			2			4	2		4	
			Freyellidae	<i>Freyella</i>	<i>echinata</i>			1			1	1		1	
		Forcipulatida	Asteriidae	<i>Allostichaster</i>	<i>farquhari</i>			3			3	3		3	
				<i>Cosmasterias</i>	<i>dyscrita</i>			1			1	1		1	

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						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec	All SCAs	Kermadec
				<i>Sclerasterias</i>	<i>eructans</i>			3			4		3		4
				<i>Smilasterias</i>	<i>actinata</i>			1			2		1		2
				<i>Smilasterias</i>				1			1		1		1
			Asteriidae		sp. 2			1			1		1		1
			Asteriidae		sp. 3		2			2			2		2
			Asteriidae					1			2		1		2
			Labidiasteridae	<i>Coronaster</i>	<i>haliceps</i>			1			1		1		1
				<i>Coronaster</i>	<i>reticulatus</i>			17			78		17		78
				<i>Coronaster</i>				1			1		1		1
		Forcipulatida undet.						2			2		2		2
		Paxillosida	Astropectinidae	<i>Plutonaster</i>	<i>ambiguus</i>		1			1			1		1
				<i>Plutonaster</i>	<i>complexus</i>		2			2			3		3
				<i>Plutonaster</i>	<i>fragilis</i>			1			2		1		2
				<i>Plutonaster</i>	<i>jonathani</i>			1			1		1		1
				<i>Plutonaster</i>				1			1		1		1
				<i>Proserpinaster</i>	<i>neozelanicus</i>			1			1		1		1
		Valvatida	Asterinidae	<i>Anseropoda</i>	<i>aotearoa</i>			2			2		2		2
			Goniasteridae	<i>Astropatricia</i>	<i>marita</i>			1			1		1		1
				<i>Pillsburiaster</i>	<i>cf. indulitis</i>			1			1		1		1
			Poraniidae	<i>Marginaster</i>	<i>patriciae</i>			1			1		1		1
			Solasteridae	<i>Paralophaster</i>	<i>cf. hyalinus</i>			2			2		2		2
	Asteroidea undet.							1			1		1		1
	Crinoidea	Articulata	Antedonidae					1			1		1		1
			Charitometridae					2			3		2		3
		Comatulida	Atelecrinidae	<i>Paratelecrinus</i>				2			3		2		3
	Crinoidea undet.							1			11		1		11
	Echinoidea	Camarodonta	Echinidae	<i>Dermechinus</i>	<i>horridus</i>		1			1	16		6		17
				<i>Gracilechinus</i>	<i>multidentatus</i>						129		25		129

Phylum	Class	Order	Family	Genus	Species	No. of lots			No. of specimens			Total no. of lots		Total no. of specimens	
						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec SCAs	All SCAs	Kermadec SCAs
		Cidaroida	Cidaridae	<i>Stereocidaris</i>	<i>sceptriferoides</i>			1			1		1		1
				<i>Stereocidaris</i>				1			1		1		1
		Diadematoidea	Aspidodiadematae	<i>Aspidodiadema</i>	<i>tonsum</i>			1			3		1		3
		Pedinoidea	Pedinidae	<i>Caenopedina</i>	<i>hawaiiensis</i>			5			7		5		7
				<i>Caenopedina</i>	<i>otagoensis</i>			2			2		2		2
		Spatangoida	Spatangidae					1			1		1		1
	Holothuroidea	Aspidochirotida	Synallactidae					1			1		1		1
		Elasipodida	Elpidiidae				3			6		3		6	
		Molpadiida	Molpadiidae	<i>Molpadia</i>	<i>antarctica</i>		1			1		1		1	
	Ophiuroidea	Euryalida	Asteroschematidae	<i>Asteroschema</i>	<i>bidwillae</i>			1			2		1		2
				<i>Asteroschema</i>				1			2		1		2
			Gorgonocephalidae	<i>Ophiocreas</i>	<i>sibogae</i>			2			2		2		2
				<i>Asteroporpa</i>	<i>australiensis</i>			1			1		1		1
		Ophiurida	Amphiuridae	<i>Amphioplus</i>	n. sp. (MoV 2722)			1			1		1		1
				<i>Amphipholis</i>	<i>squamata</i>			3			11		3		11
				<i>Amphiura</i>	n. sp.			1			1		1		1
			Ophiacanthidae	<i>Ophiacantha</i>	<i>brachygnatha</i>			1			1		1		1
				<i>Ophiacantha</i>	<i>fuscina</i>			1			1		1		1
				<i>Ophiacantha</i>	<i>?longidens</i>			1			1		1		1
				<i>Ophiacantha</i>	<i>?pacata</i>			1			1		1		1
				<i>Ophiacantha</i>	<i>?rosea</i>			1			1		1		1
				<i>Ophiacantha</i>	<i>rosea</i>			5			47		5		47
				<i>Ophiacantha</i>	<i>spectabilis</i>			1			11		1		11
				<i>Ophiacantha</i>	<i>vivipara</i>			1			1		1		1
				<i>Ophiolebes</i>	sp. A			1			1		1		1
				<i>Ophiomitrella</i>	n. sp. (MoV 5488)			1			1		1		1
				<i>Ophioplinthaca</i>	<i>plicata</i>			2			6		2		6
				<i>Ophiotoma</i>	<i>megatreta</i>			1			1		1		1

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						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec	All SCAs	Kermadec
		Oegopsida	Histioteuthidae	<i>Histioteuthis</i>				1			3		1		3
			Pyroteuthidae					1			2		1		2
	Gastropoda	Caenogastropoda (unassigned)	Epitoniidae	<i>Claviscalia</i>				3			4		3		4
				<i>Epitonium</i>				1			1		1		1
		Cephalaspidea	Cylichnidae	<i>Cylichna</i>				1			1		1		1
			Retusidae	<i>Retusa</i>				1			1		1		1
		Cocculiniformia (unassigned)	Cocculinidae						2		2		2		2
		Cycloneritimorpha Heterobranchia (unassigned)	Phenacolepadidae	<i>Shinkailepas</i>				5		129			5		129
			Architectonicidae	<i>Adelphotectonica</i>	<i>reevei</i>						1		1		1
			Orbitestellidae	<i>Lurifax</i>				1		1			1		1
			Pyramidellidae	<i>Turbonilla</i>							2		2		2
		Lepetellida	Anatomidae	<i>Anatoma</i>	<i>flemingi</i>			2		11			2		11
			Lepetodrilidae	<i>Lepetodrilus</i>	sp. B			1		1			1		1
			Pseudococculinidae	<i>Tentaoculus</i>				2		2			2		2
			Scissurellidae	<i>Ariella</i>	<i>pauperata</i>			1			1		1		1
		Littorinimorpha	Elachisnidae	<i>Laeviphitus</i>				1			1		1		1
			Eulimidae	<i>Niso</i>				1			1		1		1
			Naticidae	<i>Euspira</i>				1			1		1		1
				<i>Falsilunatia</i>	<i>ambigua</i>			1			1		1		1
			Pisanianuridae	<i>Pisanianura</i>	<i>grimaldii</i>			1			1		1		1
			Ranellidae	<i>Fusitriton</i>	<i>laudandus</i>			4			14		4		14
				<i>Fusitriton</i>	<i>magellanicus</i>			2			2		2		2
				<i>Fusitriton</i>	<i>retiolus</i>			6			6		6		6
				<i>Ranella</i>	<i>olearium</i>			1			1		1		1
			Triviidae	<i>Trivellona</i>	<i>valerieae</i>			1			1		1		1
		Neogastropoda	Columbellidae	<i>Zemitrella</i>	sp. B			1			5		1		5
				<i>Zemitrella</i>				1			1		1		1
			Fascioliariidae	<i>Simplicifusus</i>	sp. A			1			1		1		1

Phylum	Class	Order	Family	Genus	Species	No. of lots			No. of specimens			Total no. of lots		Total no. of specimens	
						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec	All SCAs	Kermadec
			Muricidae	<i>Enixotrophon</i>	<i>venusta</i>			1			1		1		1
				<i>Hirtomurex</i>	<i>tangaroa</i>			4			4		4		4
			Nassariidae	<i>Nassarius</i>	<i>ephamillus</i>		3	2		9	2		5		11
				<i>Nassarius</i>				1			1		1		1
			Raphitomidae	<i>Gymnobela</i>				4			6		4		6
				<i>Phymorhynchus</i>	sp. A			1			1		1		1
				<i>Phymorhynchus</i>	sp. B			1			1		1		1
				<i>Phymorhynchus</i>				1			1		1		1
			Turridae	<i>Comitas</i>				1			1		1		1
		Neomphalina (unassigned)	Peltospiridae	<i>Nodipelta</i>			5			5			5		5
				<i>Nodopelta</i>			1			8			1		8
				<i>Peltospira</i>			1			1			1		1
			Peltospiridae undet.				1			1			1		1
		Thecosomata (pteropods)	Cavoliniidae	<i>Cavolinia</i>	<i>inflexa</i>		1			7			1		7
			Limacinidae					1			1		1		1
		Trochida	Skeneidae	<i>Bruceiella</i>			1			1			1		1
				<i>Retigyra</i>	sp. 1		1			1			1		1
			Solariellidae	<i>Archiminolia</i>	<i>alabida</i>			24			30		24		30
				<i>Archiminolia</i>	<i>meridiana</i>		1			1			1		1
				<i>Bathymophila</i>			1			1			1		1
			Trochidae	<i>Ventsia</i>			2			2			2		2
			Trochidae undet.				1			5			1		5
		Gastropoda undet.					12			212			12		212
		Polyplocophora	Chitonida	Mopaliidae	<i>Placiphorella</i>	<i>atlantica</i>		1			1		1		1
Mollusca undet.							3	2		5	2		5		7
Nemertea								1			1		1		1
Porifera	Demospongiae	Hadromerida	Polymastiidae	<i>Spinularia</i>	n. sp. 1			1			7		1		7
				<i>Trichostemma</i>	cf. <i>irregularis</i>			1			1		1		1

