



POP2022-04 Deep diving into decades of uncatalogued corals

Milestone 3. Draft Final Report

Prepared for Conservation Services Programme (CSP), Department of Conservation

August 2023



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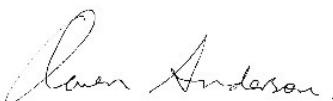
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NIWA CLIENT REPORT No: 2023211WN
Report date: August 2023
NIWA Project: DOC23305

| Revision | Description | Date |
|-------------|--------------------------------|----------------|
| Version 0.1 | Draft in preparation/in review | 31 July 2023 |
| Version 1.0 | Final version sent to client | 03 August 2023 |

| Quality Assurance Statement | | |
|---|--------------------------|-----------------|
|  | Reviewed by: | Owen Anderson |
|  | Formatting checked by: | Jess Moffat |
|  | Approved for release by: | Judy Sutherland |

Citation: Mills, S., Connell, A., Bilewitch, J., Stewart, R., Marriott, P., Tracey, D. (2023). POP2022-04 Deep diving into decades of uncatalogued corals. Milestone 3. Draft Final Report. Prepared for Conservation Services Programme, Department of Conservation NIWA Client Report 2023211WN. 55 p.

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Executive summary

The NIWA Invertebrate Collection (NIC) had an estimated backlog of ~670 unregistered and unidentified coral specimens collected on wide-ranging fisheries and biodiversity research surveys in the New Zealand region over the past 70 years in storage. These specimens were essentially invisible to researchers, and through this project, which funded specimen registration and identification, their details have now been made available. After the registration process was completed and non-protected coral groups were excluded from exports, a total of 650 unidentified protected coral samples were located and made available to subject matter experts for identification. In the period from March–June 2023 a total of 652 protected coral samples collected from the New Zealand EEZ (1682 specimens) were identified by experts and updated in the NIC *niwainvert* database.

Data summaries of the recently identified samples are provided in tables and as maps, followed by summaries of all protected coral specimen data held in the NIC from the NZ EEZ. Taxonomic highlights are noted including the discovery of a new family of Scleralcyonacea (previously Gorgonacea).

At the conclusion of the project a total of 9596 samples and 22,247 specimens of protected coral are now recorded in the *niwainvert* database, from observer, fishery trawl survey and biodiversity trip sources. The largest number of samples in the NIC were collected from biodiversity surveys, followed by observer collections, then fishery trawl surveys, and the widest spatial distribution of corals were collected from biodiversity surveys. Corals in *niwainvert* have been collected from shallow diving depths in Fiordland through to 5748 m in the Kermadec Trench and were collected from the years 1955 to 2023. Most records come from shelf to outer shelf and slope depths (201–1000 m depth range) with very few coral records from below 2000 m.

A total of 800 samples are not yet identified beyond family level and could benefit from further expert attention, especially the gorgonian coral groups Keratoisididae and Plexauridae. We recommend that international experts are invited to further identify these challenging protected coral taxon groups that are still poorly known and contain many undescribed taxa.

A core strategic objective of the Department of Conservation (DOC) Conservation Services Programme (CSP) is to understand and address the effects of commercial fishing on protected species in New Zealand waters, and this relies on robust data, and on gaining a good understanding of the distribution and abundance of protected species. This project supports the research priorities of the CSP Protected Coral Medium-Term Research Plan by providing accurate and consistent identification of live coral specimens collected in the New Zealand Exclusive Economic Zone (NZ EEZ).

1 Background

The Conservation Services Programme (CSP) of the Department of Conservation undertakes research to understand and address the effects of commercial fishing on protected species in New Zealand waters. Achieving core Conservation Services Programme (CSP) strategic objectives relies on robust data and a good understanding of the distribution and abundance of protected species. This element is picked up in the CSP Protected Coral Medium-Term Research Plan (2022), where research priorities list the ‘identification of biodiversity hot spots/ areas of high protection value’ and ‘modelling distribution abundance/biomass (not just presence/absence)’ with high and medium-high priority, respectively. Both priorities depend on the accurate and consistent identification and measurement of live coral communities in the New Zealand region. Therefore, this project examines stored protected coral specimens to improve coral taxonomic and distribution information and to discover the full range of coral biodiversity in our region.

The National Institute of Water and Atmospheric Research (NIWA) Invertebrate Collection (NIC) is the custodian of over 70 years of accumulated research specimens from the New Zealand region, and has been cataloguing specimens into a Specify database, *niwainvert*, since 2004. This project aims to examine the backlog of unidentified protected coral specimens held at NIC from the 1950s–2004, collected from wide-ranging early fisheries and biodiversity research programmes by the New Zealand Oceanographic Institute (NZOI) and NIWA. These coral specimens and their accompanying data are essentially ‘invisible’ to science in their current, unregistered state.

Initial estimates indicated that there were 378 unregistered samples from the New Zealand region to be catalogued into the NIC Specify database, *niwainvert*, with an additional 309 specimens already catalogued and accumulated ready for further identification.

The registration and identification of fisheries observer-collected specimens are excluded from this project, as they are examined through ongoing CSP coral identification projects (INT2019-04, see Mills et al. 2023 and DOC Project INT2022-03).

This project has allowed work to begin to address the backlog of unidentified protected corals and the results have been used to update databases relevant to coral diversity and distribution for current and downstream research purposes. The results are also used to provide updated taxonomic inventory and location lists, to identify key areas where taxonomic experts could be enlisted for focused studies and to generate updated presence-based distribution maps for select taxa of interest to the Conservation Services Programme.

2 Objectives

The specific project objectives set by the Conservation Services Programme (CSP) service requirements for project POP2022-04 (NIWA project DOC23305) are as follows:

1. Determine the taxonomic composition of previously collected unidentified protected coral specimens currently held in the NIWA Invertebrate Collection (NIC).
2. Augment and improve existing coral and/or bycatch databases with new taxonomic and collection location information.
3. Improve understanding of coral diversity and distribution in the New Zealand region.

3 Methods

3.1 Milestone 1 – Sample scoping and registration methods.

At the onset of the project in November 2022 the NIC team began locating unregistered protected corals within the shelving of the NIC. Shelving in the Cnidaria section of the NIC wet collection was searched for unregistered jars and pails. Searches focussed on the end of protected coral family and order sections and within identified species sections. Registered jars and pails are clearly labelled with a printed label and catalogue number. This means that unregistered samples were relatively easy to locate as these usually only contain a single hand-written station label (Fig. 3-1). Note that each sample jar/pail may contain a single specimen (colony) or several specimens (colonies) and some jars may contain multiple species.



Figure 3-1: Unregistered protected coral samples in jars and pails on compacter shelving in the NIWA Invertebrate wet collection. [Sadie Mills, NIWA].

Once located, the project team began registering the accumulated unregistered coral samples into the *niwainvert* database.

The NIC collection management database, *niwainvert*, is run on Specify Software (<https://www.specifysoftware.org/>). It is a relational database that allows the storage of taxonomic information (determination, determiner name and type status) along with geographical data (Station and cruise information, geographical coordinates, gear type, depths, collector name and permit data), and preparation information (preservation type, count, jar size etc.). NIC staff assigned each sample jar or pail from a separate geographic area (Cruise/station) with a unique NIWA catalogue

number registering details of the preliminary taxon name, station number, count of specimens, and other preparation data into *niwainvert*.

Once the registration process was completed, a meeting was held with the DOC contract manager Lyndsey Holland to discuss the scope of focus taxa for inclusion in the project, and to present results of the initial triage and registration of the backlog of uncatalogued sample lots. This meeting informed targeted specimen identification and database updates under Milestone 2.

3.2 Milestone 2 - Prioritisation of samples to be identified and database updating method.

Guided by Milestone 1 a select set of at least 678 coral specimens, which included the 309 previously catalogued but unidentified specimens and the newly catalogued specimens described above, were given to subject matter experts to have their identification updated to the lowest practical level, which was usually species level for common taxa but as high as family level for unusual or difficult groups.

The following NIWA experts provided identifications:

- Rob Stewart – Antipatharia (Black corals)
- Peter Marriott – Stylasteridae (hydrocorals)
- Jaret Bilewitz and Di Tracey – Gorgonian corals previously in the order Alcyonacea and now in orders Scleractyonacea and Malaclyonacea*
- Di Tracey – Scleractinia (stony corals)

NIC staff entered updated expert identification data for the protected corals into *niwainvert* including the expert determiner name and date to verify the records.

The updated *niwainvert* data will be used to provide an annual update to the NIC Ocean Biodiversity Information System (OBIS) and Global Biodiversity Information Facility (GBIF) datasets. Relevant fisheries research trawl survey sample identification updates will be provided to the Fisheries New Zealand contracted Research Data Manager at NIWA to enable database updates to be made by an appropriate database expert onto the Fisheries New Zealand Research Trawl Database (*trawl*).

*Note that for the purpose of making database updates consistent at this time the taxonomy of the gorgonian/alcyonacean corals in the appendices and tables of this report do not follow the recent systematic updates to the orders by McFadden et al. (2022), although the genera previously placed in family Plexauridae have been moved to Astrogorgiidae, Paramuricidae and Euplexauridae as appropriate with reference to this work.

3.3 Milestone 3 – reporting method.

This report details the project achievements and outcomes under each of the project objectives and includes an updated inventory of previously and newly-catalogued samples in *niwainvert* that have been further identified by subject matter experts. Detailed information on all protected coral taxa registered in *niwainvert* has been provided as agreed with the DOC contract manager.

All data extracts have been provided to CSP in an Excel spreadsheet including GPS locations of study sites, updated species identifications and summaries of numbers of specimens (colonies).

Presentation of findings will be presented to the CSP Technical Working Group in September 2023.

4 Results: Objective 1. Determine the taxonomic composition of previously collected unidentified protected coral specimens currently held in the NIWA Invertebrate Collection (NIC).

A summary of results is provided below detailing the steps taken to achieve objective 1, including cataloguing of unregistered samples and identification and subsequent database updating of previously and newly-catalogued samples in *niwainvert*.

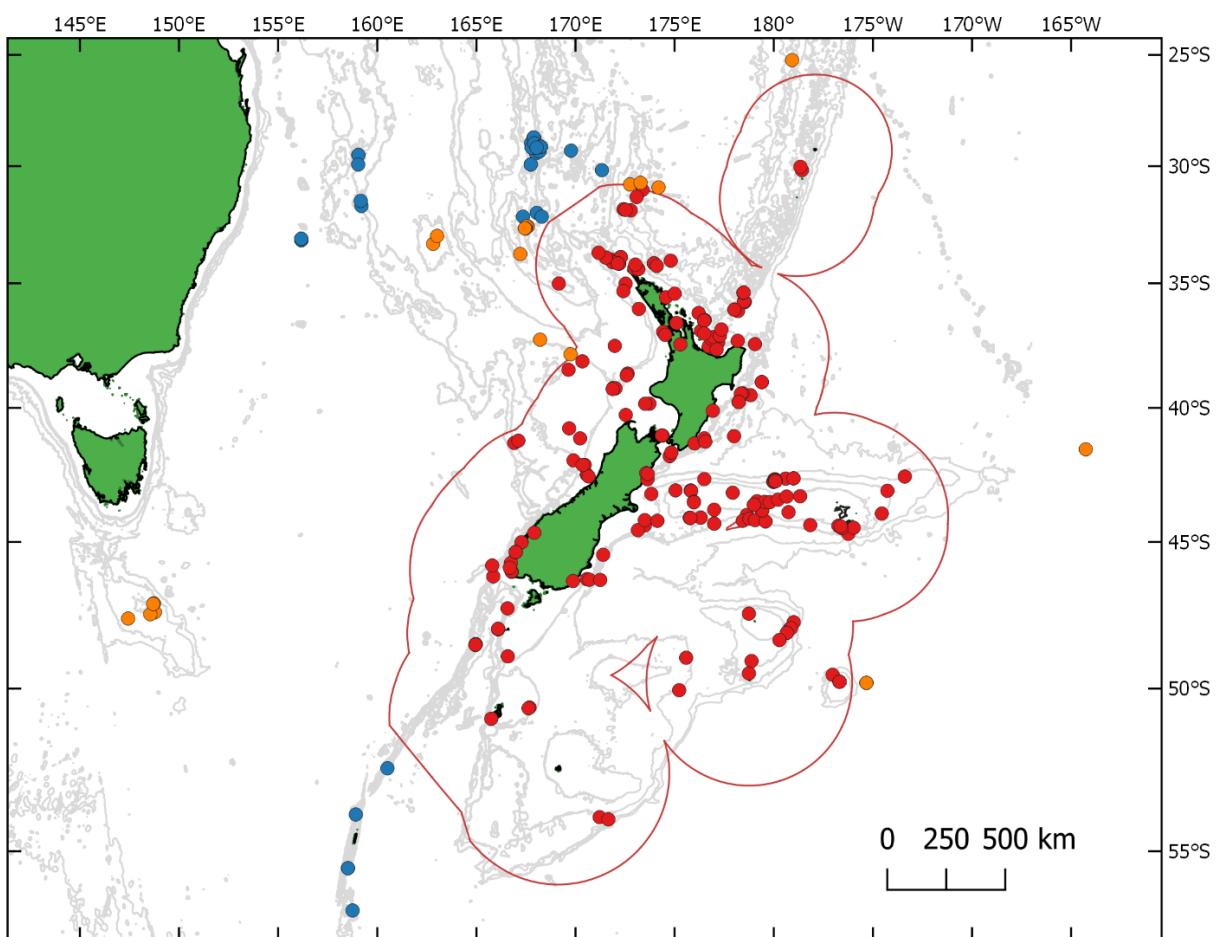
4.1 Cataloguing of unregistered protected corals

The total number of protected coral samples (jars or pails) registered between 1 November 2022 and 25 March 2023 is 323 (Table 4-1). This is slightly less than the 378 unregistered coral samples originally estimated at the onset of the project. Several of the unregistered samples in the shelves were found to be either collected from the Ross Sea in Antarctica or mis-shelved unprotected soft coral species, which are both out of scope for this project. In some cases, the unregistered jars were duplicate jars of existing registered material so these were noted and added to existing registrations. The backlog of uncatalogued protected coral samples remaining in the NIC now comprises only Antarctic corals and shallow water Pacific Island corals (Cook Islands, Tonga, New Caledonia, Fiji).

Table 4-1: Summary of protected coral specimens catalogued by NIWA Invertebrate Collection staff between 1 Nov 2022 and 25 March 2023.

| Zone | NZOI/NIWA surveys | Scientific Observer | Total No. of samples |
|---|-------------------|---------------------|----------------------|
| New Zealand EEZ | 236 | 18 | 254 |
| International waters (Challenger Plateau, Three Kings Ridge, South Tasman Rise, Norfolk Ridge, Wanganella Bank) | 18 | 8 | 26 |
| Australian Territorial waters (Macquarie Ridge, Tasmanian Seamount, Lord Howe & Norfolk Ridge areas) | 43 | | 43 |
| Total | 297 | 26 | 323 |

Twenty-six of the catalogued samples were collected by scientific observers and these will be passed on for identification under DOC project (INT2022-03). Sixty-nine samples were collected either in international waters or Australian territorial waters just outside the NZ Exclusive Economic Zone (EEZ). While it would be useful to have these samples identified, the remit of this project is to include only samples collected from inside the New Zealand zone. This leaves a total of 236 samples collected within the NZ zone from NIWA/NZOI fisheries or biodiversity research surveys. Note that some samples collected by international vessels visiting New Zealand waters (such as the RV *Sonne*) are included in this number.



- International waters samples catalogued
- Australian EEZ samples catalogued
- NZ EEZ samples catalogued

Figure 4-1: Map of protected coral samples catalogued into the NIWA Invertebrate Collection *niwainvert* database between 1 Nov 2022 and 25 March 2023.

The map in Fig 4-1 shows the distribution of newly registered protected coral samples within the NZ region, which are in scope, and just outside in international and Australian zones the samples that are out of scope.

The breakdown of protected coral groups included in the 236 newly registered samples from the NZ region is provided in table 4-2. There were very few backlogged Antipatharia and Stylasteridae amongst the previously unregistered samples, but large numbers of gorgonians and scleractinians.

Table 4-2: Taxonomic breakdown of protected coral groups represented in New Zealand samples catalogued in the NIWA Invertebrate Collection database *niwainvert*. Samples counts are provided for corals that were catalogued between 1 November 2022 and 25 March 2023, and all samples awaiting identification including all previously registered and newly registered samples in *niwainvert* on 25 March 2023.

| Phylum | Class | Order | Coral group | No. of samples catalogued between 1 November 2022 and 25 March 2023 | No. of samples awaiting identification on 25 March 2023 |
|--------------------|---------------|---------------|---------------------------|---|---|
| Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | 3 | 10 |
| | | | Anthothelidae | 9 | 11 |
| | | | Chrysogorgiidae | 9 | 18 |
| | | | Coralliidae | 0 | 2 |
| | | | Keratoisididae | 45 | 84 |
| | | | Keroeididae | 1 | 0 |
| | | | Mopseidae | 30 | 29 |
| | | | Paragorgiidae | 0 | 5 |
| | | | Plexauridae | 37 | 52 |
| | | | Primnoidae | 32 | 77 |
| | | | Undetermined Gorgonacea | 5 | 61 |
| Antipatharia | | | Antipathidae | 1 | 1 |
| | | | Leiopathidae | 0 | 4 |
| | | | Schizopathidae | 0 | 4 |
| | | | Undetermined Antipatharia | 2 | 20 |
| Scleractinia | | | Caryophylliidae | 13 | 41 |
| | | | Dendrophylliidae | 0 | 7 |
| | | | Flabellidae | 8 | 12 |
| | | | Fungiidae | 0 | 1 |
| | | | Oculinidae | 0 | 3 |
| | | | Undetermined Scleractinia | 39 | 51 |
| Hydrozoa | Anthoathecata | Stylasteridae | | 2 | 157 |
| Grand Total | | | | 236 | 650 |

Several of the 236 previously unregistered NZ EEZ corals had been historically identified by experts when collected (n=31) and these identifications were applied at the time of cataloguing.

A spreadsheet was prepared which contained all unidentified protected corals from within the NZ EEZ (including recently registered and previously registered samples) and provided to DOC. The number of unidentified protected corals totalled 650 samples. This excluded unidentified samples from the Kermadec region, which will be identified in the Te Mana O Rangitāhua project (<https://tearawhanuiresearch.com/te-mana-o-rangitahua/>) in collaboration with Ngāti Kuri and Auckland Museum (n = 148 samples).

Table 4-2 also provides a breakdown of the protected coral groups that were available for identification by experts following the registration of backlog material and includes previously registered samples, accumulated in the NIC.

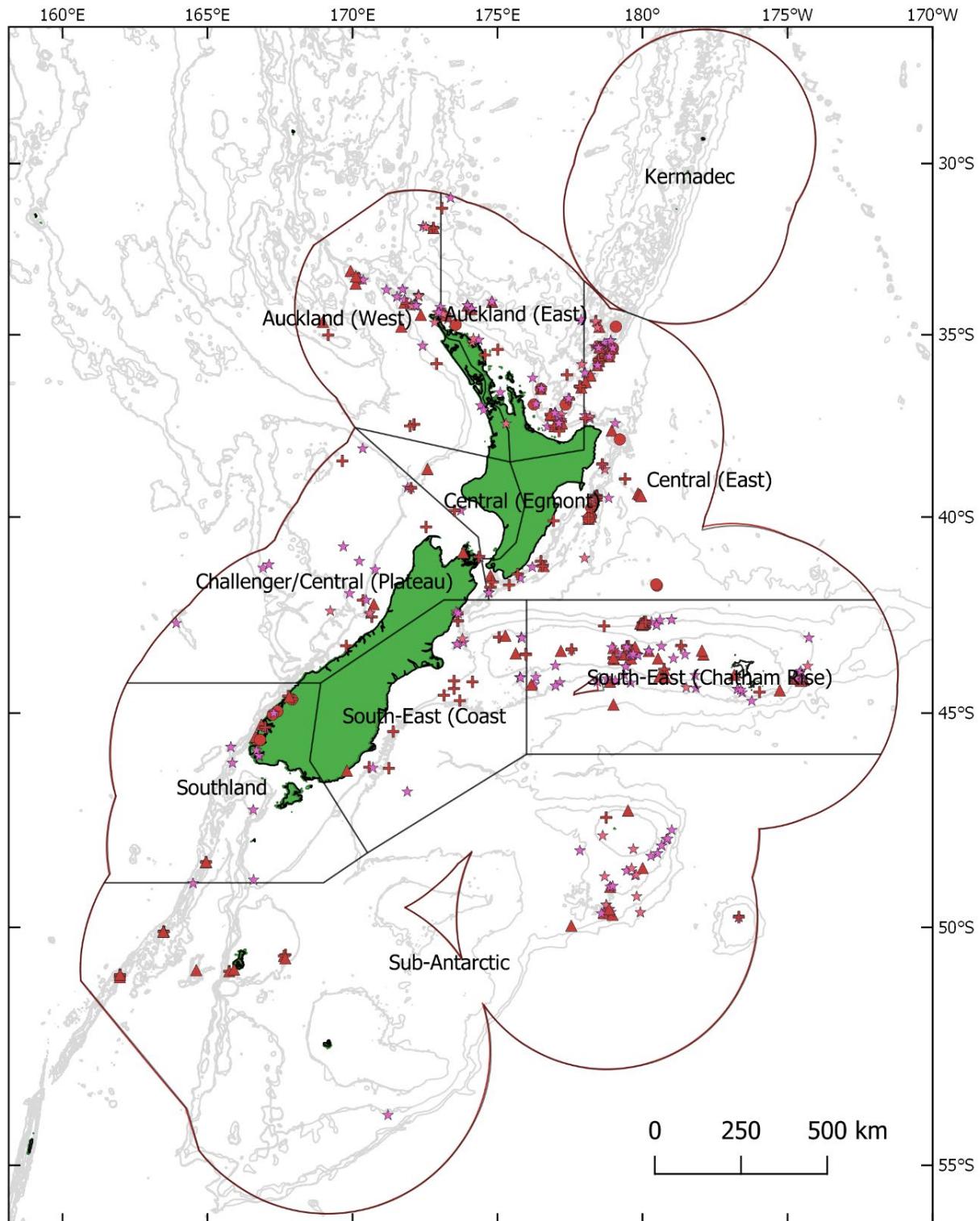


Figure 4-2: Map of accumulated protected coral samples awaiting identification in the NIWA Invertebrate Collection on 25 March 2023 coded by taxon group. Symbols: stars = gorgonian corals, pluses = stony corals, circles = black corals, triangles = hydrocorals.

4.2 Identification of protected coral samples

In the period from March–June 2023 a total of 652 protected coral samples collected from the New Zealand EEZ (1682 specimens) were identified by experts and updated in *niwainvert*. This number differs from the number of samples before the identification process as some samples were split further upon identification and some samples were identified as non-corals (mainly Bryozoa misidentified as hydrocorals). Table 4-3 provides a taxonomic breakdown of the number of specimens and number of samples identified.

Order Alcyonacea had the highest number of samples identified (n=386), as well as the highest number of individual specimens recorded. Within this order, protected soft corals in the family Primnoidae were the group with the greatest number of samples identified (n=107). The two bamboo coral families Mopseidae and Keratoisididae followed with 70 and 62 samples respectively. Other families with more than 20 samples identified included Paramuriceidae (n = 38), Anthothelidae (n = 28), and Acanthogorgiidae (n = 27)

The next order with previously high numbers of unidentified samples was the stony corals, order Scleractinia. A total of 106 samples comprising of 397 specimens were identified. Fifty-eight samples were identified from Family Caryophylliidae (227 specimens), with the next most identified Family being Flabellidae.

Black corals, order Antipatharia, had a total of 25 samples that had updated identifications. Eleven of these were from the family Schizopathidae.

One hundred and thirty-five samples were identified from the protected hydrocoral Family Stylasteridae, comprising 446 individuals.

Table 4-3: Summary of identified protected coral groups collected in the New Zealand EEZ and updated in *niwainvert*.

| Phylum | Class | Order | Family | No. of samples | No. of specimens |
|----------|----------|------------|------------------|----------------|------------------|
| Cnidaria | Anthozoa | Alcyonacea | Gorgonian indet. | 3 | 3 |
| | | | Acanthogorgiidae | 27 | 89 |
| | | | Anthothelidae | 28 | 31 |
| | | | Astrogorgiidae | 1 | 2 |
| | | | Chrysogorgiidae | 19 | 23 |
| | | | Coralliidae | 1 | 1 |
| | | | Ellisellidae | 2 | 2 |
| | | | Euplexauridae | 5 | 5 |
| | | | Isididae | 1 | 1 |
| | | | Keratoisididae | 62 | 71 |
| | | | Keroeididae | 1 | 1 |
| | | | Keroeididae? | 1 | 1 |
| | | | Mopseidae | 70 | 233 |
| | | | Paragorgiidae | 3 | 3 |
| | | | Paramuriceidae | 38 | 47 |

| Phylum | Class | Order | Family | No. of samples | No. of specimens |
|--------------------|---------------|--------------|-------------------------|-----------------------|-------------------------|
| | | | Plexauridae | 9 | 9 |
| | | | Primnoidae | 107 | 276 |
| | | | Scleralcyonacea n. fam. | 8 | 16 |
| Alcyonacea Total | | | | 386 | 814 |
| | | Antipatharia | Antipathidae | 2 | 2 |
| | | | Leiopathidae | 5 | 5 |
| | | | Myriopathidae | 6 | 6 |
| | | | Schizopathidae | 11 | 11 |
| | | | Stylopathidae | 1 | 1 |
| Antipatharia Total | | | | 25 | 25 |
| | | Scleractinia | Scleractinia indet. | 4 | 9 |
| | | | Caryophylliidae | 58 | 227 |
| | | | Dendrophylliidae | 15 | 87 |
| | | | Flabellidae | 22 | 51 |
| | | | Fungiidae | 4 | 11 |
| | | | Oculinidae | 1 | 3 |
| | | | Rhizangiidae | 2 | 9 |
| Scleractinia Total | | | | 106 | 397 |
| Hydrozoa | Anthoathecata | | Stylasteridae | 135 | 446 |
| | Anthoathecata | | | | |
| | Total | | | 135 | 446 |
| Grand Total | | | | 652 | 1682 |

4.2.1 Taxonomic highlights

Along with the opportunity to augment the distribution of protected coral taxa in the region these new identifications have increased our knowledge of the biodiversity of some of these groups.

Samples identified during this project add to the known specimens of a newly recognised undescribed family of gorgonian corals in the revised order Scleralcyonacea. These are very similar to the genus *Primnoeides*, in the family Primnoidae but are not that genus, nor in that family. They also bear some resemblance to the family Pleurogorgiidae but after closer inspection of the specimens and comparing sequence data from another project (Bilewitch, 2022) we believe they are representatives of a separate, new family.



Figure 4-3: Scleralcyonacea n. fam., identified from Graveyard and Andes seamounts, Chatham Rise 610–1254 m (Credit: Rob Stewart, NIWA, TAN1503 Seamount survey).

There were previously two records of the genus '*Anthogorgia*' amongst the NIC specimens. Both were mis-identified and have been reidentified as part of this project. One specimen is in genus *Acanthogorgia* and the second is a distinct form of the genus *Anthomuricea*. This means there are no records of *Anthogorgia* left in the NIC.

A rare specimen of *Isidoides* was identified during this project and adds to the distribution records for this group.

Additional specimens of undescribed new species of stylasterid hydrocorals were identified amongst the historical samples. *Errinopsis* n. sp. (62 specimens in 5 jars) were identified from the Andes and Diamondhead seamounts on the Chatham Rise (Fig 4-4); a single specimen identified as cf. *Distichopora* n. sp. was identified from Diamondhead seamount; Finally, a species of *Lepidotheca* n. sp. was identified from the NZ region of the Macquarie Ridge seamounts.



Figure 4-4: Specimens of undescribed hydrocoral species *Errinopsis* n. sp. identified from Diamondhead A Seamount, 724–838 m (credit: Rob Stewart, NIWA, TAN1503 Seamount survey).

5 Results: Objective 2. Augment and improve existing coral and/or bycatch databases with new taxonomic and collection location information.

The updated identifications have now been registered in the NIC *niwainvert* database. A complete list of the updated coral records is provided in Appendix A.

After the updating of new identifications into *niwainvert* some of the outstanding unidentified coral data were able to be checked and corrections to the database records for specimens were made:

- Some specimen jars are no longer at the NIC. These samples were historically donated to collaborators at other institutions for other analyses and were not correctly recorded as such in the system. These have now been updated and listed properly as donations, and where possible identification of the donated specimens have been linked to other specimens still retained at the NIC based on hand-written catch notes made onboard the research vessel.
- Some specimens in the original data extract were actually ‘subsamples’ of specimens, rather than whole individuals. The opportunity was taken to update *niwainvert* to link subsamples to parent samples.
- Some samples initially identified as corals were in fact non-protected soft corals, sea-pens, hydroids or non-coral groups such as Bryozoa. Several small branching species of Bryozoa, in particular, were misidentified as Stylasteridae (20 samples). These samples

- have been correctly labelled with their proper taxonomic names and placed with their corresponding taxon groups.
- Several samples (37 jars) were “split lots”, where more than one coral species was found within a single jar, so these were split into separate registered lots.

An updated *niwainvert* extract with the new protected coral information will be provided to the NIWA OBIS database manager by December 2023 so as to be included in the annual upload from *niwainvert* to the OBIS and GBIF online databases.

Forty-two of the identified records were collected on fisheries research trawl surveys. A summary list of protected coral identification updates for these 42 samples has been provided to the Fisheries New Zealand contracted Research Data Manager at NIWA to enable database updates to be made by an appropriate database expert onto the Fisheries New Zealand Research Trawl Database (*trawl*). *Trawl* is another reference database frequently used by species distribution modellers and ecologists so it is important to update these sources of data to improve accuracy in outputs.

6 Results Objective 3. Improve understanding of coral diversity and distribution in the New Zealand region.

This section provides a summary of the updated distribution and biodiversity of corals in the NZ EEZ using all data now accumulated in the NIC *niwainvert* database.

An extract of all protected coral records was taken from *niwainvert* on 19 July 2023 (Appendix B, separate Excel spreadsheet). This extract includes a total of 9596 records and (22,247 specimens) from within the boundaries of the NZ EEZ (Table 6-1, Figs. 6-1 & 6-2). The group with the largest number of samples held in the NIC are the gorgonian corals (3751 samples) followed by the stony corals, hydrocorals and black corals. The group with the highest number of specimens are the stony corals (11,161 specimens), which may in part reflect a difficulty in correctly assigning accurate specimens counts to the reef forming stony coral clumps that are retrieved from fishing trawls. The group with the lowest number of specimens is the black corals (1503 specimens), which may reflect the sparse natural distribution of the species in this group.

Table 6-1: Number of samples and specimens of protected coral groups in New Zealand EEZ *niwainvert* extract with a breakdown of the collection source. Biodiversity = Collected on either NIWA, NZOI or overseas research vessels for the purposes of biodiversity, geology or other survey type using a range of sampling gears targeted to the survey and bottom type; Fishery trawl survey = bycatch collected by scientific fisheries research trawl survey staff; Observer = Scientific observer collected bycaught corals from commercial fishing activities.

| Phylum | Class | Protected coral group | Collection source | No. of samples | No. of specimens | | |
|------------------------|----------|-----------------------|----------------------|----------------|------------------|--|--|
| Cnidaria | Anthozoa | Black corals | Biodiversity | 654 | 1108 | | |
| | | | Fishery trawl survey | 82 | 83 | | |
| | | | Observer | 298 | 312 | | |
| Black corals Total | | | | 1034 | 1503 | | |
| | | Gorgonian corals | Biodiversity | 2483 | 4893 | | |
| | | | Fishery trawl survey | 355 | 457 | | |
| | | | Observer | 913 | 1041 | | |
| Gorgonian corals Total | | | | 3751 | 6391 | | |
| | | Stony corals | Biodiversity | 2638 | 9550 | | |
| | | | Fishery trawl survey | 276 | 611 | | |
| | | | Observer | 689 | 1000 | | |
| Stony corals Total | | | | 3603 | 11161 | | |
| | Hydrozoa | Hydrocorals | Biodiversity | 1083 | 3039 | | |
| | | | Fishery trawl survey | 37 | 45 | | |
| | | | Observer | 88 | 108 | | |
| Hydrocorals Total | | | | 1208 | 3192 | | |
| Grand Total | | | | 9596 | 22247 | | |

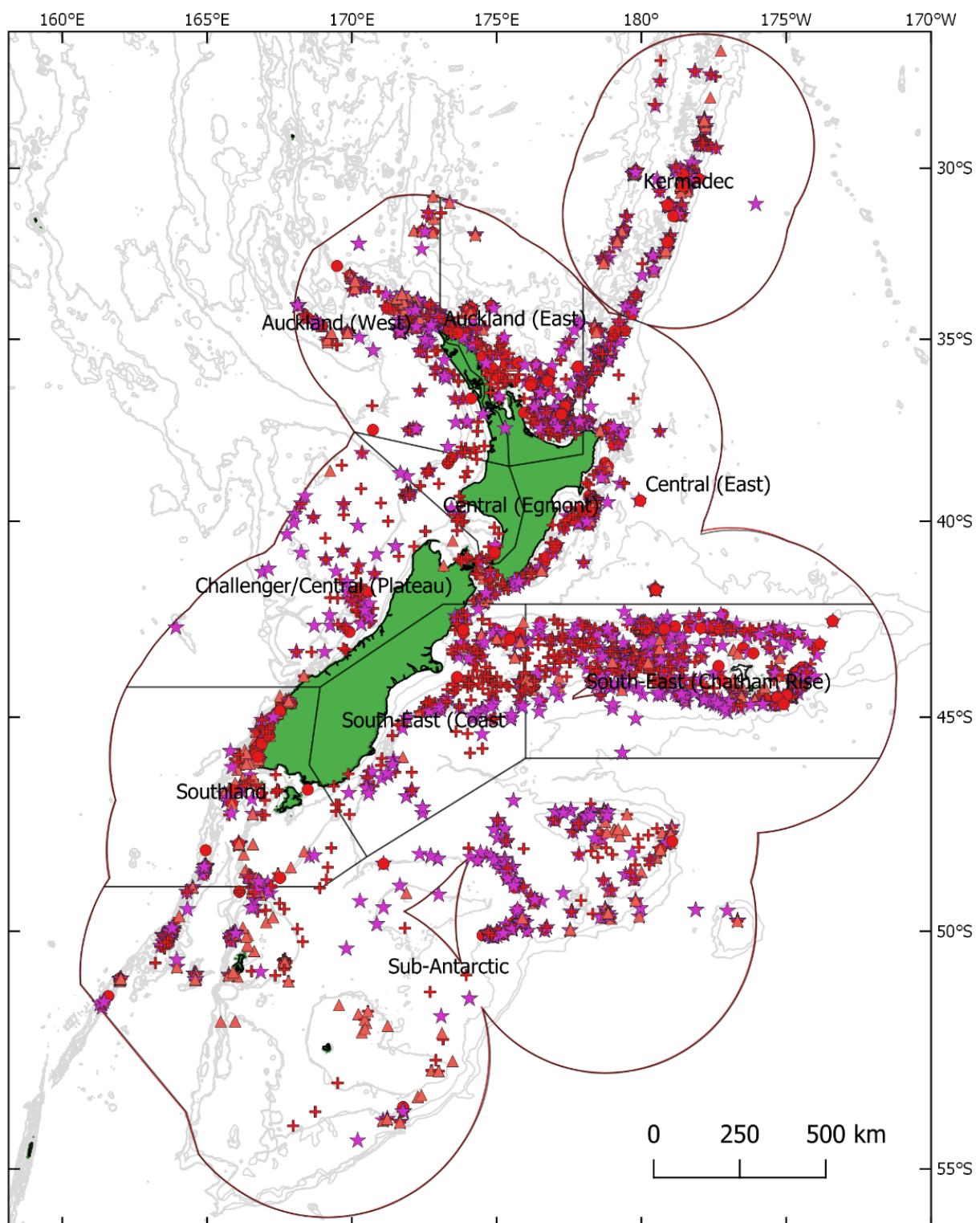


Figure 6-1: Map of protected coral samples collected from within the New Zealand EEZ and registered in the NIWA Invertebrate Collection as of 19 July 2023, coded by taxon group. Symbols: stars = gorgonian corals, pluses = stony corals, circles = black corals, triangles = hydrocorals.

The geographic distribution of protected corals seems fairly similar throughout the New Zealand region when comparing the four protected coral groups (Fig 6-2).

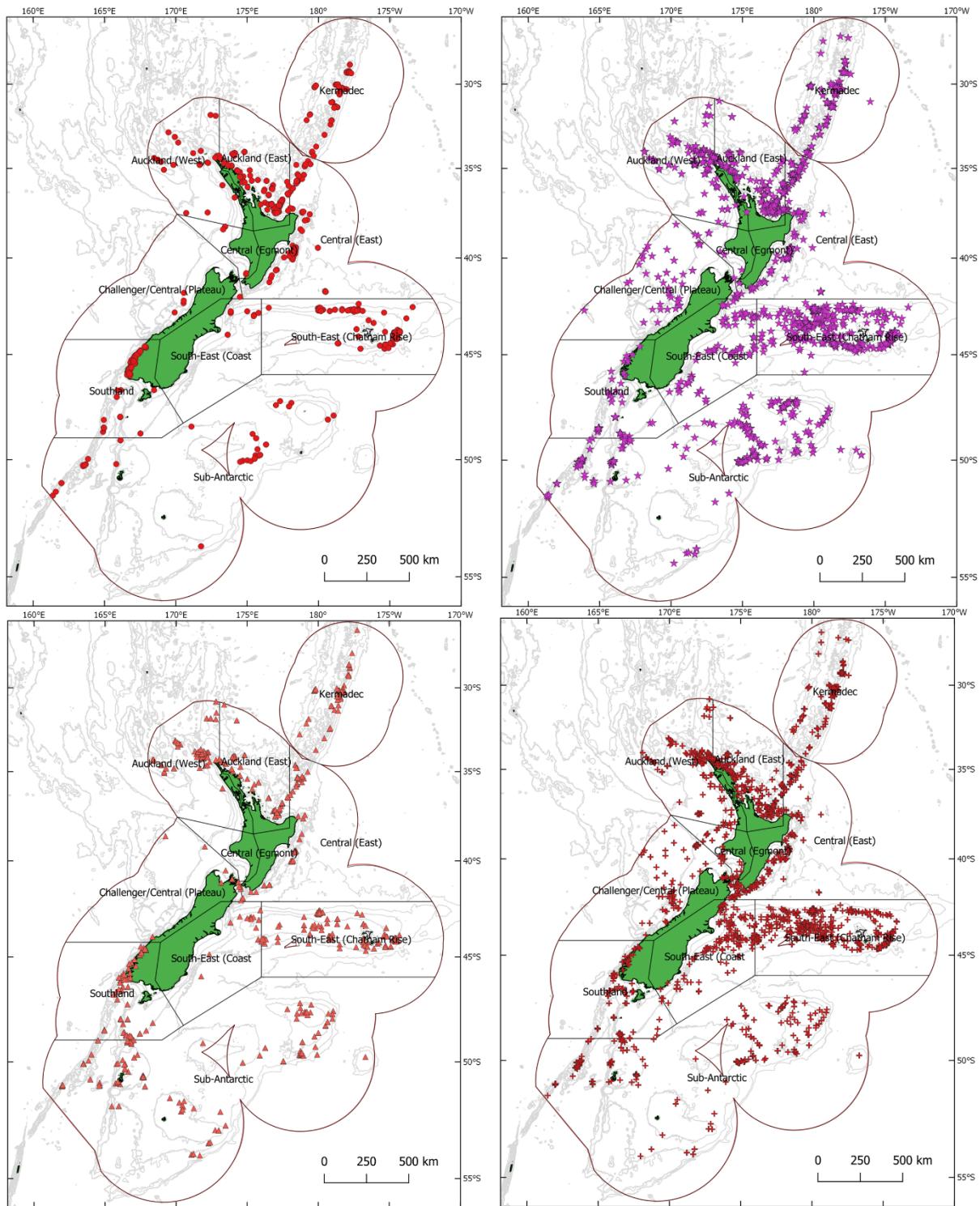


Figure 6-2: Maps of protected coral samples collected from within the New Zealand EEZ and registered in the NIWA Invertebrate Collection, as of 19 July 2023. Clockwise from top left: black corals; gorgonian corals; stony corals; hydrocorals.

Numbers of coral samples and specimens can be grouped into three collecting group categories ‘fisheries trawl survey’, ‘observer’ and ‘biodiversity’ and a breakdown of these is presented in Table 6-1. The three collection groups represent the source of the samples i.e. ‘Observer’ group are collected by scientific observers as bycaught corals from commercial fishing activities, ‘Fisheries trawl survey group are bycaught corals collected from fisheries research trawl surveys from bottom trawling, ‘Biodiversity’ group samples are collected on either NIWA, NZOI or overseas research

vessels for the purposes of biodiversity, geology or other survey types using a range of sampling gear targeted to the survey and bottom type (for example, scuba diving, Agassiz trawls, grabs, bottom trawls, epibenthic sleds etc.). Fig 6-3 shows the distribution of corals from each of these three sources.