Phylum	Class	Order	Family	Genus	Species	No. of lots			No. of specimens			Total no. of lots		Total no. of specimens	
						Brothers Seamount	Rumble Seamount	III	Brothers Seamount	Rumble Seamount	III	All SCAs	Kermadec	All SCAs	Kermadec
		Halichondrida	Halichondriidae	<i>Hymeniacion</i>	n. sp. 2	1			1			1		1	
		Lithistid													
		Demospongiae	Phymatellidae	<i>Neosiphonia</i>	<i>superstes</i>			1			1	1		1	
		Poecilosclerida	Cladorhizidae	<i>Abyssocladia</i>	n. sp. D	2			3			2		3	
				<i>Abyssocladia</i>		1			1			1		1	
				<i>Cladorhiza</i>	n. sp. 2	1			1			1		1	
			Hamacanthidae	<i>Hamacantha</i> (<i>Hamacantha</i>)				1			4	1		4	
			Myxillidae	<i>Microtylostylifer</i>	n. sp. 9			1			1	1		1	
			Phellodermidae	<i>Phelloderma</i>	<i>brunni</i>	2			8			2		8	
		Tetractinellida	Ancorinidae	<i>Penares</i>	<i>palmatoclada</i>			1			1	1		1	
				<i>Stelletta</i>	n. sp. 2	1			1			1		1	
			Geodiidae	<i>Geodia</i>	<i>ewok</i>			1			1	1		1	
				<i>Geodia</i>	<i>vestigifera</i>			3			5	3		5	
				<i>Pachymatisma</i>	<i>nodosa</i>			4			5	4		5	
			Pachastrellidae	<i>Poecillastra</i>	cf. <i>laminaris</i>			1			1	1		1	
	Hexactinellida	Hexactinosida	Euretidae	<i>Bathyxiphus</i>	<i>subtilis</i>	1			3			1		3	
			Euretinae (subfam.)					1			3	1		3	
			Farreidae	<i>Farrea</i>	<i>raoulensis</i>			1			1	1		1	
				<i>Farrea</i>				1			1	1		1	
		Lyssacinosa	Euplectellidae					1			1	1		1	
			Rossellidae	<i>Acanthascus</i> (<i>Rhabdocalyptus</i>)	sp. 1			1			1	1		1	
Porifera undet.								2			5	2		5	
Sipuncula								2			2	2		2	
Grand Total						258	619	1764	3121	877	4885				

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots		Total No. of specimens	
						Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	All Rise	Chatham SCAs	All Rise	Chatham SCAs
			Homolidae undet.			1				1				1		1	
			Homolodromiidae	<i>Dicranodromia</i>	<i>delli</i>		1				1			1		1	
				<i>Dicranodromia</i>	<i>spinulata</i>			1				1		1		1	
			Inachidae	<i>Dorhynchus</i>	<i>ramusculus</i>	3				4		1		3		4	
			Lithodidae	<i>Paralomis</i>	<i>poorei</i>		2				2			2		2	
			Majidae	<i>Vitjazmaia</i>	<i>latidactyla</i>		1				3			1		3	
			Munididae	<i>Munida</i>	<i>gracilis</i>	4				17				4		17	
				<i>Munida</i>	<i>isos</i>	7	16	12		38	1562	384		35		1984	
				<i>Munida</i>		1				50				1		50	
			Munidopsidae	<i>Munidopsis</i>	<i>ceres</i>	3				10				3		10	
				<i>Munidopsis</i>	<i>comarge</i>	6				35				6		35	
				<i>Munidopsis</i>	<i>papanui</i>	2				2				2		2	
				<i>Munidopsis</i>	<i>serricornis</i>			1				1		1		1	
				<i>Munidopsis</i>	<i>tasmaniae</i>			2				2		2		2	
			Nematocarcinidae	<i>Lipkius</i>	<i>holthuisi</i>	4				23				4		23	
				<i>Nematocarcinus</i>	<i>gracilis</i>		2	2			5	3		4		8	
				<i>Nematocarcinus</i>	<i>hiatus</i>		1	1			1	1		2		2	
				<i>Nematocarcinus</i>			2				2			2		2	
			Paguridae	<i>Bythiopagurus</i>	<i>macrocolus</i>		1				1			1		1	
				<i>Goreopagurus</i>	<i>poorei</i>	5	7	3		13	26	10		15		49	
				<i>Porcellanopagurus</i>													
					<i>filholi</i>	6				18				6		18	
				<i>Propagurus</i>	<i>deprofundis</i>	6		1		19		1		7		20	
			Paguridae undet.			2				11				2		11	
			Pandalidae	<i>Plesionika</i>			4	1			4	3		5		7	
			Parapaguridae	<i>Parapagurus</i>	<i>latimanus</i>			1				2		1		2	
				<i>Sympagurus</i>	<i>dimorphus</i>	7		1		27		4		8		31	
			Penaeidae	<i>?Sicyonia</i>		1				1				1		1	
			Polychelidae	<i>Stereomastis</i>	<i>sculpta</i>		1				2			1		2	
			Trichopeltariidae	<i>Trichopeltarion</i>	<i>janetae</i>		13	3			55	4		16		59	
			Brachyura				1				1			1		1	
			Decapoda			2				12				2		12	
			Galatheoidea			4				209				4		209	
			Paguroidea			5				48				5		48	
		Isopoda	Aegidae	<i>Aega</i>	<i>semicarinata</i>		1	1			1	1		2		2	
				<i>Aegiochus</i>	<i>gordoni</i>			2				5		2		5	
				<i>Aegiochus</i>	<i>kakai</i>		3	4			4	21		7		25	
				<i>Rocinela</i>	<i>resima</i>		1	1			1	2		2		3	
			Aegidae undet.			3				3				3		3	
			Hemioniscidae	<i>Scalpelloniscus</i>	<i>vomicus</i>		1				1			1		1	
			Serolidae	<i>Acutiserolis</i>	sp. 1			1				5		1		5	
		Isopoda undet.				1				1				1		1	
		Lophogastrida										1		1		1	
		Pedunculata	Anelasmidae	<i>Anelasma</i>	<i>squalicola</i>			2				3		2		3	
			Calanticidae	<i>Gravelialepas</i>	<i>fosteri</i>	2				2				2		2	
			Eolepadidae	<i>Vulcanolepas</i>				1				4		1		4	
			Poecilasmidae	<i>Poecilasma</i>	<i>kaempferi</i>	1				1				1		1	

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						Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	All Rise	Chatham SCAs	All Rise	Chatham SCAs
			Scalpellidae	<i>Arcoscalpellum</i>	<i>zancleanum</i>	1	2			1	18			1	2	1	18
			Scalpellidae undet.			1				1				1		1	
		Sessilia Cirripedia (infraclass)	Pachylasmatidae	<i>Pachylasma</i>		6				11				6		11	
		Pycnogonida				2	2			17	2			2	2	17	2
Brachiopoda	Articulata	Terebratulida	Kingenidae	<i>Ecnomiosa</i>	<i>inexpectata</i>		2				2			2		2	
			Terebratulidae	<i>Liothyrella</i>	<i>neozelanica</i>	1				5				1		5	
		Articulata undet.					1				1			1		1	
Bryozoa	Gymnolaemata	Cheilostomata	Aeteidae	<i>Aetea</i>		1				1				1		1	
			Arachnopusiidae	<i>Arachnopusia</i>			1				1			1		1	
			Calloporidae	<i>Ellisina</i>	n. sp.			1				1		1		1	
				<i>Kenoaplousina</i>	<i>singularis</i>		1	1			2	1		2		3	
				<i>Pyriporoides</i>	<i>libita</i>	1				1				1		1	
				<i>Pyriporoides</i>	n. sp.	1				1				1		1	
				<i>Retevirgula</i>			1	1			1	1		2		2	
				n. gen.	n. sp.	1				1				1		1	
			Cellariidae	<i>Euginoma</i>	n. sp.		1				1			1		1	
			Celleporidae	<i>Lagenipora</i>		1				1				1		1	
				<i>Osthimosia</i>		1				1				1		1	
			Chaperiidae	<i>Chaperiopsis</i>		1	1			1	1			2		2	
			Cribrulinidae	<i>Figularia</i>	n. sp.	1				1				1		1	
				<i>?Figularia</i>		1				1				1		1	
				<i>Figularia</i>			1				1			1		1	
				n. gen.	n. sp.	1				1				1		1	
			Escharinidae	<i>Chiaostella</i>	<i>exuberans</i>	2	3			2	3			5		5	
			Farciminariidae	<i>Columnella</i>	<i>magna</i>		1				1			1		1	
			Lekythoporidae	<i>Harpago</i>				1				1		1		1	
				<i>Poecilopora</i>	n. sp.		1				1			1		1	
			Lepraliellidae	<i>Celleporaria</i>	<i>macrodon</i>	1				1				1		1	
			Microporidae	<i>Micropora</i>	n. sp.	2				2				2		2	
				<i>Micropora</i>		1	3			1	3			4		4	
				<i>Opaeophora</i>	n. sp.	2				2				2		2	
			Phidoloporidae	<i>Reteporella</i>	n. sp.	1				1				1		1	
				<i>Reteporella</i>			2				2			2		2	
				<i>Reteporellina</i>		1				1				1		1	
			Porinidae	<i>Semihaswellia</i>	<i>umbrella</i>		1				1			1		1	
				<i>Semihaswellia</i>	n. sp.	1				1				1		1	
				<i>Semihaswellia</i>		1				1				1		1	
			Pyriporoididae	<i>Pyriporoides</i>	<i>aviculata</i>	1				1				1		1	
			Romancheinidae	<i>Escharella</i>	<i>spinosissima</i>	1				1				1		1	
				<i>Escharella</i>		2				2				2		2	
			Smittinidae	<i>Dittomesia</i>	<i>crispa</i>	2				2				2		2	
				<i>Julianca</i>	<i>retia</i>	1				1				1		1	
				<i>Smittina</i>	n. sp.	1		1		1		1		2		2	
				<i>Smittina</i>			2	1			2	1		3		3	
				<i>Smittoidea</i>	<i>magna</i>			1				1		1		1	

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						Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	All Rise	Chatham SCAs	All Rise	Chatham SCAs
	Stenolaemata	Cyclostomata	Horneridae	<i>Smittoidea</i>	<i>zelandiae</i>	1				1				1		1	
				<i>Homeohornera</i>	n. sp.	1	4			1	4			5		5	
				<i>Hornera</i>		1				1				1		1	
			Lichenoporidae	<i>Dartavellopora</i>	<i>neozelanica</i>			1				1		1		1	
				<i>Disporella</i>	n. sp.		1				1			1		1	
				<i>Disporella</i>	sp. 1		1				1			1		1	
				<i>Disporella</i>		1				1				1		1	
			Plagioeciidae	<i>Plagioecia</i>		1				1				1		1	
			Stomatoporidae	<i>Stomatopora</i>		1				1				1		1	
				<i>Stomatopora</i>		1				1				1		1	
			Theonoidae	<i>Supercyrtis</i>	<i>gracilis</i>			2				2		2		2	
Cephalorhyncha	Priapulida					1				1				1		1	
	Asciidiacea																
Chordata	[Tunicates]						1				1			1		1	
Cnidaria	Anthozoa	Actiniaria	Actinernidae	<i>Isactinernus</i>	<i>quadrilobatus</i>	2				47				2		47	
			Actinoscyphiidae			2				3				2		3	
			Actinostolidae			1				1				1		1	
			Halcuriidae	<i>Halcurias</i>	<i>endocoelactis</i>	2	1	1		11	1	1		4		13	
		Actiniaria undet.				4	3	1		17	9	1		8		27	
		Alcyonacea	Alcyoniidae	<i>Anthomastus</i>	sp. 1	1	1			1	1			1		1	
				<i>Anthomastus</i>	cf. <i>Bellonella</i>	1	3			1	3			4		4	
				<i>Pseudoanthomastus</i>		7				151				7		151	
						1				1				1		1	
			Alcyoniidae undet.			2				21				2		21	
			Chrysogorgiidae	<i>Chrysogorgia</i>				1				1		1		1	
			Clavulariidae	<i>Rhodolinda</i>	<i>gardineri</i>	1				50				1		50	
				<i>Rhodolinda</i>		2				90				2		90	
			Telestinae (subfam.)	n. gen.	n. sp. 1	2				7				2		7	
			Telestinae (subfam.)	n. gen. A	n. sp. 1	1				30				1		30	
			Telestinae (subfam.)			1				30				1		30	
			Coralliidae	<i>Hemicorallium</i>	<i>imperiale</i>	1				1				1		1	
				<i>Hemicorallium</i>	cf. <i>lauuense</i>	1				1				1		1	
				<i>Hemicorallium</i>	<i>lauuense</i>	1				1				1		1	
				<i>Hemicorallium</i>		1				1				1		1	
			Isididae	<i>Chathamisis</i>		1				20				1		20	
				<i>Keratoisis</i>	sp. 2			1				1		1		1	
				<i>Keratoisis</i>	sp. 4			1				1		1		1	
				<i>Keratoisis</i>	sp. 7			2				2		2		2	
				<i>Keratoisis</i>		2				2				2		2	
				<i>Lepidisis</i>	sp. 1			1				1		1		1	
				<i>Lepidisis</i>	sp. 6			1				1		1		1	
				<i>Minuisis</i>				5				6		5		6	

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						Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	All Rise	Chatham SCAs	All Rise	Chatham SCAs
				<i>Primnois</i>	n. sp.		2				2			2		2	
				<i>Primnois</i>		2				40				2		40	
				Mopseinae (subfam.)	n. sp.	2				3				2		3	
				Mopseinae		15	1			61	1			16		62	
				Isididae		6	1			88	1			7		89	
			Plexauridae	<i>Villogorgia</i>	sp. 1		1				1			1		1	
			Primnoidae	<i>Calyptrophora</i>			1				1			1		1	
				<i>Narella</i>	<i>hypsoalalyx</i>		1				1			1		1	
				<i>Primnoella</i>	<i>distans</i>			2				24		2		24	
				<i>Primnoella</i>	<i>insularis</i>	8				30				8		30	
				<i>Primnoella</i>		1				10				1		10	
				<i>Thouarella</i>	sp. 1			3	1			5	1	4		6	
				<i>Thouarella</i>	sp. 2			2				2		2		2	
				<i>Thouarella</i>		7	1	1		27	1	1		9		29	
			Primnoidae undet.			6				89				6		89	
		Alcyonacea undet.				4	1			122	1			5		123	
		Antipatharia	Schizopathidae	<i>Parantipathes</i>		1		1		1		1		2		2	
			Stylopathidae	<i>Triadopathes</i>		1				1				1		1	
		Antipatharia undet.						1				1		1		1	
			Corallimorphidae	<i>Corallimorphus</i>	<i>niwa</i>			1				3		1		3	
		Corallimorpharia	Pennatulidae	<i>Pennatula</i>				1				1		1		1	
		Pennatulacea	Stachyptilidae	<i>Stachyptilum</i>				1				1		1		1	
		Scleractinia	Caryophylliidae	<i>Aulocyathus</i>	<i>recidivus</i>	1				2				1		2	
				<i>Caryophyllia</i>	<i>diomedea</i>			1				1		1		1	
				<i>Caryophyllia</i>		1	8	2		6	26	13		11		45	
				<i>Desmophyllum</i>	<i>dianthus</i>	14	5	1		162	35	1		20		198	
				<i>Goniocorella</i>	<i>dumosa</i>	10				61				10		61	
				<i>Solenosmia</i>	<i>variabilis</i>			28	2			61	2	30		63	
				<i>Stephanocyathus</i>	<i>platypus</i>			1				1		1		1	
			Dendrophylliidae	<i>Enallopsammia</i>	<i>rostrata</i>	6				19				6		19	
				<i>Enallopsammia</i>		2				5				2		5	
			Flabellidae	<i>Flabellum</i>	<i>knoxii</i>	1				3				1		3	
			Oculinidae	<i>Madrepora</i>	<i>oculata</i>			5				7		5		7	
		Scleractinia undet.						4				4		4		4	
		Telestacea	Telestidae	<i>Telestula</i>				2				2		2		2	
		Zoantharia				1				1				1		1	
		Anthoathecata	Solanderiidae	<i>Solanderia</i>		1				8				1		8	
			Stylasteridae	<i>Calyptopora</i>	<i>reticulata</i>	9		1		178		3		10		181	
				<i>Calyptopora</i>		1				20				1		20	
				<i>Conopora</i>	<i>verrucosa</i>	2				7				2		7	
				<i>Crypthelia</i>	<i>fragilis</i>			1				1		1		1	
				<i>Crypthelia</i>	<i>stuederi</i>	1				1				1		1	
				<i>Crypthelia</i>	<i>stuederi</i>	2				17				2		17	
				<i>Crypthelia</i>		1				1				1		1	
				<i>Errina</i>	<i>laterorifa</i>	1				10				1		10	
				<i>Errina</i>	<i>reticulata</i>	1				1				1		1	
				<i>Errina</i>		6				41				6		41	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots		Total No. of specimens	
						Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	All Rise	Chatham SCAs	All Rise	Chatham SCAs
				<i>Errinopsis</i>	n. sp.	6				51				6		51	
				<i>Inferiolabiata</i>	<i>spinosa</i>	1				1				1		1	
				<i>Inferiolabiata</i>	n. sp. 1	1				1				1		1	
				<i>Inferiolabiata</i>		2				3				2		3	
				<i>Lepidopora</i>		1				1				1		1	
				<i>Lepidotheca</i>	<i>cervicornis</i>	1				5				1		5	
				<i>Lepidotheca</i>	<i>inconsuta</i>	1				2				1		2	
				<i>Lepidotheca</i>	<i>robusta</i>	1				1				1		1	
				<i>Lepidotheca</i>			1	1			1	1		2		2	
				<i>Sporadopora</i>	<i>mortenseni</i>	1				1				1		1	
				<i>Stephanohelia</i>	<i>praecipua</i>	1				1				1		1	
				<i>Stephanohelia</i>		4				4				4		4	
				<i>Stylaster</i>	<i>eguchii</i>			2				11		2		11	
				<i>Stylaster</i>	<i>sinuosa</i>	1				3				1		3	
				<i>Stylaster</i>	n. sp. A	1				3				1		3	
				<i>Stylaster</i>		1				3				1		3	
			Stylasteridae undet.			10	4	1		416	4	1		15		421	
		Anthoathecata undet.						1			1			1		1	
		Leptothecata	Lafoeidae	<i>Acryptolaria</i>		5		2		39		2		7		41	
				<i>Cryptolaria</i>	<i>prima</i>	1				10				1		10	
				<i>Lafoea</i>				1				1		1		1	
				<i>Zygophylax</i>		2				5				2		5	
			Sertulariidae	<i>Gigantotheca</i>	<i>cf. maxima</i>	1				1				1		1	
			Tiarannidae					1				1		1		1	
		Hydrozoa undet. Scyphozoa				3	2	3		73	2	6		8		81	
							1				1			1		1	
Echinodermata	Asteroidea	Brisingida	Brisingidae	<i>Brisinga</i>	<i>tasmani novaezealandiae</i>		1				1			1		1	
				<i>Novodinia</i>	<i>ae</i>			4			4			4		4	
				<i>Freyella</i>	<i>echinata</i>			2	1		5	1		3		6	
				<i>Hymenodiscidae</i>	<i>ae</i>	1				1				1		1	
		Brisingida undet. Forcipulatida	Asteriidae	<i>Allostichaster</i>	<i>farquhari</i>	2		6		2	17			8		19	
				<i>Allostichaster</i>				1				2		1		2	
				<i>Cosmasterias</i>	<i>dyscrita</i>	1				1				1		1	
				<i>Pseudechinaster</i>	<i>rubens</i>			1			6			1		6	
				<i>Sclerasterias</i>	<i>mollis</i>			1			1			1		1	
				<i>Smilasterias</i>	<i>actinata</i>	4		2		6	3			6		9	
				<i>Smilasterias</i>				3			3			3		3	
			Asteriidae undet.			2				2				2		2	
			Labidiasteridae	<i>Coronaster</i>	<i>reticulatus</i>	1				2				1		2	
			Benthopectinidae														
		Notomyotida		<i>Cheiraster</i>	<i>otagoensis</i>			1			1			1		1	
				<i>Cheiraster</i>				1			1			1		1	
					<i>cf. aucklandiae</i>												
		Spinulosida	Echinasteridae	<i>Henricia</i>				1			1			1		1	