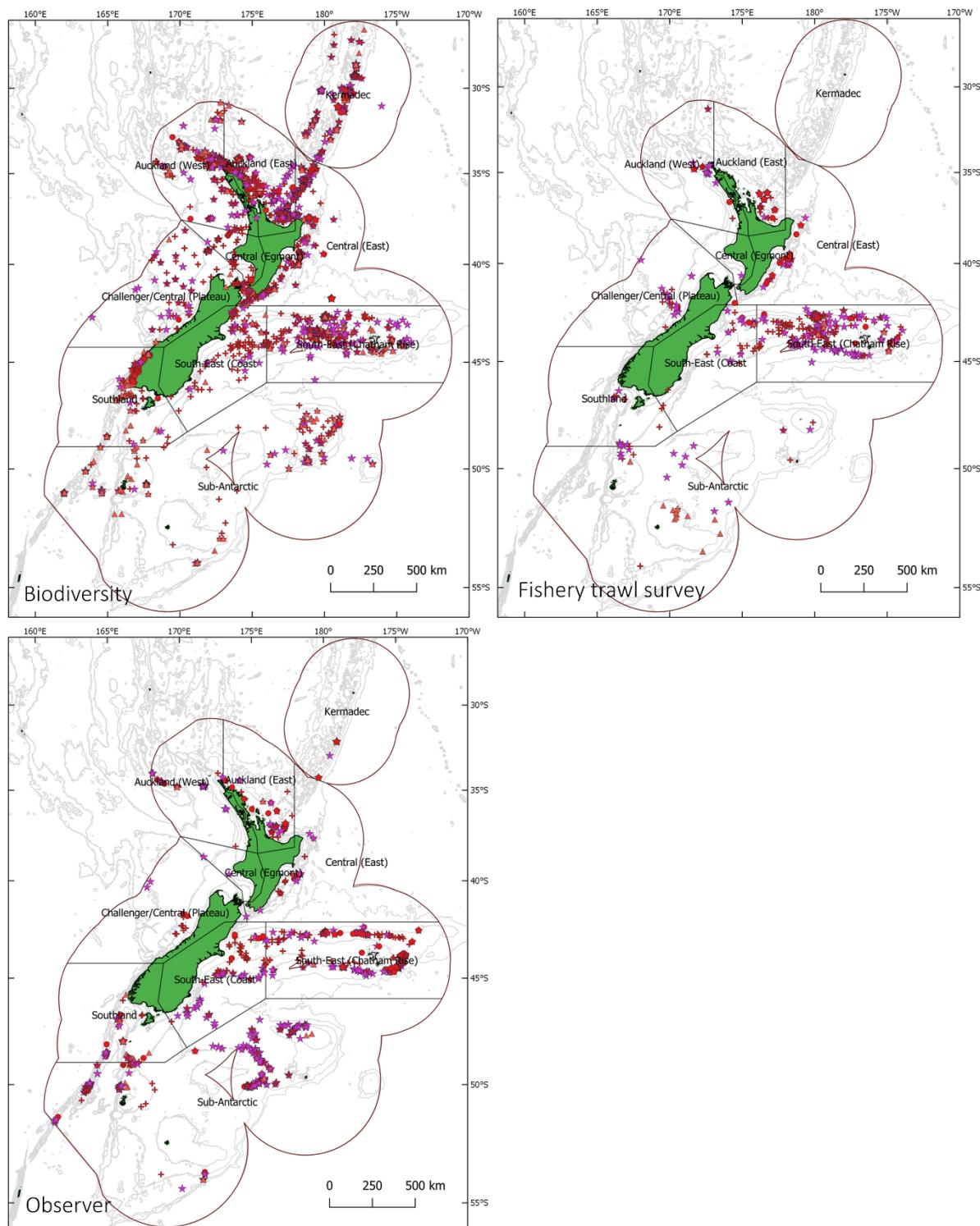


Figure 6-3: Maps of protected coral samples collected from within the New Zealand EEZ and registered in the NIWA Invertebrate Collection, by collection source. Biodiversity = Collected on either NIWA, NZOI or overseas research vessels for the purposes of biodiversity, geology or other survey type using a range of sampling gears targeted to the survey and bottom type; Fishery trawl survey = bycatch collected by scientific fisheries research trawl survey staff; Observer = Scientific observer collected bycaught corals from commercial fishing activities.

Biodiversity group trips collected a much greater number of samples than observer and fishery trawl survey groups over a wider area of the EEZ (Table 6-1, Fig 6-3). Almost all samples known from the Kermadec, Three Kings and Challenger Plateau regions were collected on biodiversity trips, which reflects the effort of the large historical biodiversity surveys such as the Oceans Survey 20/20 Challenger Plateau survey (TAN0707, see Bowden, 2011), the Biogenic Habitats on the Continental Shelf survey in 2011 (voyages TAN1105, see Jones et al. 2018) and a series of voyages conducted from 2000–2009 under the “Ecology of Seamounts” program and later the “Vulnerable Deep-Sea Communities” project (e.g. Clark et al. 2019, Clark et al. 2022). Numbers of observer collected samples are higher than numbers of fishery trawl survey samples in the NIC, but the distribution of observer collected samples is much more concentrated on specific areas compared to fishery trawl survey samples.

Corals have been collected from shallow diving depths (the black coral *Antipathella fiordensis* and stony cup coral *Monomyces rubrum* from Fiordland) through to 5748 m (an unidentified bamboo coral, Keratoisididae recently collected from the Kermadec Trench). The oldest sample collected was in 1955 from a NZOI survey near North Cape, and the most recently collected was in April 2023 (an observer collected sample).

Most records are from shelf to outer shelf and slope depths (5952 samples in the 201–1000 m depth range, see Fig 6-4). A total of 330 coral records are from within recreational diving depth limits of 40 m with the rest of the 1094 records in the coastal-shelf depth range occurring from 41–200 m. In the bathyal range (1001–4000 m) there are only 70 records from below 2000 m, and only 7 records below 3000 m. Three records were collected from below 4000 m in the abyssal zone.

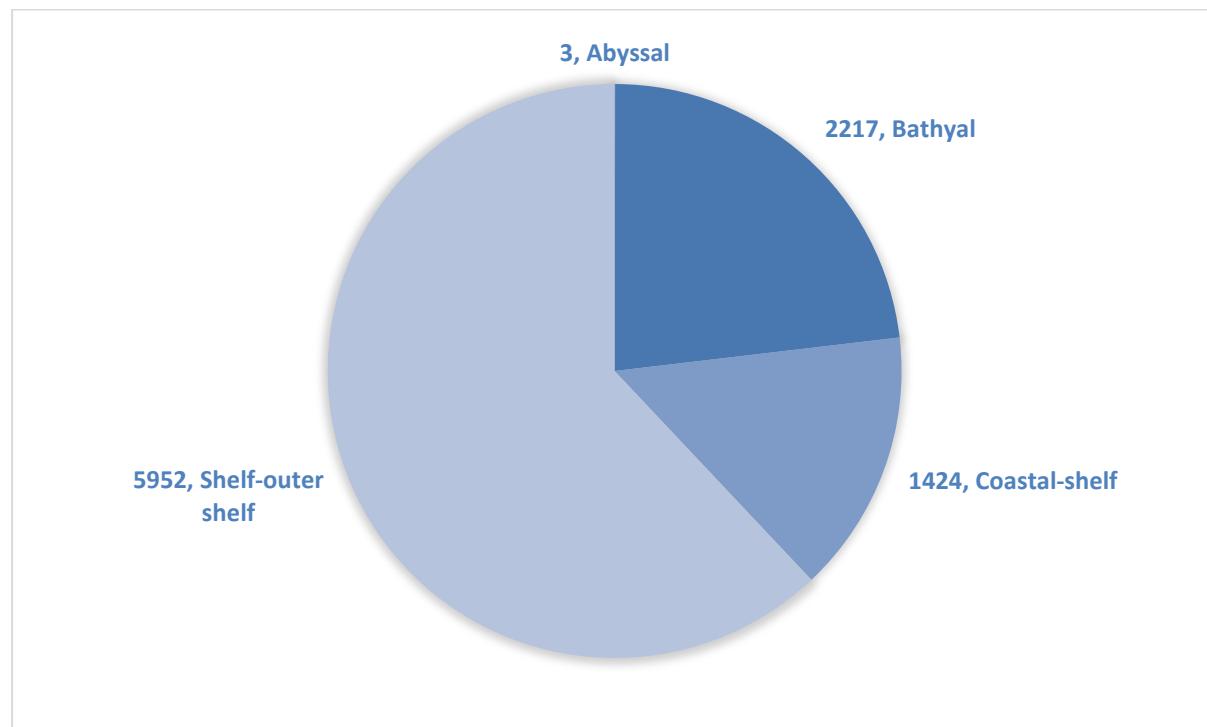


Figure 6-4: Depth distribution of coral records in the New Zealand EEZ in niwainvert. Number of records is indicated for each depth category. Coastal-shelf = 0–200 m, Shelf-outer shelf = 201–1000 m, Bathyal = 1001–4000 m, Abyssal = 4001–6000 m.

A total of 8585 samples have been examined by an expert, leaving 1011 samples undetermined or not yet verified by an expert. Note that a sample may be recorded as undetermined but may still have been identified by an expert: this reflects an issue with data entry in some historical records where the determiner name was not recorded on the specimen label and could not be inferred by the cataloguer. Since we cannot verify that these samples were identified by an expert and who that expert was, we report these samples as still needing expert verification. However, of the 1011 undetermined samples, 372 have a species level ID and 248 have a genus level ID so the data may still be useful in some applications where taxonomic accuracy is not critical. This leaves 391 samples only with a family or higher taxon level identification that could be determined further. Amongst the 8585 samples that were determined by an expert 5865 are identified to species, 2311 are identified to genus. This leaves 409 expert determined records that have only a family or higher taxon level identification. Of these some are records that cannot be identified further (usually because they are lacking polyps or some other diagnostic character).

Table 6-2 provides a breakdown of the 800 coral samples (391 undetermined, 409 expert determined) that are only identified to family or higher taxon level to show where future targeted expert verification and identification work could take place.

Table 6-2: Protected coral samples that are only identified to family or higher taxon level in *niwainvert* on 19 July 2023. These counts include samples that have been examined by experts to a parataxonomic level and samples that have not been verified by an expert.

| Protected coral group | Order | Family | No. of samples | No. of specimens | |
|-------------------------|--------------|---------------------|----------------|------------------|--|
| Black corals | Antipatharia | Leiopathidae | 1 | 1 | |
| | | Myriopathidae | 3 | 3 | |
| | | Schizopathidae | 2 | 3 | |
| | | Stylopatheridae | 1 | 1 | |
| | | Antipatharia undet. | 61 | 197 | |
| Black corals Total | | | 68 | 205 | |
| Gorgonian corals | Alcyonacea | Acanthogorgiidae | 11 | 66 | |
| | | Anthothelidae | 13 | 16 | |
| | | Chrysogorgiidae | 16 | 23 | |
| | | Coralliidae | 13 | 16 | |
| | | Ellisellidae | 4 | 11 | |
| | | Gorgoniidae | 2 | 2 | |
| | | Keratoisididae | 111 | 150 | |
| | | Keroeididae | 8 | 15 | |
| | | Keroeididae? | 1 | 1 | |
| | | Mopseidae | 56 | 83 | |
| | | Plexauridae | 113 | 216 | |
| | | Primnoidae | 67 | 93 | |
| Gorgonian corals undet. | | | 133 | 157 | |
| Gorgonian corals Total | | | 548 | 849 | |

| Protected coral group | Order | Family | No. of samples | No. of specimens |
|------------------------------|---------------|---------------------|-----------------------|-------------------------|
| Hydrocorals | Anthoathecata | Stylasteridae | 97 | 473 |
| Hydrocorals Total | | | 97 | 473 |
| Stony corals | Scleractinia | Caryophylliidae | 13 | 47 |
| | | Caryophylliidae? | 1 | 1 |
| | | Dendrophylliidae | 8 | 16 |
| | | Oculinidae | 1 | 1 |
| | | Scleractinia undet. | 64 | 142 |
| Stony corals Total | | | 87 | 207 |
| Grand Total | | | 800 | 1734 |

The gorgonian corals are the most in need of further identification with the highest number of samples not yet identified beyond family (548 samples, 849 specimens), followed by hydrocorals, stony corals and black corals with less than a hundred samples each that are not yet identified beyond family. Undetermined gorgonians, the bamboo coral Keratoisididae and sea fan family Plexauridae have the highest number of unidentified samples and could benefit from further taxonomic attention. The Plexauridae are most likely paramuriceids based on the current taxonomic understanding of the family according to McFadden et al. (2022). Currently there is work underway to have Kermadec specimens further identified by experts via the Ngāti Kuri and Auckland Museum Te Mana O Rangitāhua project, and current year observer collected specimens will be identified under DOC project (INT2022-03), so that will address some of the unidentified samples in this list.

7 Conclusion and recommendations

The new information provided in this report can better inform DOC managers and other stakeholders about the biodiversity and distribution of protected coral groups in the New Zealand EEZ. The 652 new identifications and the 9596 coral records from the full NZ EEZ extract from *niwainvert* will specifically provide more confidence and resolution for assessment of threat to coral species during the next New Zealand Threat Classification workshop for marine invertebrates.

There are still many specimens (800 samples, 1734 specimens), particularly in the gorgonian coral groups, that have only been identified to family or higher taxon level, highlighting the gap in knowledge of this group in NZ waters. We recommend that international expert taxonomists are invited to further identify specimens to further determine genus and species level diversity of the groups Paramuriceidae/Plexauridae, Keratoisididae and Mopseidae.

8 Acknowledgements

We thank Taini Paul-Tomoana, Dean Stotter, and Kate Neill, NIWA for their assistance with the registration and curation of corals. We thank Lyndsey Holland of CSP DOC for providing funding, guidance and contract management. We thank Owen Anderson for his review of the report. This project is funded under DOC project POP2022-04 (NIWA project DOC23305). Specimens are housed in the NIWA Invertebrate Collection, a Nationally Significant Collection and Database funded by the Ministry for Business Innovation and Employment. Specimen data was provided from numerous biodiversity and fisheries research trawl surveys and specific acknowledgement wording can be provided for individual surveys on request. Specimen images from voyage TAN1503 were collected by NIWA as part of the ‘Impact of resource use on vulnerable deep-sea communities’ project (CO1X0906), funded by the Ministry of Business, Innovation & Employment with support from Ministry for Primary Industries (project BEN2014-02) and NIWA’s Enabling the Management of Marine Mining (MBIE contract CO1X1228).

9 References

- Bilewitch, J.P. (2022) *Octocoral bycatch diversity on the Chatham Rise*. DOC21302. NIWA Client Report 2022138WN: 23 pp. <https://www.doc.govt.nz/our-work/conservation-services-programme/csp-reports/202122/octocoral-bycatch-diversity-on-the-chatham-rise/>
- Bowden, D.A. (2011) Benthic invertebrate samples and data from the Ocean Survey 20/20 voyages to the Chatham Rise and Challenger Plateau, 2007. *New Zealand Aquatic Environment and Biodiversity Report* 65: 46p. <https://docs.niwa.co.nz/library/public/NZAEBR65.pdf>
- Clark, M.R., Bowden, D.A., Rowden, A.A., Stewart, R. (2019) Little evidence of benthic community resilience to bottom trawling on seamounts after 15 years. *Frontiers in Marine Science* 6: 63. <https://doi.org/10.3389/fmars.2019.00063>
- Clark, M.R., Wood, B., Mackay, K., Anderson, O.F., Hart, A., Rickard, G., Rowden, A. (2022) Underwater Topographic Features in the New Zealand region: development of an updated 'SEAMOUNT' database and information on the extent and intensity of deep-sea trawl fisheries on them. *New Zealand Aquatic Environment and Biodiversity Report* 291: 1–29. <https://www.mpi.govt.nz/dmsdocument/53304-AEBC-291-Underwater-Topographic-Features-in-the-New-Zealand-region-development-of-an-updated-SEAMOUNT-database-and-information-on-the-extent-and-intensity-of-deep-sea-trawl-fisheries-on-them>
- Conservation Services Programme (2022). *Protected Coral Medium-Term Research Plan, Department of Conservation*, February 2022. 17 p. <https://www.doc.govt.nz/globalassets/documents/conservation/marine-and-coastal/marine-conservation-services/resources/rag-resources/csp-corals-medium-term-research-plan-2022.pdf>
- Jones, E.G., Morrison, M.A., Davey, N., Mills, S., Pallentin, A., George, S., Kelly, M., Tuck, I. (2018) Biogenic habitats on New Zealand's continental shelf. Part II: National field survey and analysis. *New Zealand Aquatic Environment and Biodiversity Report* 202: 1–261. <https://docs.niwa.co.nz/library/public/NZAEBR-202.pdf>
- McFadden, C.S., van Ofwegen, L.P., Quattrini, A.M. (2022) Revisionary systematics of Octocorallia (Cnidaria: Anthozoa) guided by phylogenomics. *Bulletin of the Society of Systematic Biologists* 1(3), 8735: 1–79. <https://ssbulletin.org/index.php/bssb/article/view/8735>
- Mills, S., Connell, A., Macpherson, D., Tracey, D. (2023) *INT2019-04 Identification and storage of cold-water coral bycatch specimens*. Milestone 11. Final Annual Report. Prepared for Conservation Services Programme, Department of Conservation NIWA Client Report 2023073WN. 51 p

Appendix A Updated identification of previously and newly registered protected coral species collected in the New Zealand region.

This is an abbreviated extract of the data with some columns removed, for the full list of data please see the accompanying Excel spreadsheet.