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						Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	All Rise	Chatham SCAs	All Rise	Chatham SCAs
				<i>Henricia</i>	<i>aucklandiae</i>	2	2			2	3			4	5		
				<i>Henricia</i>	<i>compacta</i>		1				1			1	1		
		Valvatida	Asterinidae	<i>Tremaster</i>	<i>mirabilis</i>	1				1				1	1		
			Goniasteridae	<i>Ceramaster</i>	<i>patagonicus</i>		1				1			1	1		
				<i>Ceramaster</i>	<i>sp. B</i>	1	4	3		1	4	3		8	8		
				<i>Cladaster</i>	<i>latus</i>	1				1				1	1		
				<i>Mediaster</i>	<i>australiensis</i>		2				2			2	2		
				<i>Mediaster</i>			1				1			1	1		
				<i>Pillsburiaster</i>	<i>aoteanus</i>				1				1	1	1		
				<i>Plinthaster</i>	<i>dentatus</i>									1	1		
			Goniasteridae				1				1			1	1		
			Odontasteridae	<i>Odontaster</i>	<i>benhami</i>	2				2				2	2		
			Poraniidae	<i>Marginaster</i>	<i>patriciae</i>		3				3			3	3		
			Solasteridae	<i>Crossaster</i>	<i>multispinus</i>		1	1			1	2		2	3		
				<i>Paralophaster</i>	<i>hyalinus</i>			1				1		1	1		
		Velatida	Korethrasteridae	<i>Peribolaster</i>	<i>licitor</i>		4				5			4	5		
	Asteroidea undet.					9				12				9	12		
	Crinoidea	Articulata	Antedonidae	<i>Psathyrometra</i>			1				1			1	1		
				<i>Thaumatometra</i>	<i>alternata</i>	2	7	2		2	38	23		11	63		
				<i>Tonrometra</i>	<i>multicirra</i>		1				3			1	3		
				<i>Tonrometra</i>	<i>spinulifera</i>		1				9			1	9		
				<i>Tonrometra</i>	sp. A		2				4			2	4		
				<i>Tonrometra</i>	sp. B		1				1			1	1		
				<i>Tonrometra</i>	sp. C		1				1			1	1		
			Antedonidae				1				3			1	3		
			Charitometridae	<i>Glyptometra</i>		1				200				1	200		
			Charitometridae		sp. A		3				3			3	3		
			Charitometridae		sp. B		4	1			16	3		5	19		
			Thalassometridae														
				<i>Aglaometra</i>		1				1				1	1		
				<i>Cosmiometra</i>		3				4				3	4		
				<i>Oceanometra</i>	<i>amandalei</i>	1				3				1	3		
				<i>Oceanometra</i>		1				1				1	1		
				<i>Thalassometra</i>		1				1				1	1		
				<i>Porphyrocrinus</i>			1				1			1	1		
		Bourgueticrinida	Phrynocrinidae				1				1			1	1		
		Comatulida					1				1			1	1		
		Cyrtocrinida	Hyocrinidae	<i>Thalassocrinus</i>	n. sp.		1				1			1	1		
	Crinoidea undet.					1		1		1		1		2	2		
	Echinoidea	Camarodonta	Echinidae	<i>Dermochinus</i>	<i>horridus</i>	1				1				1	1		
					<i>multidentatus</i>												
				<i>Gracilechinus</i>				1				1		1	1		
		Cidaroida	Cidaridae	<i>Goniocidaris</i>	<i>florigera</i>	5				17				5	17		
				<i>Histocidaris</i>		2				5				2	5		
		Cidaroida undet.				4				19				4	19		
		Echinothurioida	Echinothuriidae	<i>Araeosoma</i>	<i>alternatum</i>	2				4				2	4		
				<i>Sperosoma</i>				1				1		1	1		
		Pedinoida	Pedinidae	<i>Caenopedina</i>	<i>otagoensis</i>		2				2			2	2		
		Spatangoida	Spatangidae	<i>Spatangus</i>	<i>mathesoni</i>			1				1		1	1		
	Holothuroidea	Aspidochirotida	Synallactidae	<i>Bathyplores</i>	<i>moseleyi</i>		1				1			1	1		
				<i>Bathyplores</i>				1				1		1	1		

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots		Total No. of specimens	
						Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	All Rise	Chatham SCAs	All Rise	Chatham SCAs
		Dendrochirotida	Psolidae	<i>Psolus</i>	<i>antarcticus</i>			1				1			1		1
		Molpadiida	Molpadiidae	<i>Molpadia</i>	sp. 1		1				1				1		1
				<i>Molpadia</i>	sp. 3		1				1				1		1
	Holothuroidea undet.							1				4			1		4
	Ophiuroidea	Euryalida	Asteroschematidae	<i>Ophiocreas</i>	<i>oedipus</i>		1	1			1	1			2		2
			Gorgonocephalidae	<i>Astrothorax</i>	<i>waitei</i>	14					61				14		61
		Ophiurida	Amphiuridae	<i>Amphioplus</i>	n. sp. (MoV 2722)		5	3				14	4		8		18
				<i>Amphiura</i>	<i>magellanica</i>		1					4			1		4
				<i>Amphiura</i>	n. sp.		6	5				42	20		11		62
				<i>Amphiura</i>			1					1			1		1
			Ophiacanthidae	<i>Ophiacantha</i>	<i>brachygnatha</i>												
				<i>Ophiacantha</i>	<i>a</i>	2	6	4			2	12	11		12		25
				<i>Ophiacantha</i>	<i>densispina</i>			2				7			2		7
				<i>Ophiacantha</i>	cf. <i>rosea</i>	3					4				3		4
				<i>Ophiacantha</i>	<i>rosea</i>			4				61	15		17		76
				<i>Ophiacantha</i>	<i>spectabilis</i>	1	12	4			1	87	26		17		114
				<i>Ophiacantha</i>	<i>vepratrica</i>	2	4	2			4	7	3		8		14
				<i>Ophiacantha</i>	<i>vivipara</i>		14	6				300	39		20		339
				<i>Ophiacantha</i>	<i>yaldwyni</i>		3					3			3		3
				<i>Ophiacantha</i>	cf. n. sp. (MoV 2780)	5					14				5		14
				<i>Ophiacantha</i>	n. sp. (MoV 2780)	1					8				1		8
				<i>Ophiacantha</i>	n. sp. (MoV 4537)			4				5			4		5
				<i>Ophiocamax</i>	<i>brevicetra</i>			3				5			3		5
				<i>Ophiomitrella</i>	<i>confertus</i>	3					40				3		40
				<i>Ophiophthalmus</i>	<i>relictus</i>		2	2				2	2		4		4
				<i>Ophioplinthaca</i>	<i>plicata</i>			1				1			1		1
			Ophiactidae	<i>Ophiactis</i>	<i>abyssicola</i>	11	13	8			75	150	43		32		268
				<i>Ophiactis</i>	<i>hirta</i>	3	4	2			5	10	8		9		23
				<i>Ophiactis</i>	<i>profundi</i>	7					27				7		27
			Ophiochitonidae	<i>Ophiochiton</i>	<i>lentus</i>	3					7				3		7
			Ophiolepididae	<i>Ophiomusium</i>	<i>lymani</i>		4					9			4		9
			Ophiomyxidae	<i>Ophiologimus</i>	<i>prolifer</i>		2	1				2	1		3		3
				<i>Ophiolycus</i>	cf. <i>nutrix</i>		4	1				13	4		5		17
				<i>Ophiomyxa</i>	n. sp. (MoV 5486)	10	9	6			26	55	57		25		138
				<i>Ophiomyxa</i>			2					16			2		16
				<i>Ophiomyxa</i>			3	1				29	20		4		49
			Ophiuridae	<i>Amphiophiura</i>	? <i>bakeri</i>	1					1				1		1
				<i>Amphiophiura</i>	<i>bakeri</i>	1					3				1		3
				<i>Amphiophiura</i>		1					1				1		1
				<i>Ophiocten</i>	<i>cryptum</i>		8	2				18	2		10		20
				<i>Ophiomastus</i>				1					1		1		1