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude1 | Longitude1 | Depth 1 | Depth 2 | Count |
|--------------------|----------|----------|------------|------------------|-------------------|------------------|-----------------|------------------------|------------|-----------|------------|---------|---------|-------|
| 56200 | Cnidaria | Anthozoa | Alcyonacea | | Gorgonacea indet. | Bilewitch, Jaret | 09/05/2023 | TAN0906/135 | 13/07/2009 | -34.452 | 173.220 | 157 | 159 | 1 |
| 16456 | Cnidaria | Anthozoa | Alcyonacea | | Gorgonacea indet. | O'Shea, Steve | 2003 | TAN0307/85 | 02/05/2003 | -49.547 | -177.028 | 2040 | 1906 | 1 |
| 14519 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Mills, Sadie | 17/03/2023 | Z10170 | 03/06/1999 | -39.471 | 178.413 | 865 | 865 | 1 |
| 14447 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 18/04/2023 | Z9437 | 26/10/1998 | -44.430 | -178.616 | 843 | | 1 |
| 14474 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | Z2371 | 15/04/1971 | -41.383 | 170.783 | 366 | | 1 |
| 14494 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | Z2375 | 16/04/1971 | -42.500 | 170.600 | 348 | | 1 |
| 14506 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | Z2376 | 17/04/1971 | -42.450 | 169.233 | 348 | | 1 |
| 163539 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | O'Shea, Steve | 2000 | Z10132 | 21/04/2000 | -42.532 | 170.577 | 277 | | 1 |
| 102330 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | TAN1503/56 | 03/04/2015 | -42.790 | -179.987 | 918 | 944 | 1 |
| 102344 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | TAN1503/67 | 04/04/2015 | -42.798 | 179.988 | 936 | 1031 | 1 |
| 162827 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | E731 | 25/03/1967 | -37.392 | 177.200 | 602 | | 1 |
| 14435 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | G888 | 14/12/1970 | -48.267 | 177.840 | 1020 | | 1 |
| 14491 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | G886 | 13/12/1970 | -48.233 | 179.683 | 335 | | 1 |
| 162818 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | X486 | 04/07/1994 | -42.777 | -179.914 | 910 | | 1 |
| 72542 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 09/05/2023 | TAN1104/59 | 11/03/2011 | -35.360 | 178.511 | 1270 | 1410 | 1 |
| 126183 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 03/05/2023 | SO254/36ROV10_BIOBOX8 | 09/02/2017 | -39.990 | 178.215 | 778.2 | | 1 |
| 126272 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 03/05/2023 | SO254/77ROV14_BIOBOX17 | 20/02/2017 | -43.289 | 173.606 | 679 | | 1 |
| 53331 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 23/05/2023 | TAN0905/61 | 20/06/2009 | -41.798 | -179.504 | 1219 | 1286 | 1 |
| 53578 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 23/05/2023 | TAN0905/97 | 26/06/2009 | -44.147 | -174.690 | 440 | 600 | 40 |
| 53949 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 23/05/2023 | TAN0905/111 | 27/06/2009 | -44.148 | -174.691 | 458 | 648 | 20 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|------------------|---------------|--------------------|-----------------|-------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 53954 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 09/05/2023 | TAN0905/111 | 27/06/2009 | -44.148 | -174.691 | 458 | 648 | 1 |
| 54067 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 23/05/2023 | TAN0905/113 | 27/06/2009 | -44.150 | -174.757 | 519 | 609 | 5 |
| 54341 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 23/05/2023 | TAN0905/121 | 28/06/2009 | -44.028 | -174.591 | 801 | 823 | 1 |
| 149763 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | TAN0104/48 | 16/04/2001 | -42.786 | -179.985 | 993 | 900 | 1 |
| 14512 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Mills, Sadie | 17/03/2023 | S71 | 27/09/1978 | -47.920 | 178.627 | 365 | | 1 |
| 14443 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | R440 | 16/06/1990 | -39.438 | 178.345 | 970 | | 1 |
| 14445 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | R439 | 16/06/1990 | -39.447 | 178.333 | 1000 | | 1 |
| 14517 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 17/04/2023 | X700 | 12/02/1996 | -35.841 | 177.908 | 1525 | 1798 | 1 |
| 162738 | Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia | Bilewitch, Jaret | 14/03/2023 | KAH2205/47 | 12/10/2022 | -34.684 | 172.263 | 172 | 175 | 1 |
| 163743 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothelidae | Bilewitch, Jaret | 08/05/2023 | Q13 | 15/03/1978 | -43.460 | -179.782 | 415 | | 1 |
| 162865 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothelidae | Bilewitch, Jaret | 18/04/2023 | J59 | 20/05/1970 | -43.850 | 179.417 | 309 | | 1 |
| 162828 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothelidae | Bilewitch, Jaret | 17/04/2023 | X486 | 04/07/1994 | -42.777 | -179.914 | 910 | | 1 |
| 140314 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothelidae | Bilewitch, Jaret | 03/05/2023 | TAN1903/106 | 21/06/2019 | -43.368 | 179.451 | 396 | 396 | 1 |
| 162843 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 17/04/2023 | I721 | 26/03/1979 | -44.123 | 175.770 | 540 | | 1 |
| 162995 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 18/04/2023 | S192 | 31/10/1979 | -43.250 | 173.828 | 130 | | 1 |
| 162839 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 17/04/2023 | Q38 | 24/03/1978 | -44.413 | -176.727 | 345 | | 1 |
| 162859 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 17/04/2023 | Q39 | 24/03/1978 | -44.433 | -176.617 | 255 | | 1 |
| 163742 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 08/05/2023 | Q13 | 15/03/1978 | -43.460 | -179.782 | 415 | | 1 |
| 93575 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 17/04/2023 | N868 | 18/12/1976 | -43.550 | 179.800 | 395 | | 1 |
| 162886 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 09/05/2023 | Z9385 | 27/10/1998 | -44.060 | 179.367 | 673 | | 1 |
| 162829 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 18/04/2023 | E731 | 25/03/1967 | -37.392 | 177.200 | 602 | | 1 |
| 163745 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 08/05/2023 | T109 | 24/04/1981 | -39.763 | 178.235 | 288 | | 1 |
| 16446 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 17/04/2023 | U246 | 10/12/1982 | -42.508 | 173.643 | 660 | | 1 |
| 163684 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Williams, Gary, C. | 09/05/1995 | A910 | 13/09/1963 | -43.067 | -178.650 | 549 | | 1 |
| 162825 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 18/04/2023 | X486 | 04/07/1994 | -42.777 | -179.914 | 910 | | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|-----------------|------------------------|----------------------------|-----------------|------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 126883 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Kessel, G. & Bilewitch, J. | 15/03/2023 | TAN1801/25 | 11/01/2018 | -42.454 | -178.003 | 865 | 893 | 1 |
| 162820 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 17/04/2023 | E842 | 16/03/1968 | -33.900 | 172.283 | 224 | | 1 |
| 149758 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 17/04/2023 | G697 | 21/01/1970 | -46.325 | 170.700 | 528 | | 1 |
| 162883 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 17/04/2023 | TAN0104/48 | 16/04/2001 | -42.786 | -179.985 | 993 | 900 | 2 |
| 163748 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 03/05/2023 | S46 | 21/09/1978 | -53.997 | 171.220 | 1075 | | 2 |
| 149943 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela | Bilewitch, Jaret | 17/04/2023 | Z9752 | 02/04/1999 | -34.172 | 172.197 | 190 | | 1 |
| 163692 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Anthothela? | Bilewitch, Jaret | 18/04/2023 | E842 | 16/03/1968 | -33.900 | 172.283 | 224 | | 1 |
| 163685 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Iciligorgia | Bilewitch, Jaret | 17/04/2023 | Z10972 | 04/09/2001 | -43.121 | 175.819 | 467 | | 1 |
| 163511 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Iciligorgia | Bilewitch, Jaret | 17/04/2023 | Z9741 | 16/04/1999 | -34.170 | 172.210 | 200 | | 2 |
| 162899 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Iciligorgia? | Bilewitch, Jaret | 17/04/2023 | Q24 | 22/03/1978 | -44.495 | -176.562 | 320 | | 1 |
| 163519 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Iciligorgia? | Bilewitch, Jaret | 18/04/2023 | Z10929 | 04/09/2001 | -43.121 | 175.819 | 467 | | 1 |
| 149736 | Cnidaria | Anthozoa | Alcyonacea | Anthothelidae | Solenocaulon | Mills, Sadie | 07/12/2022 | Z2697 | 22/11/1977 | -34.400 | 173.083 | 101 | | 1 |
| 162715 | Cnidaria | Anthozoa | Alcyonacea | Astrogorgiidae | Astrogorgia? | Bilewitch, Jaret | 14/03/2023 | KAH2205/47 | 12/10/2022 | -34.684 | 172.263 | 172 | 175 | 2 |
| 149748 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Chrysogorgiidae indet. | Mills, Sadie | 07/12/2022 | X631 | 09/02/1996 | -35.383 | 178.473 | 1990 | 2120 | 1 |
| 149771 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Chrysogorgia | Tracey, Di | 08/05/2023 | Z11063 | 18/04/2002 | -34.164 | 173.964 | 820 | 805 | 1 |
| 163392 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Chrysogorgia | Tracey, Di | 08/05/2023 | Z9160 | 24/06/1998 | -36.520 | 176.497 | 912 | | 1 |
| 163082 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Chrysogorgia | Tracey, Di | 08/05/2023 | X140 | 27/11/1989 | -37.190 | 176.973 | 770 | | 1 |
| 162881 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Chrysogorgia | O'Shea, Steve | | Z10168 | 03/06/1999 | -39.476 | 178.422 | 874 | | 1 |
| 149761 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Chrysogorgia | Tracey, Di | 08/05/2023 | KAH9907/52 | 05/06/1999 | -36.520 | 176.492 | 975 | 1190 | 1 |
| 16461 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Chrysogorgia | Tracey, Di | 08/05/2023 | E879 | 22/03/1968 | -35.317 | 172.417 | 768 | | 1 |
| 114380 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Chrysogorgia | Tracey, Di | 08/05/2023 | TAN0307/55 | 28/04/2003 | -49.669 | 179.925 | 2648 | 2650 | 1 |
| 163390 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Iridogorgia | Bilewitch, Jaret | 03/05/2023 | Z9160 | 24/06/1998 | -36.520 | 176.497 | 912 | | 1 |
| 163535 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Iridogorgia | Sanchez, Juan A. | 2005 | Z10804 | 23/05/2001 | -35.738 | 178.508 | 1045 | 500 | 1 |
| 162858 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Isidoides | Xu, Yu | 15/05/2023 | P970 | 17/06/1980 | -39.500 | 178.833 | 3391 | | 1 |
| 91301 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Metallogorgia | Bilewitch, Jaret | 09/05/2023 | TAN1003/45 | 24/03/2010 | -39.784 | 178.364 | 830 | | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|-----------------|-----------------------|---------------------------|-----------------|------------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 64443 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Metallogorgia | Bilewitch, Jaret | 09/05/2023 | TAN1007/52 | 01/06/2010 | -35.348 | 178.549 | 1180 | 1284 | 3 |
| 64444 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Metallogorgia | Bilewitch, Jaret | 09/05/2023 | TAN1007/52 | 01/06/2010 | -35.348 | 178.549 | 1180 | 1284 | 1 |
| 72235 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Metallogorgia | Bilewitch, Jaret | 09/05/2023 | TAN1104/19 | 03/03/2011 | -36.476 | 177.892 | 1460 | 1456 | 1 |
| 72509 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Metallogorgia | Bilewitch, Jaret | 09/05/2023 | TAN1104/55 | 10/03/2011 | -35.358 | 178.526 | 1335 | 1425 | 1 |
| 53356 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Metallogorgia | Bilewitch, Jaret | 09/05/2023 | TAN0905/63 | 20/06/2009 | -41.766 | -179.528 | 1255 | 1430 | 2 |
| 64851 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Pseudochrysogorgia | Bilewitch, Jaret | 09/05/2023 | TAN1007/107 | 07/06/2010 | -35.362 | 178.539 | 1128 | 1214 | 1 |
| 163281 | Cnidaria | Anthozoa | Alcyonacea | Chrysogorgiidae | Radicipes | Mills, Sadie | 17/04/2023 | W260 | 19/09/1993 | -42.950 | 179.000 | 665 | 625 | 2 |
| 127101 | Cnidaria | Anthozoa | Alcyonacea | Corallidae | Corallium | Tracey, Di | 03/05/2023 | SO254/33ROV08_BIOBOX19 | 07/02/2017 | -35.382 | 178.980 | 1190.8 | | 1 |
| 126098 | Cnidaria | Anthozoa | Alcyonacea | Ellisellidae | Verrucella? | Bilewitch, Jaret | 20/04/2023 | SO254/25ROV07_BIOBOX5 | 05/02/2017 | -30.232 | -178.462 | 349.9 | | 1 |
| 126106 | Cnidaria | Anthozoa | Alcyonacea | Ellisellidae | Viminella? | Bilewitch, Jaret | 20/04/2023 | SO254/25ROV07_BIOBOX10 | 05/02/2017 | -30.232 | -178.452 | 234.1 | | 1 |
| 163693 | Cnidaria | Anthozoa | Alcyonacea | Euplexauridae | Euplexaura | Bilewitch, Jaret | 17/04/2023 | Z2375 | 16/04/1971 | -42.500 | 170.600 | 348 | | 1 |
| 16455 | Cnidaria | Anthozoa | Alcyonacea | Euplexauridae | Euplexaura | Bilewitch, Jaret | 18/04/2023 | S238 | 16/02/1980 | -45.907 | 166.687 | 28 | | 1 |
| 163751 | Cnidaria | Anthozoa | Alcyonacea | Euplexauridae | Euplexaura | Bilewitch, Jaret | 03/05/2023 | E312 | 10/04/1965 | -34.000 | 171.792 | 119 | | 1 |
| 163092 | Cnidaria | Anthozoa | Alcyonacea | Euplexauridae | Euplexaura | Bilewitch, Jaret | 03/05/2023 | Z9744 | 18/04/1999 | -34.363 | 172.972 | 100 | | 1 |
| 149757 | Cnidaria | Anthozoa | Alcyonacea | Euplexauridae | Euplexaura? | Bilewitch, Jaret | 17/04/2023 | C183 | 05/09/1959 | -39.833 | 173.733 | 95 | | 1 |
| 41290 | Cnidaria | Anthozoa | Alcyonacea | Isididae | Isidiidae | Marriott, Peter | 22/05/2023 | TAN0306/6 | 14/04/2003 | -50.943 | 164.609 | 1140 | 1105 | 1 |
| 163757 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisididae indet. | Marriott, Peter | 21/04/2023 | KAH0204/44 | 18/04/2002 | -34.266 | 174.103 | 850 | 840 | 2 |
| 64401 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisididae | Bilewitch, Jaret | 09/05/2023 | TAN1007/19 | 26/05/2010 | -34.579 | 177.883 | 1670 | 1392 | 3 |
| 149749 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisididae indet. | Mills, Sadie | 07/12/2022 | X631 | 09/02/1996 | -35.383 | 178.473 | 1990 | 2120 | 1 |
| 163699 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisididae | Bilewitch J. & Marriot P. | 23/04/2023 | C632 | 27/05/1961 | -39.233 | 172.017 | 406 | | 5 |
| 53335 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisididae | Bilewitch, Jaret | 09/05/2023 | TAN0905/61 | 20/06/2009 | -41.798 | -179.504 | 1219 | 1286 | 1 |
| 125644 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisididae | Bilewitch, Jaret | 09/05/2023 | TAN1611/DR-16 | 14/10/2016 | -32.715 | 178.740 | 1840 | 1590 | 1 |
| 90012 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisididae | Bilewitch, Jaret | 20/04/2023 | TAN1311/50 | 24/10/2013 | -42.761 | 163.923 | 2760 | | 1 |
| 163219 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Acanella | Bilewitch, Jaret | 20/04/2023 | Z9843 | 05/06/1999 | -36.506 | 176.516 | 920 | | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|----------------|------------|--------------------------|-----------------|------------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 163697 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Acanella | Tracey, D & Bilewitch, J | 17/04/2023 | C956 | 07/03/1963 | -43.117 | 175.050 | 232 | | 1 |
| 163224 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Acanella | Bilewitch, Jaret | 20/04/2023 | F872_TAM | 03/10/1968 | -37.343 | 178.187 | 878 | 832 | 1 |
| 126329 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Acanella | Bilewitch, Jaret | 20/04/2023 | SO254/84ROV18_BIOBOX17 | 23/02/2017 | -37.911 | 179.216 | 1269.8 | | 1 |
| 149772 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Acanella | O'Shea, Steve | | TAN0107/127 | 20/05/2001 | -35.767 | 178.542 | 2120 | 1722 | 1 |
| 14384 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Acanella | Bilewitch, Jaret | 20/04/2023 | T35 | 13/03/1981 | -48.827 | 179.782 | 832 | | 1 |
| 99689 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Acanella | Bilewitch, Jaret | 19/04/2023 | T36 | 13/03/1981 | -48.728 | 179.452 | 775 | | 1 |
| 99689 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Acanella | Bilewitch, Jaret | 19/04/2023 | T36 | 13/03/1981 | -48.728 | 179.452 | 775 | | 1 |
| 163229 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Acanella | Bilewitch, Jaret | 19/04/2023 | T32 | 13/03/1981 | -48.393 | -179.710 | 668 | | 1 |
| 163719 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Acanella | Bilewitch, Jaret | 20/04/2023 | TAN0307/47 | 23/04/2003 | -49.597 | 178.849 | 725 | 731 | 1 |
| 163542 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Isidella | Tracey, Di | 03/05/2023 | Y30 | 14/03/1997 | -46.211 | 165.856 | 1335 | | 1 |
| 163543 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Isidella | Tracey, Di | 03/05/2023 | P939 | 22/04/1980 | -41.340 | 166.913 | 1760 | | 1 |
| 126336 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Isidella | Bilewitch, Jaret | 03/05/2023 | SO254/85ROV19_BIOBOX16 | 24/02/2017 | -35.610 | 178.854 | 1149.9 | | 1 |
| 162690 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Isidella? | Bilewitch, Jaret | 20/04/2023 | TAN0509/28 | 25/06/2005 | -42.671 | -178.997 | 1123 | 1130 | 1 |
| 144437 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Isidella? | Bilewitch, Jaret | 09/05/2023 | TAN1807/58 | 06/08/2018 | -42.092 | 170.002 | 915 | 920 | 1 |
| 163388 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, Di | 19/04/2023 | Z9160 | 24/06/1998 | -36.520 | 176.497 | 912 | | 1 |
| 163282 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, D & Bilewitch, J | 03/05/2023 | KAH9907/52 | 05/06/1999 | -36.520 | 176.492 | 975 | 1190 | 1 |
| 163258 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, Di | 19/04/2023 | KAH9907/53 | 05/06/1999 | -36.505 | 176.508 | 990 | 1100 | 1 |
| 163260 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, Di | 03/05/2023 | KAH9907/51 | 05/06/1999 | -36.506 | 176.516 | 920 | 1053 | 1 |
| 114382 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, D & Bilewitch, J | 08/05/2023 | I689 | 17/03/1979 | -48.858 | 178.692 | 808 | | 1 |
| 162689 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Bilewitch, Jaret | 03/05/2023 | TAN0509/23 | 24/06/2005 | -42.680 | -179.397 | 1140 | 1145 | 1 |
| 162688 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, Di | 19/04/2023 | TAN0509/28 | 25/06/2005 | -42.671 | -178.997 | 1123 | 1130 | 1 |
| 162672 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | O'Shea, Steve | 2001 | Z10958 | 07/11/2001 | -44.018 | 178.646 | 760 | | 1 |
| 163248 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, Di | 19/04/2023 | Q343 | 14/11/1979 | -44.130 | 175.797 | 500 | | 1 |
| 149845 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, Di | 19/04/2023 | T109 | 24/04/1981 | -39.763 | 178.235 | 288 | | 2 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|----------------|---------------------------|--------------------------|-----------------|------------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 163252 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, D & Bilewitch, J | 03/05/2023 | X633 | 10/02/1996 | -35.372 | 178.484 | 1780 | 1600 | 1 |
| 163541 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, D & Bilewitch, J | 03/05/2023 | P941 | 23/04/1980 | -41.253 | 167.120 | 1463 | 1463 | 1 |
| 154041 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Bilewitch, Jaret | 09/05/2023 | TAN0803/36 | 01/04/2008 | -50.099 | 163.485 | 1144 | 1365 | 1 |
| 162668 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Grant, Ralph, A | | E906 | 28/03/1968 | -38.650 | 172.633 | 691 | 1 | |
| 163247 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, D & Bilewitch, J | 03/05/2023 | I368 | 23/11/1977 | -34.213 | 173.022 | 452 | 460 | 1 |
| 72907 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, D & Bilewitch, J | 03/05/2023 | TAN1104/123 | 19/03/2011 | -35.861 | 178.448 | 1251 | 1478 | 1 |
| 53721 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Bilewitch, Jaret | 09/05/2023 | TAN0905/99 | 26/06/2009 | -44.140 | -174.720 | 641 | 758 | 1 |
| 53758 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Bilewitch, Jaret | 09/05/2023 | TAN0905/102 | 26/06/2009 | -44.127 | -174.570 | 845 | 940 | 1 |
| 163250 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, D & Bilewitch, J | 03/05/2023 | TAN0107/234 | 24/05/2001 | -36.135 | 178.201 | 1140 | 698 | 1 |
| 92175 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, D & Bilewitch, J | 03/05/2023 | J681 | 08/09/1974 | -37.353 | 177.102 | 363 | | 1 |
| 163257 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, Di | 19/04/2023 | TAN0414/67 | 16/12/2004 | -48.938 | 166.587 | 467 | 503 | 1 |
| 149750 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis indet. | Mills, Sadie | 07/12/2022 | Z9897 | 19/10/1999 | -37.487 | 175.295 | | | 1 |