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						Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	All Rise	Chatham SCAs	All Rise	Chatham SCAs
				<i>Ophiura</i>	<i>cf. irrorata</i>			7	1			38	1		8		39
				(<i>Ophiuroglypha</i>)	<i>irrorata</i>												6
				<i>Ophiura</i>	<i>concreta</i>			4				6			4		1
				(<i>Ophiuroglypha</i>)	<i>lapidaria</i>										1		1
				<i>Stegophiura</i>	<i>lapidaria</i>	1						1			1		1
				<i>Stegophiura</i>	<i>singletoni</i>	3						5			3		5
			Ophiurida undet.			3						64			3		64
	Ophiuroidea undet.																
	Asterozoa (subclass) undet.					1						31			1		31
Echiura undet.	Echiuroidea	Echiuroidea	Bonelliidae						1						1		1
						2	2					2	5		4		7
Hemichordata	Pterobranchia	Rhabdopleuroidea	Rhabdopleuridae	<i>Rhabdopleura</i>				1				1			1		1
				<i>Bentharca</i>	sp. A	2						4			2		4
				<i>Bentharca</i>	sp. B	2						9			2		9
				<i>Bentharca</i>		4						4			4		4
			Limopsidae	<i>Limopsis</i>	<i>tasmani</i>	1						1			1		1
			Philobryidae					1	1			1	1		2		2
		Heterodonta (unassigned)	Cuspidariidae	<i>Austroneaera</i>				1					1		1		1
				<i>Cuspidaria</i>	n. sp. Y	1						1			1		1
				<i>Cuspidaria</i>	sp. B	1						1			1		1
		Limida	Limidae	<i>Escalima</i>	<i>regularis</i>			1					1		1		1
				<i>Limatula</i>				2					2		2		2
		Nuculida	Nuculidae	<i>Pronucula</i>	<i>capulus</i>			1					1		1		1
		Pectinida	Pectinidae	<i>Delectopecten</i>	<i>fosterianus</i>	1						1			1		1
				<i>Veprichlamys</i>	<i>kiwaensis</i>	4						8			4		8
	Bivalvia undet.					3						4			3		4
	Cephalopoda	Octopoda				1						1			1		1
		Oegopsida	Onychoteuthidae	<i>Onykia</i>	<i>ingens</i>				1						1		2
		Sepiida	Sepiadariidae	<i>Sepioloidea</i>		1						2			1		2
		Caenogastropoda (unassigned)															
	Gastropoda		Epitoniidae	<i>Epitonium</i>	sp. 1			1					1		1		1
			Nystiellidae	<i>Iphitus</i>				5	1				5	1	6		6
				<i>Murdochella</i>				1					1		1		1
		Cephalaspidea	Retusidae					1					1		1		1
			Scaphandridae	<i>Scaphander</i>				1					1		1		1
		Heterobranchia (unassigned)						1					1		1		1
			Cimidae					2	1				2	1	3		3
			Pyramidellidae					1					1		1		1
		Lepetellida	Anatomidae	<i>Anatoma</i>	<i>flemingi</i>			1					1		1		1
				<i>Anatoma</i>				1					1		1		1
				<i>Cranopsis</i>				1					1		1		1
				<i>Puncturella</i>				1	1				1	1	2		2
		Littorinimorpha	Naticidae	<i>Falsilunatia</i>	<i>powelli</i>			1	2				1	4	3		5
			Naticidae undet.					2					2		2		2
			Ranellidae	<i>Fusitriton</i>	<i>laudandus</i>	1		1	3			1	1	5	5		7

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		Neogastropoda	Rissoiidae	<i>Pusillina</i>			1				1				1		1
			Buccinidae	<i>Aeneator</i>	<i>elegans</i>		1				1				1		1
				<i>Penion</i>	<i>benthicolus</i>				1			1			1		1
			Cancellariidae		sp. 9			1				1			1		1
			Columbellidae	<i>Zemitrella</i>				2				2			2		2
			Costellariidae					1				1			1		1
			Drillidae	<i>Splendrillia</i>	sp. C		1				1				1		1
				<i>Splendrillia</i>								1			1		1
			Mitromorphidae					2				2			2		2
			Muricidae	<i>Enixotrophon</i>	<i>tangaroa</i>			1				1			1		1
				<i>Enixotrophon</i>	<i>venusta</i>			2				2			2		2
				<i>Enixotrophon</i>	sp. B			1				1			1		1
			Nassariidae	<i>Nassarius</i>	<i>ephamillus</i>			5	3			27	5		8		32
			Olividae	<i>Amalda</i>	<i>benthicola</i>		3	2				3	2		5		5
			Pseudomelatomidae					2				2			2		2
			Ptychactractidae	<i>Egestas</i>				1				1			1		1
			Ptychactractidae	<i>Metzgeria</i>			1					1			1		1
					<i>membranacea</i>												
			Raphitomidae	<i>Xanthodaphne</i>	<i>a</i>		1					1			1		1
			Raphitomidae undet.					5	1			5	1		6		6
			Volutomitridae	<i>Volutomitra</i>	<i>banksi</i>			1				1			1		1
		Patellogastropoda (unassigned)	Lepetidae					2				2			2		2
		Seguenziida	Seguenziidae	<i>Moelleriopsis</i>				1				1			1		1
		Thecosomata (pteropods)	Cavoliniidae	<i>Cavolinia</i>	<i>tridentata</i>			1				3			1		3
			Calliostomatidae														
		Trochida		<i>Calliostoma</i>			2	1				3	1		3		4
				<i>Venustatrochus</i>	<i>eclectus</i>			4				4			4		4
			Margaritidae	<i>Antimargarita</i>	<i>maoria</i>			1	1			1	1		2		2
				<i>Antimargarita</i>	sp. 1			1				1			1		1
			Skeneidae	<i>Lapidicola</i>				2				2			2		2
				<i>Lissotesta</i>				2				2			2		2
			Skeneidae undet.					3				3			3		3
			Solariellidae	<i>Archiminolia</i>	<i>meridiana</i>			1	1			1	1		2		2
		Gastropoda undet.					5	1				8	10		6		18
		Polyplocophora	Chitonida	Acanthochitonidae			1					1			1		1
				Loricidae	<i>Notoplax</i>		2					2			2		2
					<i>profundior</i>												
		Polyplocophora undet.					1					1			1		1
		Scaphopoda					1	2				1	2		3		3
Nemertea							6					9			6		9
Porifera	Demospongiae	Dictyoceratida	Irciniidae	<i>Ircinia</i>	<i>turrita</i>		2					3			2		3
		Hadromerida	Alectonidae	<i>Alectona</i>				1				1			1		1
					cf. <i>irregularis</i>							2			2		2

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots		Total No. of specimens	
						Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	All Rise	Chatham SCAs	All Rise	Chatham SCAs
				<i>Spinularia</i>	<i>australis</i>		5	2			27	2		7		29	
				<i>Spinularia</i>	n. sp. 1	1				1				1		1	
				<i>Tentorium</i>	<i>semisuberites</i>	1	1			1	1			2		2	
			Suberitidae	<i>Plicatellopsis</i>	n. sp. 3		1				1			1		1	
				<i>Suberites</i>	cf. n. sp. 2			1				4		1		4	
				<i>Suberites</i>	n. sp. 1		2				2			2		2	
		Halichondrida	Axinellidae	<i>Axinella</i>	n. sp. 4	2				2				2		2	
				<i>Phakellia</i>	n. sp. 1	1				7				1		7	
			Bubaridae	<i>Bubaris</i>	<i>vermiculata</i>	4				14				4		14	
				<i>Haliclona</i>	(<i>Gellius</i>)												
		Haplosclerida	Chalinidae		<i>regia</i>		1				1			1		1	
					cf.												
				Petrosiidae	<i>Xestospongia</i>	1				1				1		1	
			Phloeodictyidae		<i>Calyx</i>		1				1			1		1	
		Lithistid															
		Demospongiae	Phymatellidae	<i>Neoaulaxinia</i>	<i>persicum</i>			1				1		1		1	
					cf.												
					<i>diegoramirezensis</i>	1				1				1		1	
		Poecilosclerida	Cladorhizidae	<i>Abyssocladia</i>	<i>ensis</i>									1		1	
				<i>Abyssocladia</i>	n. sp. D		1				23			1		23	
				<i>Abyssocladia</i>	n. sp. G		3				3			3		3	
				<i>Abyssocladia</i>	n. sp. H		2				2			2		2	
				<i>Abyssocladia</i>	n. sp. H		1	1			1	1		2		2	
				<i>Asbestopluma</i>	(<i>Asbestopluma</i>)			3			3			3		3	
				<i>Asbestopluma</i>	<i>desmophora</i>		3				3			1		1	
				<i>Chondrocladia</i>	(<i>Meliiderma</i>)			1				1		1		1	
				<i>Chondrocladia</i>	<i>turbiformis</i>		9				9			9		9	
				<i>Chondrocladia</i>			1				1			1		1	
				<i>Cladorhiza</i>			1				1			1		1	
			Cladorhizidae undet.			1				20				1		20	
			Coelosphaeridae	<i>Coelosphaera</i>			1				1			1		1	
				<i>Lissodendoryx</i>	<i>bifacialis</i>	1				1				1		1	
				<i>Lissodendoryx</i>	(<i>Ectyodoryx</i>)			1			1			1		1	
			Dendoricellidae	<i>Pylocladia</i>	<i>demonstrans</i>		2				2			2		2	
			Desmacellidae	<i>Desmacella</i>	n. sp. 2	1				1				1		1	
					<i>microstrongyla</i>												
			Hymedesmiidae	<i>Hymedesmia</i>	<i>la</i>		1				1			1		1	
			Microcionidae	<i>Ophlitaspongia</i>	n. sp. 2		1				1			1		1	
				<i>Myxilla</i>													
			Myxillidae	(<i>Ectyomyxilla</i>)	n. sp. 4		1				1			1		1	
			Phellodermidae	<i>Echinostylinos</i>	<i>stylophora</i>		2				2			2		2	
				<i>Phelloderma</i>				1				1		1		1	
		Tetractinellida	Ancorinidae	<i>Ancorina</i>	<i>globosa</i>	1				2				1		2	
					<i>palmatoclada</i>												
				<i>Penares</i>	<i>a</i>	2				8				2		8	
				<i>Stelletta</i>	cf. <i>conulosa</i>	1				1				1		1	

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots		Total No. of specimens	
						Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	All Rise	Chatham SCA	All Rise	Chatham SCA
					cf. <i>phialimorpha</i>												
					<i>Stelletta a</i>		1				1			1			1
					<i>Stelletta cf. radicifera</i>		1	1			1	1		2			2
					<i>Stelletta n. sp. 1</i>	1	7			1	7			8			8
					<i>Stelletta n. sp. 2</i>		1				1			1			1
					<i>Stelletta n. sp. 10</i>	1	7			1	29			8			30
					<i>Stelletta</i>		7				7			7			7
			Geodiidae		<i>Tethyopsis cf. n. sp. 3</i>	1				1				1			1
					<i>Erylus niger</i>	1				10				1			10
					<i>Geodia ewok</i>		17	2			29	2		19			31
					<i>Pachymatisma nodosa palmatoclada</i>	5				18				5			18
					<i>Penares a</i>	1				1				1			1
			Pachastrellidae		<i>Pachastrella n. sp. 1</i>	1				1				1			1
					<i>Poecillastra laminaris</i>	4	1	3		9	1	3		8			13
					<i>Poecillastra schulzei</i>		2				2			2			2
					<i>Poecillastra n. sp. 2</i>	1	4	1		1	4	1		6			6
					<i>Poecillastra n. sp. 3</i>	2				2				2			2
					<i>Vulcanella (Vulcanella) orthotriaena</i>			1	2			1	2		3		3
		Tetractinellida undet.							2				3		2		3
	Demospongiae undet.					4								4			17
	Hexactinellida	Amphidiscosida	Pheronematidae	<i>Pheronema</i>	cf. <i>conicum</i>			1				1		1			1
				<i>Semperella</i>	<i>schultzei</i>			1			1			1			1
		Aulocalycoida	Aulocalycidae	<i>Euryplegma</i>	<i>auriculare</i>			1			1			1			1
					<i>beatrix</i>												
		Hexactinosida	Aphrocallistidae	<i>Aphrocallistes</i>	<i>beatrix</i>	9	6	2		37	10	2		17			49
			Euretidae	<i>Chonelasma</i>	<i>lamella</i>	3				8				3			8
				<i>Chonelasma</i>	<i>lamella</i>	1	2	1		5	8	1		4			14
				<i>Conorete</i>	<i>gordoni</i>			1				4		1			4
			Chonelasmatinae (subfam.)			1				1				1			1
			Farreidae	<i>Farrea</i>	<i>ananchorata</i>	1				5				1			5
					<i>anoxyhexastra</i>												
				<i>Farrea</i>	<i>a</i>		1	1			1	1		2			2
				<i>Farrea</i>	<i>occa occa</i>	1	3			3	3			4			6
					<i>onychohexas</i>												
				<i>Farrea</i>	<i>tera</i>			1			1			1			1
				<i>Farrea</i>	<i>similaris</i>	1				1				1			1
				<i>Farrea</i>		2				2				2			2
			Farreidae undet.			2				2				18			19
			Tretodictyidae	<i>Hexactinella</i>		1	16			5	17			1			5
				<i>Psilocalyx</i>	<i>wilsoni</i>	1				5				1			5
		Lyssacosida	Euplectellidae	<i>Regadrella</i>	<i>phoenix</i>			2				2		2			2
			Euplectellidae undet.					1				1		1			1
			Rossellidae	<i>Caulophacus</i>	<i>lotifolium</i>	2				3				2			3
				<i>Crateromorpha</i>		1				1				1			1

Phylum	Class	Order	Family	Genus	Species	No. of lots				No. of specimens				Total No. of lots		Total No. of specimens	
						Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	Diamond Head	Gothic / Pyre	Mor gue	Seamou nt 328	All Rise	Chatham SCAs	All Rise	Chatham SCAs
				<i>Hyalascus</i>	cf. n. sp.	1				1				1		1	
				<i>Hyalascus</i>	n. sp. 1	1				3				1		3	
				<i>Hyalascus</i>	n. sp. 2	3				52				3		52	
		Lyssacinossida undet.				1				2				1		2	
	Hexactinellida undet.					2				4				2		4	
Porifera undet.						10	1	1		24	1	1		12		26	
Grand Total						645	650	209	1	4236	3416	933	1	1505		8586	

Southern region (note Seamount 358 and Seamount 401 have no samples collected in them from any of the collections data sourced)

Phylum	Class	Order	Family	Genus	Species	No. of lots			No. of specimens			Total No. of lots	Total No. specimens
						Bollos	Seamount 375 / Seamount	Christable	Bollos	Seamount 375 / Seamount	Christable	All subantarctic SCAs	All subantarctic SCAs
Annelida	Polychaeta	Eunicida	Eunicidae	<i>Eunice</i>	sp. 1	2			3			2	3
				<i>Eunice</i>	sp. 2			1			1	1	1
		Phyllodocida	Polynoidae	<i>Harmothoe</i>	sp. 1			1			2	1	2
				<i>Harmothoe</i>	sp. 2	1			1			1	1
			Polynoidae undet.			1			4			1	4
Annelida undet.													
Arthropoda	Malacostraca	Decapoda	Acanthephyridae	<i>Acanthephyra</i>	<i>pelagica</i>	1			2			1	2
			Atelecyliidae	<i>Trachycarcinus</i>									
			Chirostylidae	<i>Chirostylus</i>	<i>rogeri</i>								
			Lithodidae	<i>Lithodes</i>	<i>macquariae</i>			2			2	2	2
				<i>Neolithodes</i>	<i>brodiei</i>			1			1	1	1
					cf.								
			Munididae	<i>Munida</i>	<i>chathamensis</i>			1			1	1	1
				<i>Munida</i>	<i>chathamensis</i>			3			25	3	25
				<i>Munida</i>	<i>isos</i>			7			117	7	117
			Nematocarcinidae										
			Paguridae	<i>Lipkius</i>	<i>holthuisi</i>	1			1			1	1
		Decapoda undet.											
		Isopoda	Aegidae	<i>Rocinela</i>	<i>resima</i>				2			2	2
	Maxillopoda	Pedunculata	Scalpellidae	<i>Arcoscalpellum</i>		1			1			1	1
	Pycnogonida					3			3			3	3
Brachiopoda	Articulata	Terebratulida	Chlidonophoridae	<i>Eucalathis</i>	<i>murrayi</i>								
			Kingeniidae	<i>Enomiosia</i>	<i>inexpectata</i>	1			4			1	4
			Terebratulidae	<i>Liothyrella</i>	<i>neozelanica</i>	1			1			1	1
Bryozoa	Gymnolaemata	Cheilostomata	Bifaxariidae	<i>Diplonotos</i>	<i>continuus</i>				2			2	2

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total No. of lots	Total No. specimens
						Bollos	Seamount 375 / Christable Seamount	Bollos	Seamount 375 / Christable Seamount	All subantarctic SCAs	All subantarctic SCAs
					<i>novus</i>		1		1	1	1
			Bitectiporidae	<i>Bitectipora</i>	n. sp.		1		1	1	1
				<i>Hippothyris</i>	n. sp.		1		1	1	1
				<i>Hippothyris</i>			2		3	2	3
				<i>Schizosmittina</i>			1		1	1	1
			Buffonellodidae	<i>Buffonellodes</i>			1		1	1	1
				<i>Ipsibuffonella</i>	n. sp.		1		1	1	1
				<i>Ipsibuffonella</i>			2		2	3	3
			Calloporidae	<i>Amphiblestrum</i>	<i>vitreum</i>	1	1	1	1	1	1
				<i>Candoscrapocellaria</i>			1		1	1	1
				<i>Ellisina</i>	n. sp.		1		1	1	1
				<i>Ellisina</i>			1		1	1	1
			Cellariidae	<i>Stomhypselosaria</i>			3		3	3	3
			Cellariidae undet.				1		1	1	1
			Celleporidae	<i>Buffonellaria</i>			2		2	2	2
				<i>Galeopsis</i>	<i>mimicus</i>		1		1	1	1
				<i>Lagenipora</i>			1		1	1	1
				<i>Osthimosia</i>			2		2	2	2
			Chaperiidae	<i>Chaperia</i>	<i>multispinosa</i>		2		2	2	2
				<i>Chaperia</i>	n. sp.		4		4	4	4
				<i>Chaperia</i>			1		1	1	1
				<i>Chaperiopsis</i>	cf. <i>cristata</i>		3		3	3	3
				<i>Chaperiopsis</i>	<i>xylochotridensis</i>		1		1	1	1
			Cribriliniidae	<i>Figularia</i>	n. sp.		3		3	3	3
				<i>Figularia</i>		1	1	1	1	2	2
			Eminoeciidae	<i>Macrocamera</i>			1		1	1	1
			Lacernidae	<i>Nimba</i>	<i>tubulata</i>		1		1	1	1
				<i>Nimba</i>	n. sp.		3		3	3	3
				<i>Nimba</i>			1		1	1	1
				<i>Phonicosia</i>	n. sp.		1		1	1	1
				<i>Phonicosia</i>			2		2	2	2
			Lepraliellidae	<i>Celleporaria</i>			2		2	2	2
			Mawatariidae	<i>Mawatarius</i>	<i>secundus</i>		1		1	1	1
			Microporellidae	<i>Fenestulina</i>	n. sp.		1		1	1	1
				<i>Fenestulina</i>			2		2	2	2
			Microporidae	<i>Micropora</i>	<i>galactica</i>	1	1	1	1	1	1
				<i>Micropora</i>	<i>ordinaria</i>	1	1	2	1	1	2
				<i>Opaeophora</i>	<i>monopia</i>		1		1	1	1
				<i>Otomicropora</i>	<i>otus</i>		1		1	1	1
				<i>Promicroa</i>	<i>dubitata</i>		1		1	1	1
			Phidoloporidae	<i>Reteporellina</i>	<i>sagittoides</i>		1		1	1	1
					cf.						
			Porinidae	<i>Haswelliporina</i>	<i>multiaviculata</i>		2		2	2	2
				<i>Haswelliporina</i>			2		2	2	2
			Pyriporoididae	<i>Pyriporoides</i>	<i>circularis</i>		1		1	1	1
				<i>Pyriporoides</i>	<i>libita</i>		1		1	1	1