| 162841 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis | Tracey, Di | 19/04/2023 | Z10173 | 23/05/2000 | -49.774 | -176.679 | 1000 | 1089 | 1 |
| 143084 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis flexibilis | Tracey, D & Bilewitch, J | 03/05/2023 | X138 | 27/11/1989 | -37.250 | 176.841 | 335 | | 1 |
| 162838 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis flexibilis | O'Shea, Steve | | Z9890 | 30/10/1999 | -35.008 | 172.530 | 167 | | 1 |
| 162998 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis flexibilis | Tracey, D & Bilewitch, J | 03/05/2023 | E844 | 16/03/1968 | -34.150 | 172.125 | 0 | | 1 |
| 114358 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis hikurangiensis | Tracey, D & Bilewitch, J | 03/05/2023 | I691 | 17/03/1979 | -48.835 | 179.737 | 827 | | 1 |
| 64404 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis hikurangiensis | Tracey, D & Bilewitch, J | 03/05/2023 | TAN1007/24 | 27/05/2010 | -35.330 | 178.352 | 2428 | 2294 | 1 |
| 126067 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis hikurangiensis | Tracey, D & Bilewitch, J | 03/05/2023 | SO254/18ROV05_BIOBOX16 | 03/02/2017 | -29.288 | -178.016 | 236.9 | | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|----------------|----------------------------|--------------------------|-----------------|-----------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 16452 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis hikurangiensis? | Bilewitch, Jaret | 20/04/2023 | E773 | 15/10/1967 | -42.000 | 169.900 | 968 | | 1 |
| 163259 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis zelandica | Tracey, D & Bilewitch, J | 03/05/2023 | KAH9907/51 | 05/06/1999 | -36.506 | 176.516 | 920 | 1053 | 1 |
| 105096 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis zelandica | Tracey, D & Bilewitch, J | 03/05/2023 | TAN1312/D7-d81 | 15/11/2013 | -33.704 | 171.729 | 932 | 837 | 1 |
| 126009 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis zelandica | Tracey, D & Bilewitch, J | 03/05/2023 | SO254/02ROV01_BIOBOX1 | 30/01/2017 | -30.733 | 173.910 | 770.1 | | 1 |
| 163756 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Keratoisis? | Bilewitch, Jaret | 09/05/2023 | TAN0905/61 | 20/06/2009 | -41.798 | -179.504 | 1219 | 1286 | 1 |
| 162666 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Lepidisis | Sanchez, Juan A. | 07/2007 | KAH0204/32 | 17/04/2002 | -34.162 | 173.962 | 810 | 780 | 1 |
| 163254 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Lepidisis | Tracey, Di | 19/04/2023 | KAH0204/40 | 18/04/2002 | -34.164 | 173.964 | 820 | 805 | 1 |
| 163218 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Lepidisis | Tracey, Di | 19/04/2023 | Z10005 | 16/02/2000 | -36.939 | 176.328 | 551 | 550 | 2 |
| 162670 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Lepidisis | Sanchez, Juan A. | 07/2007 | TAN0205/77 | 23/04/2002 | -30.019 | -178.651 | 883 | 682 | 1 |
| 163226 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Lepidisis | Bilewitch, Jaret | 20/04/2023 | F885 | 04/10/1968 | -37.567 | 176.725 | 499 | | 1 |
| 162669 | Cnidaria | Anthozoa | Alcyonacea | Keratoisididae | Lepidisis | Sanchez, Juan A. | 07/2007 | Z10804 | 23/05/2001 | -35.738 | 178.508 | 1045 | 500 | 1 |
| 162685 | Cnidaria | Anthozoa | Alcyonacea | Keroeididae | Keroeides | Sanchez, Juan A. | 2005 | TAN0205/64 | 22/04/2002 | -30.162 | -178.578 | 328 | 287 | 1 |
| 163749 | Cnidaria | Anthozoa | Alcyonacea | Keroeididae? | Keroeidiidae? | Bilewitch, Jaret | 03/05/2023 | S46 | 21/09/1978 | -53.997 | 171.220 | 1075 | | 1 |
| 163223 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Mopseidae | Bilewitch, Jaret | 20/04/2023 | Z9466 | 19/10/1998 | -44.702 | -176.233 | 1046 | | 1 |
| 56173 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Mopseidae | Tracey, Di | 08/05/2023 | TAN0906/134 | 13/07/2009 | -34.465 | 173.212 | 141 | 140 | 2 |
| 162675 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Mopseidae | Sanchez, Juan A. | 2005 | R435 | 15/06/1990 | -39.430 | 178.422 | 985 | 1190 | 1 |
| 163264 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 19/04/2023 | X524 | 12/07/1994 | -43.131 | -174.263 | 799 | | 1 |
| 162674 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 03/05/2023 | KAH9907/37 | 03/06/1999 | -39.491 | 178.418 | 1000 | 980 | 1 |
| 163238 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 19/04/2023 | Z9843 | 05/06/1999 | -36.506 | 176.516 | 920 | | 1 |
| 163242 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 19/04/2023 | Z10929 | 04/09/2001 | -43.121 | 175.819 | 467 | | 1 |
| 163244 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 19/04/2023 | Z10931 | 30/10/2001 | -43.137 | 175.837 | 441 | | 1 |
| 102610 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 03/05/2023 | TAN1503/121 | 11/04/2015 | -44.142 | -174.713 | 724 | 838 | 3 |
| 102657 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 20/04/2023 | TAN1503/122 | 11/04/2015 | -44.148 | -174.748 | 570 | 600 | 23 |
| 163690 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 03/05/2023 | V480 | 07/06/1994 | -41.293 | 176.550 | 725 | | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|-----------|--------------|------------------|-----------------|-------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 148150 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 03/05/2023 | TAN2009/58 | 16/08/2020 | -44.202 | -174.538 | 782 | 933 | 1 |
| 148160 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 30/05/2023 | TAN2009/80 | 19/08/2020 | -44.136 | -174.721 | 640 | 622 | 5 |
| 163750 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 03/05/2023 | TAN1805/157 | 28/05/2018 | -43.351 | 179.458 | 390 | 389 | 1 |
| 53668 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 09/05/2023 | TAN0905/99 | 26/06/2009 | -44.140 | -174.720 | 641 | 758 | 30 |
| 54066 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 09/05/2023 | TAN0905/113 | 27/06/2009 | -44.150 | -174.757 | 519 | 609 | 30 |
| 54117 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 09/05/2023 | TAN0905/114 | 27/06/2009 | -44.150 | -174.768 | 830 | 900 | 10 |
| 54269 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 09/05/2023 | TAN0905/119 | 28/06/2009 | -44.158 | -174.555 | 487 | 616 | 1 |
| 54334 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis | Bilewitch, Jaret | 09/05/2023 | TAN0905/121 | 28/06/2009 | -44.028 | -174.591 | 801 | 823 | 3 |
| 163740 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis? | Bilewitch, Jaret | 08/05/2023 | Q13 | 15/03/1978 | -43.460 | -179.782 | 415 | | 1 |
| 162676 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis? | Bilewitch, Jaret | 03/05/2023 | N857 | 17/12/1976 | -43.543 | 179.542 | 399 | | 1 |
| 163267 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Chathamisis? | Bilewitch, Jaret | 19/04/2023 | Z9469 | 07/10/1998 | -44.385 | -178.157 | 805 | | 1 |
| 125210 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 19/04/2023 | I684 | 15/03/1979 | -48.333 | -179.483 | 705 | | 1 |
| 163263 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 19/04/2023 | V385 | 16/09/1989 | -44.330 | 176.998 | 1086 | | 1 |
| 163221 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 19/04/2023 | Z9436 | 29/09/1998 | -44.230 | 178.441 | 1090 | | 1 |
| 163228 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 20/04/2023 | Z9442 | 01/10/1998 | -44.157 | 178.781 | 922 | | 1 |
| 102613 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 08/05/2023 | TAN1503/121 | 11/04/2015 | -44.142 | -174.713 | 724 | 838 | 10 |
| 163227 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 19/04/2023 | X493 | 06/07/1994 | -43.967 | -174.544 | 665 | 855 | 1 |
| 163266 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 19/04/2023 | X484 | 04/07/1994 | -42.766 | -179.906 | 899 | | 1 |
| 53969 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 09/05/2023 | TAN0905/111 | 27/06/2009 | -44.148 | -174.691 | 458 | 648 | 1 |
| 54064 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 09/05/2023 | TAN0905/113 | 27/06/2009 | -44.150 | -174.757 | 519 | 609 | 30 |
| 54065 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 09/05/2023 | TAN0905/113 | 27/06/2009 | -44.150 | -174.757 | 519 | 609 | 20 |
| 54116 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 09/05/2023 | TAN0905/114 | 27/06/2009 | -44.150 | -174.768 | 830 | 900 | 3 |
| 54138 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 09/05/2023 | TAN0905/115 | 27/06/2009 | -44.136 | -174.720 | 610 | 692 | 4 |
| 163747 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 03/05/2023 | S46 | 21/09/1978 | -53.997 | 171.220 | 1075 | | 1 |
| 114361 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 19/04/2023 | TAN0307/46 | 23/04/2003 | -49.665 | 178.907 | 524 | 504 | 1 |
| 163233 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis | Bilewitch, Jaret | 03/05/2023 | Y31 | 14/03/1997 | -45.828 | 165.802 | 1800 | 1800 | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|-----------|-------------|--------------------------|-----------------|-----------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 163723 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis? | Bilewitch, Jaret | 19/04/2023 | I674 | 14/03/1979 | -48.007 | -179.175 | 750 | | 1 |
| 163527 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis? | Bilewitch, Jaret | 19/04/2023 | V373 | 13/09/1989 | -43.647 | 179.001 | 392 | | 3 |
| 103153 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Minuisis? | Bilewitch, Jaret | 20/04/2023 | TAN1312/D15-d60 | 13/11/2013 | -33.434 | 170.368 | 1204 | 1100 | 1 |
| 163246 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Notisis | Bilewitch, Jaret | 20/04/2023 | D223 | 27/09/1964 | -41.167 | 170.233 | 770 | | 1 |
| 163508 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Notisis | Bilewitch, Jaret | 19/04/2023 | U582 | 05/02/1988 | -31.862 | 172.433 | 790 | | 1 |
| 163217 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Notisis | Tracey, D & Bilewitch, J | 03/05/2023 | E842 | 16/03/1968 | -33.900 | 172.283 | 224 | | 1 |
| 163285 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Notisis | Bilewitch, Jaret | 20/04/2023 | TAN0104/114 | 17/04/2001 | -42.798 | 179.985 | 1000 | 935 | 1 |
| 163524 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Notisis? | Bilewitch, Jaret | 08/05/2023 | D224 | 27/09/1964 | -40.783 | 169.683 | 903 | | 1 |
| 162862 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Notisis? | Bilewitch, Jaret | 09/05/2023 | E851 | 17/03/1968 | -33.717 | 171.167 | 542 | | 1 |
| 53116 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Notisis? | Bilewitch, Jaret | 09/05/2023 | TAN0905/39 | 17/06/2009 | -42.779 | -179.904 | 917 | 1021 | 1 |
| 162823 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Primnoisis | Bilewitch, Jaret | 19/04/2023 | I674 | 14/03/1979 | -48.007 | -179.175 | 750 | | 1 |
| 163243 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Primnoisis | Bilewitch, Jaret | 19/04/2023 | I666 | 13/03/1979 | -47.792 | -178.992 | 1165 | | 1 |
| 163270 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Primnoisis | Bilewitch, Jaret | 19/04/2023 | I721 | 26/03/1979 | -44.123 | 175.770 | 540 | | 1 |
| 163284 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Primnoisis | Bilewitch, Jaret | 20/04/2023 | D230 | 29/09/1964 | -38.167 | 170.350 | 861 | | 1 |
| 163234 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Primnoisis | Bilewitch, Jaret | 19/04/2023 | A904 | 12/09/1963 | -44.253 | 179.590 | 1108 | | 2 |
| 162885 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Primnoisis | Bilewitch, Jaret | 19/04/2023 | T25 | 12/03/1981 | -48.152 | -179.340 | 693 | | 1 |
| 163269 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Primnoisis | Bilewitch, Jaret | 19/04/2023 | T23 | 11/03/1981 | -47.995 | -179.130 | 830 | | 1 |
| 114368 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Primnoisis | Bilewitch, Jaret | 20/04/2023 | TAN0307/47 | 23/04/2003 | -49.597 | 178.849 | 725 | 731 | 1 |
| 114381 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Primnoisis | Bilewitch, Jaret | 19/04/2023 | TAN0307/55 | 28/04/2003 | -49.669 | 179.925 | 2648 | 2650 | 1 |
| 163272 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Primnoisis? | Bilewitch, Jaret | 20/04/2023 | KAH9907/53 | 05/06/1999 | -36.505 | 176.508 | 990 | 1100 | 1 |
| 163222 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Primnoisis? | Bilewitch, Jaret | 19/04/2023 | Z9468 | 02/10/1998 | -44.207 | 179.059 | 959 | | 1 |
| 163245 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Primnoisis? | Bilewitch, Jaret | 19/04/2023 | T25 | 12/03/1981 | -48.152 | -179.340 | 693 | | 1 |
| 163268 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Sclerisis | Bilewitch, Jaret | 19/04/2023 | Z1066 | | -37.105 | 174.525 | 9 | | 1 |
| 163237 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Sclerisis | Bilewitch, Jaret | 19/04/2023 | Z11064 | 18/04/2002 | -34.266 | 174.103 | 850 | 840 | 1 |
| 163241 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Sclerisis | Bilewitch, Jaret | 19/04/2023 | Z11067 | 19/04/2002 | -34.050 | 174.808 | 800 | | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count | |
|--------------------|----------|----------|------------|----------------|-----------------------|------------------|------------------|------------------------|-------------|-----------------------|------------------------|--------------------|--------------------|-------|---|
| 163265 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Sclerisis | Bilewitch, Jaret | 19/04/2023 | X138 | 27/11/1989 | -37.250 | 176.841 | 335 | | 1 | |
| 163240 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Sclerisis | Bilewitch, Jaret | 19/04/2023 | I694 | 18/03/1979 | -49.500 | 178.750 | 1004 | | 1 | |
| 149770 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Sclerisis | Bilewitch, Jaret | 19/04/2023 | TAN9915/27A | 18/12/1999 | -36.622 | 175.095 | | | 1 | |
| 163274 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Sclerisis | Bilewitch, Jaret | 19/04/2023 | U600 | 08/02/1988 | -31.028 | 173.378 | 620 | | 1 | |
| 163225 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Sclerisis | Bilewitch, Jaret | 20/04/2023 | F868 | 02/10/1968 | -37.475 | 179.058 | 808 | 1000 | 1 | |
| 105103 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Sclerisis | Bilewitch, Jaret | 20/04/2023 | TAN1312/D7-d81 | 15/11/2013 | -33.704 | 171.729 | 932 | 837 | 1 | |
| 103494 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Sclerisis | Bilewitch, Jaret | 19/04/2023 | T46 | 14/03/1981 | -49.692 | 178.583 | 580 | | 1 | |
| 163720 | Cnidaria | Anthozoa | Alcyonacea | Mopseidae | Sclerisis | Bilewitch, Jaret | 20/04/2023 | TAN0307/47 | 23/04/2003 | -49.597 | 178.849 | 725 | 731 | 1 | |
| 126355 | Cnidaria | Anthozoa | Alcyonacea | Paragorgiidae | Paragorgia | Bilewitch, Jaret | 03/05/2023 | SO254/85ROV19_BIOBOX2 | 24/02/2017 | -35.609 | 178.854 | 1168 | | 1 | |
| 126147 | Cnidaria | Anthozoa | Alcyonacea | Paragorgiidae | Sibogagorgia | Bilewitch, Jaret | 03/05/2023 | SO254/33ROV08_BIOBOX9 | 07/02/2017 | -35.379 | 178.976 | 1332.2 | | 1 | |
| 126356 | Cnidaria | Anthozoa | Alcyonacea | Paragorgiidae | Sibogagorgia | Bilewitch, Jaret | 03/05/2023 | SO254/85ROV19_BIOBOX17 | 24/02/2017 | -35.612 | 178.852 | 1149.8 | 1157.9 | 1 | |
| 162716 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae indet. | Bilewitch, Jaret | 22/03/2023 | KAH2205/47 | 12/10/2022 | -34.684 | 172.263 | 172 | 175 | 1 | |
| 64358 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Anthomuricea | Bilewitch, Jaret | 17/04/2023 | TAN1007/12 | 24/05/2010 | -34.623 | 178.389 | 1700 | 1540 | 1 |
| 162869 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Anthomuricea | Bilewitch, Jaret | 17/04/2023 | Z7238 | 17/04/1991 | -45.004 | 167.285 | 30 | 35 | 1 |
| 149745 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Anthomuricea | Bilewitch, Jaret | 18/04/2023 | S261 | 22/02/1980 | -45.352 | 166.988 | 32 | | 1 |
| 162837 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Anthomuricea | Bilewitch, Jaret | 18/04/2023 | P62 | 06/02/1977 | -34.167 | 172.130 | 25 | | 1 |
| 72818 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Anthomuricea | Bilewitch, Jaret | 03/05/2023 | TAN1104/110 | 18/03/2011 | -35.713 | 178.484 | 581 | 724 | 5 |
| 26883 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Anthomuricea | Bilewitch, Jaret | 23/05/2023 | TAN0616/25 | 05/11/2006 | -39.547 | 178.329 | 810 | 786 | 1 |
| 26883 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Anthomuricea | Bilewitch, Jaret | 23/05/2023 | TAN0616/25 | 05/11/2006 | -39.547 | 178.329 | 810 | 786 | 1 |
| 162723 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Anthomuricea? | Bilewitch, Jaret | 14/03/2023 | KAH2205/47 | 12/10/2022 | -34.684 | 172.263 | 172 | 175 | 1 |
| 162856 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Bebryce | Bilewitch, Jaret | 17/04/2023 | TAN0104/288 | 19/04/2001 | -42.761 | -179.988 | 972 | 890 | 1 |
| 149841 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Bebryce | Bilewitch, Jaret | 18/04/2023 | D424 | 14/03/1965 | -41.083 | 178.000 | 2850 | | 1 |
| 149844 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Bebryce? | Bilewitch, Jaret | 18/04/2023 | E849 | 17/03/1968 | -33.917 | 171.533 | 216 | | 2 |
| 149938 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Clematissa? | Bilewitch, Jaret | 18/04/2023 | I674 | 14/03/1979 | -48.007 | -179.175 | 750 | | 1 |
| 42512 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Muriceides | Bilewitch, Jaret | 08/04/2023 | TAN0617/93 | 20/12/2006 | -50.390 | 169.808 | 607 | 607 | 1 |
| 163089 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuriceidae | Muriceides | Bilewitch, Jaret | 03/05/2023 | E312 | 10/04/1965 | -34.000 | 171.792 | 119 | | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|----------------|--------------|------------------|-----------------|------------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 163081 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Muriceides? | Bilewitch, Jaret | 20/04/2023 | C627 | 26/05/1961 | -39.217 | 171.900 | 397 | | 1 |
| 162815 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paracis | Bilewitch, Jaret | 18/04/2023 | X369 | 13/02/1992 | -36.077 | 178.018 | 505 | | 1 |
| 163522 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paracis | Bilewitch, Jaret | 18/04/2023 | U608 | 10/02/1988 | -31.892 | 172.532 | 1520 | | 1 |
| 126354 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paracis? | Bilewitch, Jaret | 03/05/2023 | SO254/85ROV19_BIOBOX4 | 24/02/2017 | -35.609 | 178.854 | 1164.3 | | 1 |
| 162810 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuricea | Bilewitch, Jaret | 18/04/2023 | X369 | 13/02/1992 | -36.077 | 178.018 | 505 | | 1 |
| 163501 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuricea | Sanchez, Juan A. | 2003 | KAH0204/40 | 18/04/2002 | -34.164 | 173.964 | 820 | 805 | 1 |
| 163506 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuricea | Sanchez, Juan A. | 2004 | KAH0204/40 | 18/04/2002 | -34.164 | 173.964 | 820 | 805 | 1 |
| 149940 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuricea | Bilewitch, Jaret | 17/04/2023 | Z9841 | 05/06/1999 | -37.469 | 177.116 | 230 | | 1 |
| 163691 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuricea | Bilewitch, Jaret | 18/04/2023 | S233 | 15/02/1980 | -46.030 | 166.770 | 9 | 22 | 1 |
| 127087 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuricea | Bilewitch, Jaret | 20/04/2023 | SO254/18ROV05_BIOBOX18 | 03/02/2017 | -29.287 | -178.013 | 139.9 | | 1 |
| 163505 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paramuricea | Sanchez, Juan A. | 2004 | TAN0104/336 | 20/04/2001 | -42.768 | -179.922 | 955 | 890 | 1 |
| 104281 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Paraplexaura | Bilewitch, Jaret | 18/04/2023 | Z9695 | 27/01/1999 | -34.367 | 173.000 | 89 | | 3 |
| 162873 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Placogorgia | Bilewitch, Jaret | 18/04/2023 | Z9841 | 05/06/1999 | -37.469 | 177.116 | 230 | | 1 |
| 163500 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Placogorgia | Sanchez, Juan A. | 2003 | KAH9907/40 | 03/06/1999 | -39.471 | 178.413 | 865 | 741 | 1 |
| 163512 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Placogorgia | Bilewitch, Jaret | 18/04/2023 | S233 | 15/02/1980 | -46.030 | 166.770 | 9 | 22 | 3 |
| 56717 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Placogorgia | Bilewitch, Jaret | 09/05/2023 | TAN0906/162 | 14/07/2009 | -34.397 | 173.102 | 119 | 116 | 1 |
| 126266 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Placogorgia | Bilewitch, Jaret | 20/04/2023 | SO254/77ROV14_BIOBOX1 | 20/02/2017 | -43.293 | 173.607 | 851 | | 1 |
| 126267 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Placogorgia | Bilewitch, Jaret | 20/04/2023 | SO254/77ROV14_BIOBOX1 | 20/02/2017 | -43.293 | 173.607 | 851 | | 1 |
| 163504 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Placogorgia? | Sanchez, Juan A. | 2004 | TAN0104/125 | 17/04/2001 | -42.711 | -179.966 | 910 | 1010 | 1 |
| 144460 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Placogorgia? | Bilewitch, Jaret | 08/05/2023 | Z18260 | 04/03/1997 | -34.178 | 172.043 | 25 | | 1 |
| 14485 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Villogorgia | Bilewitch, Jaret | 17/04/2023 | Z9742 | 19/04/1999 | -34.414 | 173.133 | 133 | 210 | 1 |
| 126099 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Villogorgia | Bilewitch, Jaret | 20/04/2023 | SO254/25ROV07_BIOBOX9 | 05/02/2017 | -30.232 | -178.454 | 255 | | 1 |
| 149764 | Cnidaria | Anthozoa | Alcyonacea | Paramuriceidae | Villogorgia | Bilewitch, Jaret | 17/04/2023 | TAN0104/2 | 15/04/2001 | -42.766 | -179.989 | 875 | 757 | 1 |
| 162996 | Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Plexauridae | Bilewitch, Jaret | 18/04/2023 | Q93A | 06/11/1978 | -46.053 | 166.788 | 0 | | 1 |
| 163694 | Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Plexauridae | Bilewitch, Jaret | 17/04/2023 | Z2375 | 16/04/1971 | -42.500 | 170.600 | 348 | | 1 |
| 149941 | Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Plexauridae | Bilewitch, Jaret | 17/04/2023 | Z10891 | 25/08/2000 | -42.170 | 170.470 | 478 | | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|-------------|--------------------------|------------------|-----------------|-------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 162997 | Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Plexauridae n. gen. | Bilewitch, Jaret | 17/04/2023 | E842 | 16/03/1968 | -33.900 | 172.283 | 224 | | 1 |
| 163521 | Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Swiftia | Bilewitch, Jaret | 18/04/2023 | Z10132 | 21/04/2000 | -42.532 | 170.577 | 277 | | 1 |
| 162888 | Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Swiftia | Bilewitch, Jaret | 08/05/2023 | T109 | 24/04/1981 | -39.763 | 178.235 | 288 | | 1 |
| 162855 | Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Swiftia | Bilewitch, Jaret | 18/04/2023 | E842 | 16/03/1968 | -33.900 | 172.283 | 224 | | 1 |
| 162826 | Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Swiftia | Bilewitch, Jaret | 18/04/2023 | C632 | 27/05/1961 | -39.233 | 172.017 | 406 | | 1 |
| 56051 | Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Plexauridae indet. | Bilewitch, Jaret | 09/05/2023 | TAN0906/132 | 13/07/2009 | -34.557 | 173.285 | 139 | 141 | 1 |
| 162893 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Primnoidae indet. | Bilewitch, Jaret | 09/05/2023 | Q14 | 16/03/1978 | -43.347 | -179.347 | 476 | | 1 |
| 149843 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Callogorgia | Bilewitch, Jaret | 09/05/2023 | E849 | 17/03/1968 | -33.917 | 171.533 | 216 | | 1 |
| 162742 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Callogorgia | Tracey, Di | 13/03/2023 | KAH2205/47 | 12/10/2022 | -34.684 | 172.263 | 172 | 175 | 1 |
| 162847 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Callogorgia? | Bilewitch, Jaret | 09/05/2023 | Z10173 | 23/05/2000 | -49.774 | -176.679 | 1000 | 1089 | 1 |
| 163391 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Calyptrophora | Bilewitch, Jaret | 08/05/2023 | Z9160 | 24/06/1998 | -36.520 | 176.497 | 912 | | 1 |
| 163509 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Calyptrophora clinata | Bilewitch, Jaret | 08/05/2023 | U582 | 05/02/1988 | -31.862 | 172.433 | 790 | | 1 |
| 25382 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Dasystenella austasensis | Bilewitch, Jaret | 23/05/2023 | TAN0604/9 | 28/05/2006 | -42.763 | -179.925 | 1019 | 1081 | 1 |
| 28748 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Dasystenella austasensis | Bilewitch, Jaret | 23/05/2023 | TAN0705/103 | 11/04/2007 | -44.081 | -177.971 | 474 | 479 | 1 |
| 9661 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Dasystenella austasensis | Bilewitch, Jaret | 23/05/2023 | Z10719 | 18/04/2001 | -42.769 | -179.928 | 987 | 895 | 1 |
| 163718 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Dasystenella? | Bilewitch, Jaret | 18/04/2023 | S192 | 31/10/1979 | -43.250 | 173.828 | 130 | | 1 |
| 162896 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Dasystenella? | Bilewitch, Jaret | 09/05/2023 | A846 | 27/08/1963 | -47.320 | 166.575 | 1485 | | 1 |
| 162840 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 09/05/2023 | Q38 | 24/03/1978 | -44.413 | -176.727 | 345 | | 1 |
| 154763 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 09/05/2023 | N869 | 18/12/1976 | -43.567 | 179.840 | 395 | | 3 |
| 163753 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 09/05/2023 | J59 | 20/05/1970 | -43.850 | 179.417 | 309 | | 1 |
| 25491 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0501/58 | 06/01/2005 | -43.566 | -178.818 | 447 | 442 | 1 |
| 27577 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0701/56 | | -43.779 | 179.577 | 446 | 460 | 1 |
| 27606 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0701/9 | 30/12/2006 | -43.576 | 177.938 | 355 | 359 | 1 |
| 27624 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0701/14 | 31/12/2006 | -43.358 | 179.583 | 409 | 423 | 2 |
| 45314 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0801/21 | 31/12/2007 | -43.236 | -179.461 | 508 | 515 | 1 |
| 162863 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 08/05/2023 | Z10015 | 18/02/2000 | -36.216 | 176.212 | 343 | 336 | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|------------|-----------------|------------------|-----------------|------------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 102298 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN1503/44 | 02/04/2015 | -42.766 | -179.920 | 990 | 1100 | 1 |
| 102471 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN1503/116 | 11/04/2015 | -44.160 | -174.555 | 497 | 590 | 10 |
| 102509 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN1503/117 | 11/05/2014 | -44.128 | -174.572 | 740 | 961 | 1 |
| 149847 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 08/05/2023 | T109 | 24/04/1981 | -39.763 | 178.235 | 288 | | 1 |
| 91997 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN1401/106 | 21/01/2014 | -42.917 | 174.871 | 744 | | 1 |
| 126957 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 09/05/2023 | TAN1801/48 | 15/01/2018 | -43.536 | -175.216 | 243 | 243 | 1 |
| 25427 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0604/108 | 06/06/2006 | -43.533 | 179.628 | 375 | 381 | 1 |
| 28731 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/06/2023 | TAN0705/88 | 09/04/2007 | -44.204 | -178.926 | 470 | 479 | 2 |
| 154375 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 09/05/2023 | TAN0705/92 | 10/04/2007 | -44.374 | -178.492 | 804 | 821 | 1 |
| 126269 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 03/05/2023 | SO254/77ROV14_BIOBOX1 | 20/02/2017 | -43.293 | 173.607 | 851 | | 1 |
| 126308 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 03/05/2023 | SO254/79ROV16_BIOBOX12 | 22/02/2017 | -40.049 | 178.136 | 892.3 | | 1 |
| 148120 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 03/05/2023 | TAN2009/57 | 16/08/2020 | -44.159 | -174.554 | 486 | 659 | 9 |
| 131034 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 03/05/2023 | TAN1805/157 | 28/05/2018 | -43.351 | 179.458 | 390 | 389 | 15 |
| 131090 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 03/05/2023 | TAN1805/254 | 06/06/2018 | -43.427 | 177.553 | 304 | 306 | 1 |
| 140319 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN1903/107 | 21/06/2019 | -43.371 | 179.453 | 391 | 384 | 4 |
| 53666 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0905/99 | 26/06/2009 | -44.140 | -174.720 | 641 | 758 | 20 |
| 53848 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0905/105 | 26/06/2009 | -44.157 | -174.554 | 485 | 533 | 2 |
| 53942 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0905/110 | 27/06/2009 | -44.127 | -174.570 | 650 | 800 | 1 |
| 54039 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0905/112 | 27/06/2009 | -44.143 | -174.725 | 760 | 821 | 2 |
| 54057 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 22/05/2023 | TAN0905/113 | 27/06/2009 | -44.150 | -174.757 | 519 | 609 | 1 |
| 54141 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0905/115 | 27/06/2009 | -44.136 | -174.720 | 610 | 692 | 1 |
| 54250 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0905/119 | 28/06/2009 | -44.158 | -174.555 | 487 | 616 | 1 |
| 54340 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Bilewitch, Jaret | 23/05/2023 | TAN0905/121 | 28/06/2009 | -44.028 | -174.591 | 801 | 823 | 5 |
| 162743 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella | Tracey, Di | 13/03/2023 | KAH2205/47 | 12/10/2022 | -34.684 | 172.263 | 172 | 175 | 1 |
| 149937 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella? | Bilewitch, Jaret | 08/05/2023 | Q341 | 14/11/1979 | -44.118 | 176.320 | 264 | | 2 |
| 163526 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Metafanniyella? | Bilewitch, Jaret | 08/05/2023 | TAN0104/392 | 21/04/2001 | -42.795 | -179.984 | 1058 | 900 | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|------------|-----------------------|------------------|-----------------|-------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 163471 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Narella? | Bilewitch, Jaret | 08/05/2023 | X494 | 06/07/1994 | -43.839 | -174.302 | 885 | | 1 |
| 163722 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Narella? | Bilewitch, Jaret | 20/04/2023 | TAN1313/DR6 | 28/11/2013 | -35.139 | 177.374 | 1315 | 1300 | 1 |
| 163746 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Paracalyptrophora | Bilewitch, Jaret | 09/05/2023 | E849 | 17/03/1968 | -33.917 | 171.533 | 216 | | 1 |
| 149970 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Paracalyptrophora? | Bilewitch, Jaret | 08/05/2023 | R440 | 16/06/1990 | -39.438 | 178.345 | 970 | | 1 |
| 55129 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Perissogorgia vitrea | Mills, Sadie | 30/06/2023 | TAN0906/54 | 07/07/2009 | -35.145 | 174.351 | 108 | 109 | 1 |
| 58516 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Perissogorgia? | Bilewitch, Jaret | 09/05/2023 | KAH0907/240 | 07/09/2009 | -35.209 | 174.117 | 30 | 29 | 50 |
| 102463 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella (Faxiella) | Bilewitch, Jaret | 23/05/2023 | TAN1503/103 | 09/04/2015 | -44.183 | -174.448 | 1099 | 1254 | 1 |
| 25335 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella (Faxiella) | Bilewitch, Jaret | 23/05/2023 | TAN0604/9 | 28/05/2006 | -42.763 | -179.925 | 1019 | 1081 | 1 |
| 25400 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella (Faxiella) | Bilewitch, Jaret | 23/05/2023 | TAN0604/31 | 30/05/2006 | -42.789 | 179.999 | 1020 | 1054 | 1 |
| 25403 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella (Faxiella) | Bilewitch, Jaret | 23/05/2023 | TAN0604/31 | 30/05/2006 | -42.789 | 179.999 | 1020 | 1054 | 3 |
| 53120 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella (Faxiella) | Bilewitch, Jaret | 23/05/2023 | TAN0905/40 | 17/06/2009 | -42.780 | -179.903 | 921 | 1024 | 1 |
| 53455 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella (Faxiella) | Bilewitch, Jaret | 23/05/2023 | TAN0905/70 | 22/06/2009 | -42.737 | -179.691 | 840 | 1037 | 4 |
| 53468 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella (Faxiella) | Bilewitch, Jaret | 23/06/2023 | TAN0905/70 | 22/06/2009 | -42.737 | -179.691 | 840 | 1037 | 1 |
| 54312 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella (Faxiella) | Bilewitch, Jaret | 23/05/2023 | TAN0905/120 | 28/06/2009 | -44.028 | -174.591 | 796 | 882 | 1 |
| 9658 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella (Faxiella) | Bilewitch, Jaret | 23/05/2023 | Z10738 | 21/04/2001 | -42.761 | -179.989 | 920 | | 1 |
| 9664 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella (Faxiella) | Bilewitch, Jaret | 23/05/2023 | Z10721 | 19/04/2001 | -42.761 | -179.988 | 972 | 890 | 1 |
| 9670 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella (Faxiella) | Bilewitch, Jaret | 23/05/2023 | TAN0104/194 | 18/04/2001 | -42.788 | -179.997 | 1042 | 880 | 1 |
| 9673 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella (Faxiella) | Bilewitch, Jaret | 23/05/2023 | TAN0104/150 | 18/04/2001 | -42.716 | -179.906 | 1181 | 1004 | 1 |
| 163744 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella? | Bilewitch, Jaret | 08/05/2023 | T109 | 24/04/1981 | -39.763 | 178.235 | 288 | | 1 |
| 65003 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Plumarella? | Bilewitch, Jaret | 17/04/2023 | TAN1007/122 | 08/06/2010 | -35.237 | 178.681 | 3378 | 3375 | 1 |
| 162846 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Primnoa | Bilewitch, Jaret | 08/05/2023 | Z10173 | 23/05/2000 | -49.774 | -176.679 | 1000 | 1089 | 1 |
| 162860 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Primnoella | Bilewitch, Jaret | 08/05/2023 | TAN0104/150 | 18/04/2001 | -42.716 | -179.906 | 1181 | 1004 | 1 |
| 54123 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Primnoella insularis | Bilewitch, Jaret | 23/05/2023 | TAN0905/114 | 27/06/2009 | -44.150 | -174.768 | 830 | 900 | 2 |
| 149951 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 08/05/2023 | U238 | 09/12/1982 | -42.475 | 173.573 | 425 | | 1 |
| 149967 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 09/05/2023 | I693 | 18/03/1979 | -49.093 | 178.883 | 778 | | 1 |
| 149971 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 08/05/2023 | Q13 | 15/03/1978 | -43.460 | -179.782 | 415 | | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|------------|------------|--|------------------|-----------------|------------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 149945 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 03/05/2023 | N868 | 18/12/1976 | -43.550 | 179.800 | 395 | | 1 |
| 149947 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 03/05/2023 | J58 | 20/05/1970 | -43.517 | 179.158 | 512 | | 1 |
| 149842 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 08/05/2023 | V373 | 13/09/1989 | -43.647 | 179.001 | 392 | | 6 |
| 163002 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 09/05/2023 | V387 | 16/09/1989 | -43.827 | 176.997 | 498 | | 1 |
| 163262 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 09/05/2023 | V385 | 16/09/1989 | -44.330 | 176.998 | 1086 | | 1 |
| 162821 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 09/05/2023 | X486 | 04/07/1994 | -42.777 | -179.914 | 910 | | 2 |
| 127411 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 23/05/2023 | TAN0705/99 | 10/04/2007 | -44.561 | -178.476 | 1076 | 1103 | 1 |
| 140259 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 03/05/2023 | TAN1902/24 | 06/03/2019 | -46.893 | 171.886 | 1300 | | 1 |
| 126294 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 03/05/2023 | SO254/78ROV15_BIOBOX21 | 21/02/2017 | -41.609 | 175.790 | 1236.2 | | 1 |
| 148133 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 03/05/2023 | TAN2009/58 | 16/08/2020 | -44.202 | -174.538 | 782 | 933 | 3 |
| 149765 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 08/05/2023 | TAN0104/116 | 17/04/2001 | -42.798 | 179.982 | 1000 | 922 | 1 |
| 149944 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 03/05/2023 | S46 | 21/09/1978 | -53.997 | 171.220 | 1075 | | 1 |
| 14724 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 03/05/2023 | R440 | 16/06/1990 | -39.438 | 178.345 | 970 | | 1 |
| 162849 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella | Bilewitch, Jaret | 09/05/2023 | Z10173 | 23/05/2000 | -49.774 | -176.679 | 1000 | 1089 | 1 |
| 163507 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella (Thouarella) diadema? | Bilewitch, Jaret | 08/05/2023 | U582 | 05/02/1988 | -31.862 | 172.433 | 790 | | 5 |
| 53309 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella (Euthouarella) laxa? | Bilewitch, Jaret | 23/05/2023 | TAN0905/60 | 20/06/2009 | -42.810 | -179.516 | 1251 | 1290 | 1 |
| 34997 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella (Thouarella) variabilis var. gracilis | Bilewitch, Jaret | 23/05/2023 | TAN0709/116 | 22/07/2007 | -44.485 | -174.896 | 1199 | 1201 | 1 |
| 25333 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella (Thouarella) variabilis var. gracilis | Bilewitch, Jaret | 23/05/2023 | TAN0604/8 | 28/05/2006 | -42.786 | 179.997 | 898 | 1067 | 3 |
| 25345 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella (Thouarella) variabilis var. gracilis | Bilewitch, Jaret | 23/05/2023 | TAN0604/25 | 29/05/2006 | -42.758 | -179.978 | 1017 | 1123 | 1 |
| 25350 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella (Thouarella) variabilis var. gracilis | Bilewitch, Jaret | 23/05/2023 | TAN0604/38 | 30/05/2006 | -42.766 | -179.927 | 930 | 1090 | 1 |
| 25386 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | Thouarella (Thouarella) variabilis var. gracilis | Bilewitch, Jaret | 23/05/2023 | TAN0604/16 | 29/05/2006 | -42.765 | -179.988 | 993 | 1090 | 2 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|--------------|---------------|--|------------------|-----------------|-----------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 25390 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Thouarella (Thouarella) variabilis</i> var. <i>gracilis</i> | Bilewitch, Jaret | 23/05/2023 | TAN0604/16 | 29/05/2006 | -42.765 | -179.988 | 993 | 1090 | 1 |
| 25410 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Thouarella (Thouarella) variabilis</i> var. <i>gracilis</i> | Bilewitch, Jaret | 23/05/2023 | TAN0604/39 | 30/05/2006 | -42.788 | -180.000 | 1021 | 1055 | 1 |
| 28706 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Thouarella (Thouarella) variabilis</i> var. <i>gracilis</i> | Bilewitch, Jaret | 23/05/2023 | TAN0705/58 | 07/04/2007 | -43.808 | 178.117 | 497 | 502 | 1 |
| 128287 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Thouarella (Thouarella) variabilis</i> var. <i>gracilis</i> | Bilewitch, Jaret | 23/05/2023 | TAN0705/53 | 07/04/2007 | -44.246 | 177.152 | 955 | 992 | 1 |
| 53457 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Thouarella (Thouarella) variabilis</i> var. <i>gracilis</i> | Bilewitch, Jaret | 23/05/2023 | TAN0905/70 | 22/06/2009 | -42.737 | -179.691 | 840 | 1037 | 1 |
| 131017 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Thouarella?</i> | Bilewitch, Jaret | 03/05/2023 | TAN1805/155 | 27/05/2018 | -43.340 | 179.517 | 404 | 401 | 3 |
| 171031 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Tokoprymno</i> | Cairns, Stephen | 06/2019 | TAN0307/46 | 23/04/2003 | -49.665 | 178.907 | 524 | 504 | 2 |
| 102309 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Tokoprymno maia</i> | Bilewitch, Jaret | 23/05/2023 | TAN1503/56 | 03/04/2015 | -42.790 | -179.987 | 918 | 944 | 33 |
| 102361 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Tokoprymno maia</i> | Bilewitch, Jaret | 23/05/2023 | TAN1503/67 | 04/04/2015 | -42.798 | 179.988 | 936 | 1031 | 1 |
| 102433 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Tokoprymno maia</i> | Bilewitch, Jaret | 23/05/2023 | TAN1503/102 | 09/04/2015 | -44.165 | -174.445 | 963 | 1252 | 1 |
| 25415 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Tokoprymno maia</i> | Bilewitch, Jaret | 23/05/2023 | TAN0604/97 | 04/06/2006 | -42.791 | -179.988 | 882 | 1000 | 1 |
| 25418 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Tokoprymno maia</i> | Bilewitch, Jaret | 23/05/2023 | TAN0604/98 | 04/06/2006 | -42.789 | -179.985 | 960 | 1036 | 1 |
| 9662 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Tokoprymno maia</i> | Bilewitch, Jaret | 23/05/2023 | Z10733 | 21/04/2001 | -42.783 | 179.994 | 1000 | | 1 |
| 39606 | Cnidaria | Anthozoa | Alcyonacea | Primnoidae | <i>Tokoprymno n. sp.</i> | Alderslade, Phil | 03/04/2023 | TAN0803/19 | 30/03/2008 | -48.532 | 164.948 | 1060 | 1112 | 1 |
| 93649 | Cnidaria | Anthozoa | Antipatharia | Antipathidae | <i>Antipathes</i> | Stewart, Rob | 19/04/2023 | TAN0906/109 | 10/07/2009 | -34.716 | 173.556 | 172 | 170 | 1 |
| 162901 | Cnidaria | Anthozoa | Antipatharia | Antipathidae | <i>Stichopathes</i> | Stewart, Rob | 19/04/2023 | TAN0107/124 | 20/05/2001 | -35.739 | 178.504 | 620 | 435 | 1 |
| 149848 | Cnidaria | Anthozoa | Antipatharia | Leiopathidae | <i>Leiopathes</i> | Stewart, Rob | 19/04/2023 | T109 | 24/04/1981 | -39.763 | 178.235 | 288 | | 1 |
| 53327 | Cnidaria | Anthozoa | Antipatharia | Leiopathidae | <i>Leiopathes</i> | Stewart, Rob | 19/04/2023 | TAN0905/61 | 20/06/2009 | -41.798 | -179.504 | 1219 | 1286 | 1 |
| 53350 | Cnidaria | Anthozoa | Antipatharia | Leiopathidae | <i>Leiopathes</i> | Stewart, Rob | 19/04/2023 | TAN0905/63 | 20/06/2009 | -41.766 | -179.528 | 1255 | 1430 | 1 |