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						Bollos	Seamount 375 / Christable Seamount	Bollos	Seamount 375 / Christable Seamount	All subantarctic SCAs	All subantarctic SCAs			
Bryozoa undet.	Stenolaemata	Cyclostomata	Romancheinidae	<i>Escharella</i>	cf. <i>spinosissima</i>		1		1	1	1	1		
				<i>Escharella</i>		1		1		1	1	1		
			Smittinidae	<i>Smittina</i>	<i>abyssicola</i>		1		1		1	1	1	
				<i>Smittina</i>		3		3		5	5	5		
				<i>Smittoidea</i>	n. sp. 1		1		1		1	1	1	
				<i>Smittoidea</i>	n. sp. 2		1		1		1	1	1	
			Annectocymidae	<i>Entalophoroecia</i>		1		1		1	1	1	1	
			Horneridae	<i>Homeohornera</i>	n. sp.	1		1		1	1	1	1	
				<i>Hornera</i>	<i>minutissima</i>		1		1		1	1	1	
								1		1		1	1	
Cnidaria	Anthozoa	Actiniaria	Actinermidae	<i>Actinermus</i>		1		1		1	1	1		
			Alcyoniidae	<i>Anthomastus</i>		1		5		1	5	5		
			Alcyoniidae		sp. 2		2		2		2	2		
			Anthothelidae	<i>Anthothela</i>	<i>vickersi</i>		1		1		1	1	1	
			Clavulariidae			2		2		2	2	2		
			Isididae	<i>Echinisis</i>	sp. 1		2		2		2	2		
				<i>Karakaisis</i>	<i>waipounamu</i>		1		1		1	1	1	
				<i>Keratoisis</i>	<i>glaesa</i>		1		1		1	1	1	
				<i>Keratoisis</i>		2		2		2	2	2		
				<i>Primnoisis</i>		1		4		1	4	4		
				<i>Sclerisis</i>		1		1		1	1	1		
			Isididae		n. gen.		2		2		2	2	2	
			Isididae undet.			1		2		1	2	3	3	
			Mopseinae		n. gen.		4		4		4	4	4	
			Mopseinae		n. sp. A		3		3		3	3	3	
		Mopseinae undet.			1		1		1		1	1		
		Primnoidae	<i>Primnoa</i>	cf. <i>notialis</i>	1		1		1		1	1		
			<i>Primnoa</i>	<i>notialis</i>	3		3		3		3	3		
			<i>Thouarella</i>	sp. 1		1		1		1	1	1		
			<i>Thouarella</i>	sp. 6		1		1		1	1	1		
			<i>Thouarella</i>		1		1		1		1	1		
			<i>Tokoprymno</i>	<i>maia</i>		2		2		2	2	2		
		Primnoidae undet.			5		5		5		5	5		
		Gorgonacea undet.			2		2		2		2	2		
				<i>gowlettholmesae</i>										
		Pennatulacea	Anthoptilidae	<i>Anthoptilum</i>		1		1		1		1	1	
		Scleractinia	Caryophylliidae	<i>Caryophyllia</i>		sp. 1		2		4		2	4	4
				<i>Caryophyllia</i>				2		4		2	4	4
				<i>Goniocorella</i>		<i>dumosa</i>		2		2		2	2	2
				<i>Solenosmitia</i>		<i>variabilis</i>		2		3		4	5	6
Dendrophylliidae	<i>Enallopsammia</i>			<i>rostrata</i>		1		2		1	2	2		
	<i>Enallopsammia</i>					1		1		1	1	1		
Flabellidae	<i>Flabellum</i>			<i>apertum</i>		1		2		1	2	2		
	<i>Javania</i>			sp. 2		1		1		1	1	1		
	<i>Javania</i>					1		4		2	2	6		

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total No. of lots	Total No. specimens		
						Bollos	Seamount 375 / Christable Seamount	Bollos	Seamount 375 / Christable Seamount	All subantarctic SCAs	All subantarctic SCAs		
Hydrozoa	Anthoathecata		Oculinidae	<i>Madrepora</i>	<i>oculata</i>	1		1		1	1		
			Stylasteridae	<i>Calyptopora</i>		4		4		4	4		
				<i>Conopora</i>	<i>verrucosa</i>			2		11	2	11	
				<i>Crypthelia</i>	sp. 1			1		1	1	1	
				<i>Inferiolabiata</i>				1		1	1	1	
				<i>Stylaster</i>				2		2	2	2	
				Stylasteridae undet.				1	1	1	1	2	2
				Leptothecata	Aglaopheniidae				1		1	1	1
					Sertulariidae	<i>Symplectoscyphus</i>			1		1	1	1
				Leptothecata undet.					1		2	1	2
Echinodermata	Asteroidea	Forcipulatida	Asteriidae	<i>Allostichaster</i>	<i>farquhari</i>			1		1	1		
				<i>Smilasterias</i>	<i>actinata</i>			1		1	1	1	
				<i>Cheiraster</i>	<i>otagoensis</i>	1		1		1	1	1	
				<i>Dipsacaster</i>	<i>magnificus</i>			2		2	2	2	
				<i>Psilaster</i>	<i>acuminatus</i>			1		1	1	1	
			Astropectinidae undet.				1		1		1	1	
			Spinulosida	Echinasteridae	<i>Henricia</i>	<i>aucklandiae</i>			2		4	2	4
					<i>Henricia</i>	<i>compacta</i>			2	1	3	3	4
					<i>Henricia</i>	<i>obesa</i>			1		1	1	1
			Valvatida	Goniasteridae	<i>Cladaster</i>	<i>latus</i>			3		4	3	4
				<i>Pillsburiaster</i>	<i>indulitis</i>			4		6	4	6	
			Solasteridae	<i>Crossaster</i>									
				<i>Paralophaster</i>	<i>hyalinus</i>	1		1		1	1	1	
		Velatida	Pterasteridae	<i>Pteraster</i>		1		1		1	1	1	
	Crinoidea	Articulata	Antedonidae	<i>Thaumatometra</i>		2		2		2	2	2	
		Bourgueticrinida	Phrynocrinidae	<i>Phrynocrinus</i>		1		1		1	1	1	
			Phrynocrinidae undet.				1		3		1	3	
			Cyrtocrinida	Hyocrinidae			1		1		1	1	
	Echinoidea	Camarodonta	Echinidae	<i>Dermechinus</i>	<i>horridus</i>	1		1		1	1	1	
				<i>Dermechinus</i>									
				<i>Gracilechinus</i>	<i>multidentatus</i>	3	1	8	1	4	9		
			Cidaroida	Cidaridae	<i>Aporocidaris</i>	<i>milleri</i>	1		8		1	8	
					<i>Goniocidaris</i>	<i>florigera</i>		1		2	1	2	
		Echinothurioida	Echinothuriidae	<i>Araeosoma</i>	<i>anattirostrum</i>		3		4	3	4		
				<i>Araeosoma</i>	<i>bidentatum</i>		3		6	3	6		
				<i>Araeosoma</i>	<i>leppienae</i>		1		1	1	1		
			<i>porphyrogigas</i>										
	Pedinoida	Pedinidae	<i>Caenopedina</i>		1		2		1	2			
Ophiuroidea	Euryalida	Asteroschematidae	<i>Ophiocreas</i>	<i>caudatus</i>	1		3		1	3			
			<i>Ophiocreas</i>	<i>mortenseni</i>	1		3		1	3			
			<i>Ophiocreas</i>	<i>sibogae</i>									
			<i>Ophiocreas</i>		1		3		1	3			
		Ophiurida	Ophiacanthidae	<i>Ophiacantha</i>	<i>brachygnatha</i>	1		1		1	1		