| 126178 | Cnidaria | Anthozoa | Antipatharia | Leiopathidae | <i>Leiopathes secunda</i> | Stewart, Rob | 19/04/2023 | SO254/36ROV10_BIOBOX2 | 09/02/2017 | -39.990 | 178.215 | 801 | | 1 |
| 126182 | Cnidaria | Anthozoa | Antipatharia | Leiopathidae | <i>Leiopathes secunda</i> | Stewart, Rob | 19/04/2023 | SO254/36ROV10_BIOBOX5 | 09/02/2017 | -39.990 | 178.214 | 794 | | 1 |
| 162737 | Cnidaria | Anthozoa | Antipatharia | Myriopathidae | <i>Antipathella</i> | Stewart, Rob | 21/03/2023 | KAH2205/47 | 12/10/2022 | -34.684 | 172.263 | 172 | 175 | 1 |
| 17101 | Cnidaria | Anthozoa | Antipatharia | Myriopathidae | <i>Antipathella fiordensis</i> | Stewart, Rob | 19/04/2023 | O800 | 18/04/1984 | -45.038 | 167.247 | 0 | 30 | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|--------------|-----------------|-----------------------------|-----------------|-----------------|------------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 17102 | Cnidaria | Anthozoa | Antipatharia | Myriopathidae | Antipathella fiordensis | Stewart, Rob | 19/04/2023 | 0799 | 17/04/1984 | -44.957 | 167.406 | 0 | 34 | 1 |
| 17103 | Cnidaria | Anthozoa | Antipatharia | Myriopathidae | Antipathella fiordensis | Stewart, Rob | 19/04/2023 | 0799 | 17/04/1984 | -44.957 | 167.406 | 0 | 34 | 1 |
| 17105 | Cnidaria | Anthozoa | Antipatharia | Myriopathidae | Antipathella fiordensis | Stewart, Rob | 19/04/2023 | 0797 | 16/04/1984 | -44.666 | 167.913 | 0 | 30 | 1 |
| 17107 | Cnidaria | Anthozoa | Antipatharia | Myriopathidae | Antipathella fiordensis | Stewart, Rob | 19/04/2023 | 0824 | 25/04/1984 | -45.652 | 166.808 | 0 | 35 | 1 |
| 4285 | Cnidaria | Anthozoa | Antipatharia | Schizopathidae | Alternatipathes alternata | Stewart, Rob | 10/05/2023 | TAN0413/52 | 10/11/2004 | -37.234 | 177.217 | 1080 | 980 | 1 |
| 126181 | Cnidaria | Anthozoa | Antipatharia | Schizopathidae | Alternatipathes alternata | Stewart, Rob | 19/04/2023 | SO254/36ROV10_BIOBOX15 | 09/02/2017 | -39.989 | 178.214 | 759 | | 1 |
| 126331 | Cnidaria | Anthozoa | Antipatharia | Schizopathidae | Alternatipathes alternata | Stewart, Rob | 19/04/2023 | SO254/84ROV18_BIOBOX6 | 23/02/2017 | -37.913 | 179.216 | 1409 | | 1 |
| 163393 | Cnidaria | Anthozoa | Antipatharia | Schizopathidae | Bathyphathes | Stewart, Rob | 19/04/2023 | Z9160 | 24/06/1998 | -36.520 | 176.497 | 912 | | 1 |
| 126180 | Cnidaria | Anthozoa | Antipatharia | Schizopathidae | Bathyphathes | Stewart, Rob | 19/04/2023 | SO254/36ROV10_BIOBOX12 | 09/02/2017 | -39.989 | 178.213 | 759.1 | | 1 |
| 64394 | Cnidaria | Anthozoa | Antipatharia | Schizopathidae | Bathyphathes patula | Stewart, Rob | 19/04/2023 | TAN1007/16 | 25/05/2010 | -34.798 | 178.442 | 1800 | 1860 | 1 |
| 126352 | Cnidaria | Anthozoa | Antipatharia | Schizopathidae | Bathyphathes patula | Stewart, Rob | 19/04/2023 | SO254/85ROV19_BIOBOX17 | 24/02/2017 | -35.612 | 178.852 | 1149.8 | 1157.9 | 1 |
| 27796 | Cnidaria | Anthozoa | Antipatharia | Schizopathidae | Dendrobathyphathes isocrada | Stewart, Rob | 19/04/2023 | TAN0616/7 | 04/11/2006 | -40.039 | 178.144 | 766 | 764 | 1 |
| 126143 | Cnidaria | Anthozoa | Antipatharia | Schizopathidae | Parantipathes | Stewart, Rob | 20/04/2023 | SO254/33ROV08_BIOBOX14 | 07/02/2017 | -35.382 | 178.979 | 1216.8 | | 1 |
| 126179 | Cnidaria | Anthozoa | Antipatharia | Schizopathidae | Parantipathes | Stewart, Rob | 19/04/2023 | SO254/36ROV10_BIOBOX10 | 09/02/2017 | -39.989 | 178.214 | 767 | | 1 |
| 126146 | Cnidaria | Anthozoa | Antipatharia | Schizopathidae | Parantipathes helicosticha | Stewart, Rob | 20/04/2023 | SO254/33ROV08_BIOBOX11 | 07/02/2017 | -35.379 | 178.976 | 1312 | | 1 |
| 113898 | Cnidaria | Anthozoa | Antipatharia | Stylopahthidae | Stylopates tenuispina | Stewart, Rob | 19/04/2023 | KAH9301/1 | 31/12/1992 | -36.954 | 176.253 | 284 | 337 | 1 |
| 163572 | Cnidaria | Anthozoa | Scleractinia | | Scleractinia indet. | Mills, Sadie | 24/03/2023 | Z3143 | | -46.373 | 169.878 | | | 1 |
| 163573 | Cnidaria | Anthozoa | Scleractinia | | Scleractinia indet. | Mills, Sadie | 24/03/2023 | C504 | 19/06/1960 | -41.358 | 176.005 | 146 | | 1 |
| 163546 | Cnidaria | Anthozoa | Scleractinia | | Scleractinia indet. | Cairns, Stephen | | C642 | 28/05/1961 | -39.258 | 171.875 | 354 | | 5 |
| 163143 | Cnidaria | Anthozoa | Scleractinia | | Scleractinia indet. | Tracey, Di | 17/04/2023 | S6 | 11/09/1978 | -42.598 | 170.662 | 201 | | 2 |
| 163169 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophylliidae | Tracey, Di | 17/04/2023 | J485 | 07/12/1973 | -50.633 | 167.633 | 320 | 365 | 2 |
| 104359 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia indet. | Tracey, Di | 19/04/2023 | X155 | 29/11/1989 | -36.127 | 177.395 | 1600 | | 1 |
| 104351 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 19/04/2023 | X122 | 24/11/1989 | -37.418 | 177.185 | 365 | | 2 |
| 104355 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 19/04/2023 | X207 | 06/12/1989 | -37.546 | 176.962 | 380 | | 5 |
| 99615 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 08/04/2023 | Z9940 | 03/06/1999 | -39.476 | 178.421 | 874 | | 10 |
| 104339 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 10/04/2023 | KAH9907/37 | 03/06/1999 | -39.491 | 178.418 | 1000 | 980 | 2 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|--------------|-----------------|--------------------------|------------|-----------------|-------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 163730 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 18/04/2032 | B686 | 28/10/1962 | -40.267 | 172.538 | 127 | 126 | 2 |
| 163729 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 18/04/2023 | S125 | 20/10/1979 | -43.535 | 175.975 | 365 | | 1 |
| 163148 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 18/04/2023 | D865 | 23/03/1969 | -43.917 | -179.250 | 221 | | 1 |
| 163145 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 17/04/2023 | U619 | 12/02/1988 | -37.547 | 171.983 | 1112 | | 2 |
| 163141 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 18/04/2023 | C956 | 07/03/1963 | -43.117 | 175.050 | 232 | | 4 |
| 163124 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 18/04/2023 | E640 | 11/10/1966 | -37.253 | 176.853 | 123 | | 2 |
| 163154 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 18/04/2023 | E847 | 16/03/1968 | -34.108 | 171.867 | 695 | | 1 |
| 154774 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 17/04/2023 | TAN0104/397 | 21/04/2001 | -42.716 | 180.089 | 1050 | 1000 | 6 |
| 163147 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia | Tracey, Di | 18/04/2023 | B490 | 08/06/1961 | -45.738 | 166.747 | 144 | 118 | 1 |
| 162780 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia diomedae | Tracey, Di | 13/03/2023 | KAH2205/47 | 12/10/2022 | -34.684 | 172.263 | 172 | 175 | 1 |
| 103396 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia diomedae? | Tracey, Di | 19/04/2023 | B473 | 03/06/1961 | -43.333 | 169.783 | 210 | 206 | 1 |
| 163760 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia lamellifera | Tracey, Di | 18/04/2023 | V480 | 07/06/1994 | -41.293 | 176.550 | 725 | | 1 |
| 72113 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia lamellifera | Tracey, Di | 18/04/2023 | TAN1104/10 | 03/03/2011 | -36.475 | 177.865 | 1168 | 1198 | 1 |
| 163134 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia profunda | Tracey, Di | 18/04/2023 | Q129 | 15/12/1978 | -41.837 | 174.753 | 125 | | 2 |
| 163158 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia profunda | Tracey, Di | 18/04/2023 | Q155 | 16/12/1978 | -41.703 | 174.833 | 210 | | 2 |
| 103988 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia profunda | Tracey, Di | 19/04/2023 | KAH0011/40 | 05/11/2000 | -37.550 | 176.971 | 176 | 155 | 1 |
| 163157 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia profunda | Tracey, Di | 18/04/2023 | S125 | 20/10/1979 | -43.535 | 175.975 | 365 | | 2 |
| 163127 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia profunda | Tracey, Di | 18/04/2023 | D897 | 29/03/1969 | -44.483 | -175.967 | 177 | | 2 |
| 163123 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia profunda | Tracey, Di | 18/04/2023 | C703 | 19/06/1961 | -42.700 | 173.630 | 184 | | 1 |
| 149747 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia profunda | Tracey, Di | 17/04/2023 | S261 | 22/02/1980 | -45.352 | 166.988 | 32 | | 8 |
| 104341 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia rugosa | Tracey, Di | 19/04/2023 | KAH0006/45 | 23/04/2000 | -37.504 | 172.119 | 960 | | 2 |
| 163754 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia scobinosa | Tracey, Di | 17/04/2023 | V373 | 13/09/1989 | -43.647 | 179.001 | 392 | | 1 |
| 154016 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia scobinosa | Tracey, Di | 19/04/2023 | TAN0803/19 | 30/03/2008 | -48.532 | 164.948 | 1060 | 1112 | 5 |
| 129299 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Caryophyllia scobinosa | Tracey, Di | 18/04/2023 | SO191-2/127 | 17/02/2007 | -41.782 | 175.400 | 1035 | 1039 | 3 |
| 163156 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Desmophyllum dianthus | Tracey, Di | 17/04/2023 | D39 | | -50.967 | 165.750 | 549 | | 1 |
| 163144 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Desmophyllum dianthus | Tracey, Di | 17/04/2023 | I705 | 21/03/1973 | -47.500 | 178.750 | 390 | | 95 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|--------------|-----------------|-------------------------|-------------------|-----------------|-------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 163155 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Desmophyllum dianthus | Tracey, Di | 19/04/2023 | S126 | 20/10/1979 | -43.557 | 175.977 | 322 | | 1 |
| 162680 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Desmophyllum dianthus | Tracey, Di | 15/03/2023 | Z9793 | 04/07/1999 | -42.725 | -179.921 | 1055 | 1110 | 1 |
| 163560 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Desmophyllum dianthus | Mills, Sadie | 24/03/2023 | V472 | 05/06/1994 | -38.987 | 179.400 | 1650 | | 7 |
| 149846 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Desmophyllum dianthus | Tracey, Di | 18/04/2023 | T109 | 24/04/1981 | -39.763 | 178.235 | 288 | | 1 |
| 149740 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Desmophyllum dianthus | Mills, Sadie | 07/12/2022 | S261 | 22/02/1980 | -45.352 | 166.988 | 32 | | 5 |
| 72230 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Desmophyllum dianthus | Tracey, Di | 17/04/2023 | TAN1104/18 | 04/03/2011 | -36.450 | 177.840 | 836 | 840 | 5 |
| 72420 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Desmophyllum dianthus | Tracey, Di | 17/04/2023 | TAN1104/39 | 08/03/2011 | -35.334 | 178.429 | 1520 | 1550 | 3 |
| 72809 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Desmophyllum dianthus | Tracey, Di | 17/04/2023 | TAN1104/110 | 18/03/2011 | -35.713 | 178.484 | 581 | 724 | 8 |
| 127605 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Desmophyllum dianthus | Tracey, Di | 18/04/2023 | TAN0104/42 | 16/04/2001 | -42.759 | -179.994 | 1040 | 1035 | 1 |
| 163166 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Desmophyllum dianthus? | Tracey, Di | 18/04/2023 | D871 | 24/03/1969 | -43.333 | -178.667 | 454 | | 1 |
| 162844 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Goniocorella dumosa | Mills, Sadie | 15/12/2022 | Q38 | 24/03/1978 | -44.413 | -176.727 | 345 | | 1 |
| 162682 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Goniocorella dumosa | Kitahara, Marcelo | 2017 | Z9613 | 14/01/1999 | -43.203 | 177.935 | 317 | | 1 |
| 163755 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Goniocorella dumosa | Bilewitch, Jaret | 08/05/2023 | T109 | 24/04/1981 | -39.763 | 178.235 | 288 | | 1 |
| 163162 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Goniocorella dumosa | Tracey, Di | 17/04/2023 | D175 | 21/01/1964 | -50.608 | 167.683 | 426 | | 1 |
| 64353 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Goniocorella dumosa | Bilewitch, Jaret | 09/05/2023 | TAN1007/11 | 24/05/2010 | -34.607 | 178.389 | 1700 | 1540 | 1 |
| 163725 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Goniocorella dumosa | Tracey, Di | 18/04/2023 | E847 | 16/03/1968 | -34.108 | 171.867 | 695 | | 3 |
| 131008 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Goniocorella dumosa | Tracey, Di | 17/04/2023 | TAN1805/155 | 27/05/2018 | -43.340 | 179.517 | 404 | 401 | 1 |
| 131030 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Goniocorella dumosa | Tracey, Di | 17/04/2023 | TAN1805/156 | 28/05/2018 | -43.347 | 179.460 | 396 | 392 | 2 |
| 131057 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Goniocorella dumosa | Tracey, Di | 07/04/2023 | TAN1805/159 | 28/05/2018 | -43.390 | 179.463 | 386 | 387 | 2 |
| 131098 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Goniocorella dumosa | Tracey, Di | 17/04/2023 | TAN1805/254 | 06/06/2018 | -43.427 | 177.553 | 304 | 306 | 3 |
| 88270 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Solenosmilia variabilis | Tracey, Di | 28/03/2023 | X483 | 04/07/1994 | -42.765 | -179.908 | 890 | | 1 |
| 163736 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Solenosmilia variabilis | Tracey, Di | 17/04/2023 | I705 | 21/03/1973 | -47.500 | 178.750 | 390 | | 1 |
| 163165 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Solenosmilia variabilis | Tracey, Di | 17/04/2023 | J36 | 17/04/1970 | -38.500 | 169.650 | 560 | | 1 |
| 48794 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Solenosmilia variabilis | Tracey, Di | 28/03/2023 | Z9793 | 04/07/1999 | -42.725 | -179.921 | 1055 | 1110 | 1 |
| 163152 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Solenosmilia variabilis | Tracey, Di | 18/04/2023 | U567 | 03/02/1988 | -35.005 | 169.162 | 1480 | | 2 |
| 163167 | Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Solenosmilia variabilis | Tracey, Di | 17/04/2023 | Z10732 | 21/04/2001 | -42.729 | -179.893 | 1070 | 990 | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|--------------|------------------|-------------------------|-----------------|-----------------|-------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 163153 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Dendrophylliidae | Tracey, Di | 18/04/2023 | C184 | 06/09/1959 | -39.833 | 173.517 | 95 | | 1 |
| 102371 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Balanophyllia | Tracey, Di | 18/04/2023 | TAN1503/68 | 04/04/2015 | -42.790 | -179.921 | 932 | 1005 | 1 |
| 163138 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Dendrophyllia | Tracey, Di | 17/04/2023 | V480 | 07/06/1994 | -41.293 | 176.550 | 725 | | 20 |
| 162852 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Dendrophyllia | Tracey, Di | 17/04/2023 | Z10173 | 23/05/2000 | -49.774 | -176.679 | 1000 | 1089 | 1 |
| 104357 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Eguchipsammia | Tracey, Di | 18/04/2023 | X139 | 27/11/1989 | -37.220 | 176.828 | 685 | | 4 |
| 104361 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Eguchipsammia | Tracey, Di | 18/04/2023 | X138 | 27/11/1989 | -37.250 | 176.841 | 335 | | 5 |
| 124109 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Eguchipsammia | Tracey, Di | 18/04/2023 | TAN1708/31 | 07/09/2017 | -42.524 | 173.614 | 1040 | | 2 |
| 163731 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Eguchipsammia | Tracey, Di | 18/04/2023 | E640 | 11/10/1966 | -37.253 | 176.853 | 123 | | 1 |
| 163168 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Eguchipsammia | Tracey, Di | 17/04/2023 | F933 | 15/10/1968 | -34.400 | 173.172 | 252 | 249 | 1 |
| 72810 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Eguchipsammia | Tracey, Di | 17/04/2023 | TAN1104/110 | 18/03/2011 | -35.713 | 178.484 | 581 | 724 | 25 |
| 90943 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Enallopssammia | Tracey, Di | 18/04/2023 | X139 | 27/11/1989 | -37.220 | 176.828 | 685 | | 12 |
| 163759 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Enallopssammia | Tracey, Di | 17/04/2023 | U619 | 12/02/1988 | -37.547 | 171.983 | 1112 | | 1 |
| 163758 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Enallopssammia rostrata | Tracey, Di | 17/04/2023 | I705 | 21/03/1973 | -47.500 | 178.750 | 390 | | 10 |
| 91306 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Enallopssammia rostrata | Marriott, Peter | 22/05/2023 | TAN0308/149 | 03/06/2003 | -34.630 | 168.977 | 560 | 520 | 1 |
| 72811 | Cnidaria | Anthozoa | Scleractinia | Dendrophylliidae | Enallopssammia rostrata | Tracey, Di | 17/04/2023 | TAN1104/110 | 18/03/2011 | -35.713 | 178.484 | 581 | 724 | 2 |
| 163136 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum indet. | Tracey, Di | 19/04/2023 | X234 | 09/12/1989 | -37.686 | 177.124 | 195 | | 1 |
| 163728 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum | Tracey, Di | 18/04/2023 | Q155 | 16/12/1978 | -41.703 | 174.833 | 210 | | 1 |
| 163737 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum | Tracey, Di | 14/04/2023 | I705 | 21/03/1973 | -47.500 | 178.750 | 390 | | 1 |
| 163159 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum | Tracey, Di | 18/04/2023 | S241 | 17/02/1980 | -44.662 | 167.923 | 25 | | 2 |
| 163561 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum apertum | Tracey, Di | 17/04/2023 | V472 | 05/06/1994 | -38.987 | 179.400 | 1650 | | 1 |
| 163132 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum knoxi | Tracey, Di | 18/04/2023 | U388 | 20/07/1987 | -42.172 | 170.360 | 0 | | 1 |
| 163118 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum knoxi | Tracey, Di | 18/04/2023 | T478 | 07/12/1983 | -41.053 | 174.358 | 93 | | 3 |
| 163119 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum knoxi | Tracey, Di | 18/04/2023 | S167 | 29/10/1979 | -44.232 | 174.133 | 608 | | 2 |
| 163146 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum knoxi | Tracey, Di | 18/04/2023 | S156 | 28/10/1979 | -44.205 | 173.498 | 327 | | 1 |
| 163142 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum knoxi | Tracey, Di | 17/04/2023 | V373 | 13/09/1989 | -43.647 | 179.001 | 392 | | 5 |
| 163121 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum knoxi | Tracey, Di | 18/04/2023 | G700 | 22/01/1970 | -46.333 | 171.250 | 1116 | | 4 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|-----------------|--------------|---------------------------------|------------------|-----------------|-------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 163188 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum knoxi | Tracey, Di | 18/04/2023 | G675 | 19/01/1970 | -45.450 | 171.400 | 792 | | 1 |
| 163190 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum knoxi | Tracey, Di | 18/04/2023 | G664 | 18/01/1970 | -44.567 | 173.150 | 511 | | 3 |
| 163191 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum knoxi | Tracey, Di | 18/04/2023 | G663 | 18/01/1970 | -44.400 | 173.500 | 612 | | 1 |
| 131095 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum knoxi | Tracey, Di | 18/04/2023 | TAN1805/254 | 06/06/2018 | -43.427 | 177.553 | 304 | 306 | 2 |
| 163761 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Flabellum messum | Tracey, Di | 17/04/2023 | V480 | 07/06/1994 | -41.293 | 176.550 | 725 | | 2 |
| 163117 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Monomyces | Tracey, Di | 18/04/2023 | F698 | 05/12/1965 | -40.103 | 176.932 | 51 | | 1 |
| 163160 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Monomyces | Tracey, Di | 18/04/2023 | B686 | 28/10/1962 | -40.267 | 172.538 | 127 | 126 | 11 |
| 163139 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Monomyces | Tracey, Di | 18/04/2023 | U606 | 10/02/1988 | -31.912 | 172.790 | 1100 | | 2 |
| 104353 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Monomyces | Tracey, Di | 16/04/2023 | Z10092 | 03/09/1996 | -44.583 | 167.783 | 20 | 25 | 3 |
| 149743 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Monomyces rubrum | Mills, Sadie | 07/12/2022 | S261 | 22/02/1980 | -45.352 | 166.988 | 32 | | 2 |
| 72448 | Cnidaria | Anthozoa | Scleractinia | Flabellidae | Polymyces | Tracey, Di | 18/04/2023 | TAN1104/48 | 09/03/2011 | -35.348 | 178.543 | 1180 | 1306 | 1 |
| 106758 | Cnidaria | Anthozoa | Scleractinia | Fungiidae | Fungiacyathus | Tracey, Di | 18/04/2023 | TAN1007/64 | 03/06/2010 | -35.439 | 178.625 | 1282 | 1363 | 1 |
| 72254 | Cnidaria | Anthozoa | Scleractinia | Fungiidae | Fungiacyathus | Tracey, Di | 18/04/2023 | TAN1104/19 | 03/03/2011 | -36.476 | 177.892 | 1460 | 1456 | 1 |
| 72488 | Cnidaria | Anthozoa | Scleractinia | Fungiidae | Fungiacyathus | Tracey, Di | 17/04/2023 | TAN1104/54 | 10/03/2011 | -35.353 | 178.536 | 1379 | 1440 | 1 |
| 163189 | Cnidaria | Anthozoa | Scleractinia | Fungiidae | Fungiacyathus | Tracey, Di | 18/04/2023 | G696 | 21/01/1970 | -46.308 | 170.575 | 690 | | 8 |