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total No. of lots	Total No. specimens
						Bollos	Seamount 375 / Christable Seamount	Bollos	Seamount 375 / Christable Seamount	All subantarctic SCAs	All subantarctic SCAs
				<i>Ophiacantha</i>	<i>densispina</i>	1		14		1	14
				<i>Ophiacantha</i>	<i>rosea</i>	1	2	1	6	3	7
				<i>Ophiacantha</i>	<i>spectabilis</i>	1		11		1	11
				<i>Ophiacantha</i>	<i>vivipara</i>		2		15	2	15
				<i>Ophiolebes</i>		1		1		1	1
				<i>Ophiurothamnus</i>	<i>clausa</i>	2	2	2	2	4	4
			Ophiactidae	<i>Ophiactis</i>	<i>abyssicola</i>	4	6	257	61	10	318
			Ophiomycetidae	<i>Ophiomyces</i>	<i>grandis</i>	1		2		1	2
					n. sp. (MoV 5486)						
			Ophiomyxidae	<i>Ophiomyxa</i>		1		3		1	3
				<i>Ophiomyxa</i>			1		1	1	1
				<i>Ophioscolex</i>		1		1		1	1
			Ophiuridae	<i>Ophiocten</i>	<i>hastatum</i>	2		33		2	33
				<i>Ophiocten</i>	n. sp. ?	1		3		1	3
				<i>Ophiopleura</i>	<i>inermis</i>	1	1	2	1	2	3
				<i>Ophiura (Ophiuroglypha)</i>	cf. <i>irrorata</i>	1		3		1	3
				<i>Ophiura (Ophiuroglypha)</i>	<i>irrorata</i>	2	2	3	2	4	5
				<i>Stegophiura</i>	<i>singletoni</i>	3		7	12	5	19
				<i>Stegophiura</i>				1	1	1	1
Mollusca	Bivalvia	Arcida	Philobryidae	<i>Adacnarca</i>							
		Heterodonta (unassigned)	Cuspidariidae	<i>Cuspidaria</i>		1		1		1	1
		Pectinida	Pectinidae	<i>Delectopecten</i>	<i>fosterianus</i>	1		1		1	1
		Caenogastropoda (unassigned)	Epitoniidae								
	Gastropoda	Cephalaspidea	Scaphandridae	<i>Scaphander</i>	<i>otagoensis</i>	1		2		1	2
		Littorinimorpha	Ranellidae	<i>Fusitriton</i>	<i>magellanicus</i>						
				<i>Fusitriton</i>	<i>retiolus</i>	1		3		1	3
			Zerotulidae	<i>Trilirata</i>							
		Neogastropoda	Buccinidae	<i>Eosipho</i>		2		2		2	2
				<i>Penion</i>	<i>benthicolus</i>	1		1		1	1
				<i>Penion</i>		1		1		1	1
			Muricidae	<i>Enixotrophon</i>	<i>venusta</i>	1		1		1	1
				<i>Enixotrophon</i>	<i>veronicae</i>	3		18		3	18
			Raphitomidae	<i>Spergo</i>		1		1		1	1
		Notaspidea				1		1		1	1
		Seguenziida	Calliotropidae	<i>Calliotropis</i>		1		1		1	1
		Trochida	Calliostomatidae	<i>Otukaia</i>	<i>eltanini</i>						
			Margaritidae	<i>Margarites</i>		2		18		2	18
		Gastropoda undet.					1		4	1	4
		Polyplacophora	Lepidopleurida	Leptochitonidae	<i>Leptochiton</i>	2		4		2	4
		Polyplacophora undet.									
		Scaphopoda							1	1	1
									1	1	1
Porifera	Demospongiae	Hadromerida	Suberitidae	<i>Suberites</i>	cf. <i>caminatus</i>		1		1	1	1
			Trachycladidae	<i>Trachycladus</i>			3		3	3	3
		Halichondrida	AxineUidae	<i>Phakellia</i>	n. sp. 1		6		6	6	6

Phylum	Class	Order	Family	Genus	Species	No. of lots		No. of specimens		Total No. of lots	Total No. specimens
						Bollos	Seamount 375 / Christable Seamount	Bollos	Seamount 375 / Christable Seamount	All subantarctic SCAs	All subantarctic SCAs
			Bubaridae	<i>Bubaris</i>	<i>vermiculata</i>		3		3	3	3
		Poecilosclerida	Acarnidae	<i>Iophon</i>	<i>proximum</i>	1	1	1	1	2	2
			Cladorhizidae	<i>Asbestopluma</i>	<i>desmophora</i>		1		1	1	1
				<i>Lissodendoryx</i>							
			Coelosphaeridae	<i>(Lissodendoryx)</i>	<i>cf. spongiosa latrunculioides</i>	2	2	2	2	4	4
			Dendroricellidae	<i>Pyloderma</i>			1		1	1	1
			Myxillidae	<i>Microtylostylifer</i>		1	4	1	4	5	5
			Tedaniidae	<i>Tedania (Tedaniopsis)</i>	<i>cf. turbinata</i>		1		1	1	1
		Tetractinellida	Ancorinidae	<i>Stelletta</i>		1	1	1	1	1	1
			Pachastrellidae	<i>Poecillastra</i>	<i>cf. laminaris</i>		1		1	1	1
				<i>Poecillastra</i>	<i>cf. schulzei</i>		1		1	1	1
				<i>Poecillastra</i>	<i>schulzei</i>	2	5	2	5	7	7
	Hexactinellida	Hexactinosida	Euretidae	<i>Chonelasma</i>		1	1	1	1	1	1
			Farreidae	<i>Farrea</i>	<i>similaris</i>	1	1	1	1	1	1
			Farreidae undet.			1	1	1	1	1	1
		Lyssacinosa	Euplectellidae	<i>Corbitella</i>	<i>speciosa</i>	1	1	1	1	1	1
				<i>Regadrella</i>	<i>phoenix</i>	1	1	1	1	1	1
			Rossellidae	<i>Crateromorpha (Crateromorpha)</i>	<i>cf. meyeri</i>		2		2	2	2
				<i>Crateromorpha (Crateromorpha)</i>	<i>meyeri</i>		2		2	2	2
				<i>Rossella</i>	<i>cf. antarctica</i>	1	1	1	1	1	1
				<i>Rossella</i>	<i>antarctica</i>	1	1	1	1	1	1
Porifera undet.							2		2	2	2
Grand Total						140	213	538	459	353	997

APPENDIX E

Summary of findings from examination of unprocessed samples for subantarctic BPAs.

Bounty Heritage material

About half of the specimen lots in the Bounty Heritage BPA had not been identified. This amounted to 253 lots, however, once "dead shell and barnacle plates" were excluded, there were 170 remaining. Table A4_1 summarises the unidentified samples available from the Bounty Heritage BPA in the NIWA Invertebrate Collection-and available for study by Clark et al. (2014).

Table A4_1: Bounty Heritage BPA unidentified sample lots by taxonomic group.

Taxonomic group	No of unidentified specimen lots	Examined
Polychaeta	27	
Brachyura	1	
Paguroidea	1	Yes
Galatheaidea	1	Yes
Brachiopoda	1	
Bryozoa	31	Yes
Actiniaria	1	
Cirripedia	6	
Bivalvia	16	
Gastropoda	30	
Polyplacophora (chitons)	4	
Scaphopoda	2	
Porifera	33	Yes
Echinoidea	4	Yes
Asteroidea	2	Yes
Ophiuroidea	3	Yes
Holothuroidea	1	Yes
Ascidacea	2	Yes
Alcyonacea	4	Yes
Total no of specimen lots	170	

Thirty-eight individual sponges were identified, comprising 25 species, including 1 new genus and 13 new species records for New Zealand. These include a new species of *Lamellomorpha*, collected in 1962 in the Bounty Heritage BPA (Kelly et al. 2019).

There were several new bryozoan records in the samples examined in 2014, with up to 21 new species out of 78 identified. There was also possibly a new species of the ophiuroid genus *Ophiura*.

From the newly registered and identified material three specimens of spatangoid urchin, *Brisaster* spp. were identified from Bounty Heritage and the Antipodes BPAs. These are rare in NIWA collections (only 12 lots) and almost all are from the Bounty area.

Antipodes Transect

There are three undescribed species of bivalves, including two species of *Neolepton* and a new species of Anomiidae, and one new genus of gastropod in the family Costellariidae. Three specimens of a newly described species of venus basket glass sponge, *Euplectella imperialis* n. sp., were collected from the Bounty Plateau at 808 m inside the BPA (Reiswig & Kelly 2018).

Campbell East

A total of 14 lots were identified. Many of the taxa collected were typical southern New Zealand continental shelf fauna. A previously known (collected by NZOI in 1965), but undescribed, species of *Lissodendoryx* sponge was identified from 547 m in the Campbell East BPA.

Campbell Heritage

A total of 262 lots were identified (Clark & Mills 2017).

Three Holothuroidea identified from material collected inside the Campbell Island marine reserve within the Campbell Heritage BPA (*Bathyploetes* cf. *moseleyi*, *Squamocnus brevidentis* and *Scotoplanes globose*), are all new records to add to the list of fauna known in the area published in Hayward & Morley (2005).

The published knowledge of sponges from the Campbell Island region has greatly increased. The previous species list published in Hayward & Morley (2005) mentions five species collected from the intertidal zone with only two of these being the same as the current list. Of the sponges examined during this project, there was only a single calcareous sponge (Class Calcarea) and there were no glass sponges (Class Hexactinellida). There were 9 new species of Demospongiae with 32 demosponge species recorded previously. The group of sponges examined are dominated by species of Haplosclerida, particularly the genus *Haliclona*. There were also numerous species of Poecilosclerida, which were dominated by “sand” sponges (Family Chondropsiidae). Of particular interest was a specimen of a new species of *Lamellomorpha* (Tetractinellida, Pachastrellidae) (Figure E1), identified previously in the Bounty Heritage area. This new species is currently being prepared for description and publication and is only known from the Bounty Heritage and Campbell Heritage BPAs from 121–165 m (Kelly et al., 2019). However, overall the sponge fauna appears to be depauperate compared to adjacent areas such as Macquarie Ridge to the west and Chatham Rise to the northeast, which are much richer in terms of species numbers and which are dominated by glass sponges, lithistids, carnivorous sponges and other Tetractinellida.

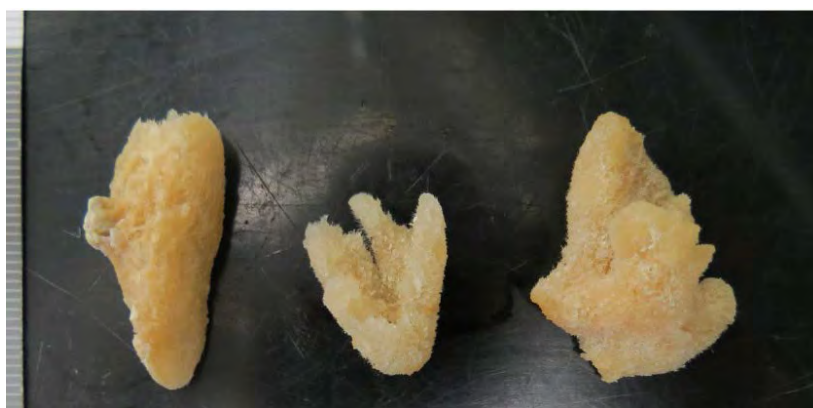


Figure E1: New sponge species *Lamellomorpha* n. sp. from Bounty Heritage and Campbell Heritage BPAs.

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