| 163727 | Cnidaria | Anthozoa | Scleractinia | Oculinidae | Madrepora | Tracey, Di | 18/04/2023 | C632 | 27/05/1961 | -39.233 | 172.017 | 406 | | 3 |
| 149744 | Cnidaria | Anthozoa | Scleractinia | Rhizangiidae | Culicia | Tracey, Di | 18/04/2023 | S261 | 22/02/1980 | -45.352 | 166.988 | 32 | | 2 |
| 163137 | Cnidaria | Anthozoa | Scleractinia | Rhizangiidae | Culicia | Tracey, Di | 18/04/2023 | C632 | 27/05/1961 | -39.233 | 172.017 | 406 | | 7 |
| 90866 | Cnidaria | Anthozoa | Scleralcyonacea | | Scleralcyonacea indet. | Mills, Sadie | 21/04/2023 | W247B | 14/09/1993 | -44.790 | 178.997 | 1932 | 1963 | 1 |
| 102380 | Cnidaria | Anthozoa | Scleralcyonacea | n. fam. | Scleralcyonacea n. fam. n. gen. | Bilewitch, Jaret | 23/05/2023 | TAN1503/101 | 09/04/2015 | -44.178 | -174.508 | 1005 | 1165 | 1 |
| 102403 | Cnidaria | Anthozoa | Scleralcyonacea | n. fam. | Scleralcyonacea n. fam. n. gen. | Bilewitch, Jaret | 23/05/2023 | TAN1503/102 | 09/04/2015 | -44.165 | -174.445 | 963 | 1252 | 2 |
| 102443 | Cnidaria | Anthozoa | Scleralcyonacea | n. fam. | Scleralcyonacea n. fam. n. gen. | Bilewitch, Jaret | 23/05/2023 | TAN1503/103 | 09/04/2015 | -44.183 | -174.448 | 1099 | 1254 | 5 |
| 102508 | Cnidaria | Anthozoa | Scleralcyonacea | n. fam. | Scleralcyonacea n. fam. n. gen. | Bilewitch, Jaret | 12/04/2015 | TAN1503/117 | 11/05/2014 | -44.128 | -174.572 | 740 | 961 | 4 |
| 102558 | Cnidaria | Anthozoa | Scleralcyonacea | n. fam. | Scleralcyonacea n. fam. n. gen. | Bilewitch, Jaret | 23/05/2023 | TAN1503/119 | 11/04/2015 | -44.200 | -174.538 | 846 | 1034 | 1 |
| 9728 | Cnidaria | Anthozoa | Scleralcyonacea | n. fam. | Scleralcyonacea n. fam. n. gen. | Bilewitch, Jaret | 23/05/2023 | X494 | 06/07/1994 | -43.839 | -174.302 | 885 | | 1 |
| 54157 | Cnidaria | Anthozoa | Scleralcyonacea | n. fam. | Scleralcyonacea n. fam. n. gen. | Bilewitch, Jaret | 23/05/2023 | TAN0905/115 | 27/06/2009 | -44.136 | -174.720 | 610 | 692 | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|-----------------|------------|---------------------------------|------------------|-----------------|-----------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 54235 | Cnidaria | Anthozoa | Scleralcyonacea | n. fam. | Scleralcyonacea n. fam. n. gen. | Bilewitch, Jaret | 23/05/2023 | TAN0905/118 | 27/06/2009 | -44.163 | -174.447 | 1040 | 1171 | 1 |
| 90878 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Styleridae indet. | Marriott, Peter | 17/04/2023 | J703B | 10/09/1973 | -37.545 | 176.977 | 162 | | 1 |
| 90885 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Styleridae indet. | Marriott, Peter | 17/04/2023 | C814 | 25/02/1962 | -37.667 | 178.940 | 209 | 157 | 2 |
| 90869 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Styleridae indet. | Marriott, Peter | 18/04/2023 | A899 | 08/09/1963 | -43.458 | 177.183 | 241 | | 1 |
| 102564 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Styleridae indet. | Marriott, Peter | 17/04/2023 | TAN1503/119 | 11/04/2015 | -44.200 | -174.538 | 846 | 1034 | 1 |
| 90872 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Styleridae indet. | Marriott, Peter | 17/04/2023 | D39A | 07/05/1963 | -50.967 | 165.750 | 549 | | 1 |
| 90888 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Styleridae indet. | Marriott, Peter | 18/04/2023 | U573 | 04/02/1988 | -33.534 | 170.107 | 1260 | | 1 |
| 90877 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Styleridae indet. | Marriott, Peter | 17/04/2023 | E855 | 17/03/1968 | -33.167 | 169.933 | 742 | 716 | 1 |
| 163710 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Styleridae indet. | Marriott, Peter | 18/04/2023 | C632 | 27/05/1961 | -39.233 | 172.017 | 406 | | 10 |
| 90871 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Styleridae indet. | Marriott, Peter | 18/04/2023 | B480 | 05/06/1961 | -45.280 | 166.855 | 112 | 112 | 1 |
| 113520 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Calyptopora | Marriott, Peter | 22/05/2023 | T34 | 13/03/1981 | -48.665 | -179.995 | 735 | | 1 |
| 148126 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Calyptopora reticulata | Marriott, Peter | 23/05/2023 | TAN2009/57 | 16/08/2020 | -44.159 | -174.554 | 486 | 659 | 3 |
| 90950 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Calyptopora reticulata | Marriott, Peter | 24/05/2023 | G307 | 26/01/1968 | -44.117 | -179.217 | 402 | | 1 |
| 102620 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Calyptopora reticulata | Marriott, Peter | 20/05/2023 | TAN1503/121 | 11/04/2015 | -44.142 | -174.713 | 724 | 838 | 11 |
| 102490 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Calyptopora reticulata | Marriott, Peter | 17/04/2023 | TAN1503/116 | 11/04/2015 | -44.160 | -174.555 | 497 | 590 | 25 |
| 102490 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Calyptopora reticulata | Marriott, Peter | 17/04/2023 | TAN1503/116 | 11/04/2015 | -44.160 | -174.555 | 497 | 590 | 4 |
| 102563 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Calyptopora reticulata | Marriott, Peter | 17/04/2023 | TAN1503/119 | 11/04/2015 | -44.200 | -174.538 | 846 | 1034 | 20 |
| 102563 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Calyptopora reticulata | Marriott, Peter | 17/04/2023 | TAN1503/119 | 11/04/2015 | -44.200 | -174.538 | 846 | 1034 | 2 |
| 102658 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Calyptopora reticulata | Marriott, Peter | 23/05/2023 | TAN1503/122 | 11/04/2015 | -44.148 | -174.748 | 570 | 600 | 25 |
| 148134 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Calyptopora reticulata | Marriott, Peter | 23/05/2023 | TAN2009/58 | 16/08/2020 | -44.202 | -174.538 | 782 | 933 | 3 |
| 53568 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Calyptopora reticulata | Marriott, Peter | 23/05/2023 | TAN0905/97 | 26/06/2009 | -44.147 | -174.690 | 440 | 600 | 20 |
| 160596 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | cf. Distichopora n. sp. | Marriott, Peter | 23/05/2023 | TAN0905/97 | 26/06/2009 | -44.147 | -174.690 | 440 | 600 | 1 |
| 127132 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Conopora | Marriott, Peter | 22/05/2023 | SO254/36ROV10_BIOBOX9 | 09/02/2017 | -39.989 | 178.214 | 777.9 | | 2 |
| 160926 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Conopora | Marriott, Peter | 22/05/2023 | TAN0413/93 | 13/11/2004 | -37.476 | 177.216 | 180 | 179 | 1 |
| 26834 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Conopora | Marriott, Peter | 22/05/2023 | TAN0616/70 | 10/11/2006 | -41.289 | 176.587 | 731 | 720 | 2 |
| 160923 | Cnidaria | Hydrozoa | Anthoathecata | Styleridae | Conopora | Marriott, Peter | 22/05/2023 | TAN1104/59 | 11/03/2011 | -35.360 | 178.511 | 1270 | 1410 | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|---------------|---------------|--------------------|-----------------|-----------------|-----------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 160921 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 22/05/2023 | W427 | 20/02/1995 | -43.077 | 175.272 | 237 | 180 | 2 |
| 90957 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 24/05/2023 | G382 | 06/02/1968 | -43.450 | -177.950 | 402 | | 1 |
| 90868 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 24/05/2023 | J485 | 07/12/1973 | -50.633 | 167.633 | 320 | 365 | 1 |
| 3124 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 24/05/2023 | KAH0204/40 | 18/04/2002 | -34.164 | 173.964 | 820 | 805 | 1 |
| 104318 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 21/04/2023 | KAH0204/44 | 18/04/2002 | -34.266 | 174.103 | 850 | 840 | 1 |
| 104338 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 21/04/2023 | KAH0204/52 | 19/04/2002 | -34.055 | 174.808 | 910 | 820 | 3 |
| 90945 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 22/05/2023 | X102 | 21/11/1989 | -37.471 | 177.217 | 192 | | 1 |
| 163703 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 18/04/2023 | S192 | 31/10/1979 | -43.250 | 173.828 | 130 | | 7 |
| 163708 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 18/04/2023 | C623 | 07/05/1961 | -44.442 | -175.267 | 398 | 750 | 1 |
| 79250 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 22/05/2023 | TAN1116/128 | 18/11/2011 | -43.389 | 178.997 | 395 | 401 | 3 |
| 154043 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 22/05/2023 | TAN0803/36 | 01/04/2008 | -50.099 | 163.485 | 1144 | 1365 | 1 |
| 127235 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 22/05/2023 | SO254/80ROV17_BIOBOX5 | 22/02/2017 | -40.047 | 178.136 | 882.9 | | 1 |
| 27560 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 22/05/2023 | TAN0616/12 | 04/11/2006 | -40.040 | 178.145 | 749 | 787 | 1 |
| 163715 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 18/04/2023 | C632 | 27/05/1961 | -39.233 | 172.017 | 406 | | 1 |
| 83378 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora | Marriott, Peter | 22/05/2023 | TAN1206/168 | 30/04/2012 | -37.187 | 176.978 | 948 | 930 | 10 |
| 83331 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora verrucosa | Marriott, Peter | 17/07/2023 | TAN1206/166 | 30/04/2012 | -37.184 | 176.984 | 928 | 928 | 11 |
| 54056 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora verrucosa | Marriott, Peter | 24/05/2023 | TAN0905/113 | 27/06/2009 | -44.150 | -174.757 | 519 | 609 | 1 |
| 160929 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora verrucosa | Marriott, Peter | 24/05/2023 | TAN0905/113 | 27/06/2009 | -44.150 | -174.757 | 519 | 609 | 1 |
| 154015 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Conopora verrucosa | Marriott, Peter | 21/04/2023 | TAN0803/19 | 30/03/2008 | -48.532 | 164.948 | 1060 | 1112 | 3 |
| 160927 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Cryptelia | Marriott, Peter | 22/05/2023 | TAN1206/168 | 30/04/2012 | -37.187 | 176.978 | 948 | 930 | 1 |
| 148129 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Cryptelia | Marriott, Peter | 23/05/2023 | TAN2009/57 | 16/08/2020 | -44.159 | -174.554 | 486 | 659 | 4 |
| 160930 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Cryptelia | Marriott, Peter | 24/05/2023 | TAN0905/113 | 27/06/2009 | -44.150 | -174.757 | 519 | 609 | 2 |
| 83093 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Cryptelia | Marriott, Peter | 24/05/2023 | TAN1206/130 | 27/04/2012 | -37.227 | 176.991 | 953 | 966 | 1 |
| 160908 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Cryptelia | Marriott, Peter | 24/05/2023 | TAN1503/121 | 11/04/2015 | -44.142 | -174.713 | 724 | 838 | 1 |
| 102498 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Cryptelia | Marriott, Peter | 17/04/2023 | TAN1503/116 | 11/04/2015 | -44.160 | -174.555 | 497 | 590 | 20 |
| 102498 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Cryptelia | Marriott, Peter | 17/04/2023 | TAN1503/116 | 11/04/2015 | -44.160 | -174.555 | 497 | 590 | 2 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|---------------|---------------|---------------------|-----------------|-----------------|------------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 90940 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Cryptelia | Marriott, Peter | 22/05/2023 | TAN0205/101 | 28/04/2002 | -34.777 | 178.511 | 825 | 771 | 1 |
| 127251 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Cryptelia | Marriott, Peter | 22/05/2023 | SO254/85ROV19_BIOBOX17 | 24/02/2017 | -35.612 | 178.852 | 1149.8 | 1157.9 | 1 |
| 105707 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Cryptelia | Marriott, Peter | 22/05/2023 | NEP_11/3 | 15/03/2011 | -35.350 | 178.541 | 1292 | | 4 |
| 160598 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Cryptelia | Marriott, Peter | 23/05/2023 | TAN0905/97 | 26/06/2009 | -44.147 | -174.690 | 440 | 600 | 1 |
| 90788 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Cryptelia fragilis | Marriott, Peter | 21/04/2023 | TAN0104/153 | 18/04/2001 | -42.733 | -179.899 | 1076 | 990 | 1 |
| 160907 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Distichopora | Marriott, Peter | 20/05/2023 | TAN1503/121 | 11/04/2015 | -44.142 | -174.713 | 724 | 838 | 1 |
| 163700 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Distichopora dispar | Marriott, Peter | 21/04/2023 | I693 | 18/03/1979 | -49.093 | 178.883 | 778 | | 1 |
| 163711 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Distichopora dispar | Marriott, Peter | 17/04/2023 | TAN0803/19 | 30/03/2008 | -48.532 | 164.948 | 1060 | 1112 | 2 |
| 32823 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 17/02/2023 | KOK0507/2 | 12/05/2005 | -36.328 | 178.036 | 790 | 790 | 1 |
| 72824 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 22/05/2023 | TAN1104/110 | 18/03/2011 | -35.713 | 178.484 | 581 | 724 | 1 |
| 91632 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 22/05/2023 | W427 | 20/02/1995 | -43.077 | 175.272 | 237 | 180 | 2 |
| 90848 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 22/05/2023 | Z3885 | 10/05/1981 | -44.601 | 167.818 | | | 1 |
| 90857 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 24/05/2023 | S60 | 25/09/1978 | -49.723 | 178.964 | 1520 | | 1 |
| 160928 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 24/05/2023 | TAN0905/112 | 27/06/2009 | -44.143 | -174.725 | 760 | 821 | 1 |
| 160934 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 24/05/2023 | TAN0905/113 | 27/06/2009 | -44.150 | -174.757 | 519 | 609 | 7 |
| 102654 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 24/05/2023 | TAN1503/122 | 11/04/2015 | -44.148 | -174.748 | 570 | 600 | 2 |
| 148123 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 24/05/2023 | TAN2009/57 | 16/08/2020 | -44.159 | -174.554 | 486 | 659 | 7 |
| 160905 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 20/05/2023 | TAN1503/121 | 11/04/2015 | -44.142 | -174.713 | 724 | 838 | 1 |
| 90870 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 18/04/2023 | Q13 | 15/03/1978 | -43.460 | -179.782 | 415 | | 1 |
| 91632 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 22/05/2023 | W427 | 20/02/1995 | -43.077 | 175.272 | 237 | 180 | 2 |
| 163707 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 18/04/2023 | C623 | 07/05/1961 | -44.442 | -175.267 | 398 | 750 | 1 |
| 163712 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 15/04/2023 | A917 | 15/09/1963 | -43.933 | -179.250 | 203 | | 1 |
| 90848 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 22/05/2023 | Z3885 | 10/05/1981 | -44.601 | 167.818 | | | 1 |
| 127119 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 22/05/2023 | SO254/33ROV08_BIOBOX16 | 07/02/2017 | -35.382 | 178.980 | 1204.7 | | 3 |
| 160597 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 23/05/2023 | TAN0905/97 | 26/06/2009 | -44.147 | -174.690 | 440 | 600 | 1 |
| 160601 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 23/05/2023 | TAN0905/97 | 26/06/2009 | -44.147 | -174.690 | 440 | 600 | 20 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|---------------|---------------|------------------------|-----------------|-----------------|-------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 90785 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 17/04/2023 | TAN0104/194 | 18/04/2001 | -42.788 | -179.997 | 1042 | 880 | 1 |
| 90811 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 17/04/2023 | T47 | 14/03/1981 | -49.965 | 177.543 | 1400 | | 1 |
| 90883 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 17/04/2023 | S30 | 18/09/1978 | -50.683 | 167.680 | 265 | | 1 |
| 82168 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 22/05/2023 | TAN1206/25 | 17/04/2012 | -36.330 | 178.035 | 866 | 847 | 6 |
| 90696 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina | Marriott, Peter | 18/04/2023 | B493 | 08/06/1961 | -45.573 | 166.652 | 80 | 76 | 1 |
| 25450 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina cheilopora | Marriott, Peter | 22/05/2023 | TAN0604/55 | 01/06/2006 | -42.726 | -179.897 | 1030 | 1140 | 1 |
| 90766 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina cheilopora | Marriott, Peter | 21/04/2023 | TAN0104/198 | 18/04/2001 | -42.765 | 179.927 | 1058 | | 1 |
| 114371 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errina cheilopora | Marriott, Peter | 22/05/2023 | TAN0307/47 | 23/04/2003 | -49.597 | 178.849 | 725 | 731 | 1 |
| 160933 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errinopsis | Marriott, Peter | 24/05/2023 | TAN0905/113 | 27/06/2009 | -44.150 | -174.757 | 519 | 609 | 4 |
| 160909 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errinopsis | Marriott, Peter | 24/05/2023 | TAN1503/121 | 11/04/2015 | -44.142 | -174.713 | 724 | 838 | 1 |
| 3134 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errinopsis n. sp. | Marriott, Peter | 24/05/2023 | KAH0204/29 | 17/04/2002 | -34.163 | 173.962 | 790 | 782 | 1 |
| 102621 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errinopsis n. sp. | Marriott, Peter | 24/05/2023 | TAN1503/121 | 11/04/2015 | -44.142 | -174.713 | 724 | 838 | 35 |
| 148127 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errinopsis n. sp. | Marriott, Peter | 24/05/2023 | TAN2009/57 | 16/08/2020 | -44.159 | -174.554 | 486 | 659 | 3 |
| 148151 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errinopsis n. sp. | Marriott, Peter | 24/05/2023 | TAN2009/58 | 16/08/2020 | -44.202 | -174.538 | 782 | 933 | 3 |
| 160600 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Errinopsis n. sp. | Marriott, Peter | 24/05/2023 | TAN0905/97 | 26/06/2009 | -44.147 | -174.690 | 440 | 600 | 20 |
| 160599 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Inferiolabiata | Marriott, Peter | 23/05/2023 | TAN0905/97 | 26/06/2009 | -44.147 | -174.690 | 440 | 600 | 1 |
| 25459 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidopora | Marriott, Peter | 22/05/2023 | TAN0604/113 | 07/06/2006 | -42.728 | -179.899 | 1000 | 1107 | 1 |
| 148128 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidopora | Marriott, Peter | 24/05/2023 | TAN2009/57 | 16/08/2020 | -44.159 | -174.554 | 486 | 659 | 1 |
| 91055 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidopora | Marriott, Peter | 18/04/2023 | KAH0011/41 | 05/11/2000 | -37.550 | 176.971 | 260 | 154 | 2 |
| 163704 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidopora | Marriott, Peter | 18/04/2023 | C623 | 07/05/1961 | -44.442 | -175.267 | 398 | 750 | 3 |
| 25451 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidopora | Marriott, Peter | 18/04/2023 | TAN0604/96 | 04/06/2006 | -42.791 | -179.987 | 930 | 1040 | 1 |
| 124737 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidopora | Marriott, Peter | 18/04/2023 | TAN0604/100 | 04/06/2006 | -42.716 | -179.962 | 985 | 1050 | 1 |
| 90688 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidopora | Marriott, Peter | 18/04/2023 | TAN0104/288 | 19/04/2001 | -42.761 | -179.988 | 972 | 890 | 1 |
| 90781 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidopora | Marriott, Peter | 18/04/2023 | TAN0104/395 | 21/04/2001 | -42.764 | -179.988 | 927 | 886 | 1 |
| 90862 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidopora | Marriott, Peter | 18/04/2023 | TAN0107/1 | 19/05/2001 | -35.742 | 178.503 | 470 | 260 | 1 |
| 91876 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidopora cryptocymas | Marriott, Peter | 22/05/2023 | E306 | 09/04/1965 | -34.083 | 171.792 | 263 | | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude ¹ | Longitude ¹ | Depth ¹ | Depth ² | Count |
|--------------------|----------|----------|---------------|---------------|--------------------------|-----------------|-----------------|------------------------|------------|-----------------------|------------------------|--------------------|--------------------|-------|
| 105400 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidopora sarmentosa | Marriott, Peter | 22/05/2023 | TAN0413/93 | 13/11/2004 | -37.476 | 177.216 | 180 | 179 | 3 |
| 163713 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidopora? | Marriott, Peter | 17/04/2023 | U606 | 10/02/1988 | -31.912 | 172.790 | 1100 | | 1 |
| 72321 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidotheca | Marriott, Peter | 22/05/2023 | TAN1104/31 | 07/03/2011 | -35.354 | 178.525 | 1150 | 1400 | 2 |
| 160936 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidotheca | Marriott, Peter | 24/05/2023 | TAN0905/112 | 27/06/2009 | -44.143 | -174.725 | 760 | 821 | 1 |
| 104369 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidotheca | Marriott, Peter | 18/04/2023 | C623 | 07/05/1961 | -44.442 | -175.267 | 398 | 750 | 1 |
| 72441 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidotheca | Marriott, Peter | 22/05/2023 | TAN1104/48 | 09/03/2011 | -35.348 | 178.543 | 1180 | 1306 | 1 |
| 160595 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidotheca | Marriott, Peter | 23/05/2023 | TAN0905/97 | 26/06/2009 | -44.147 | -174.690 | 440 | 600 | 1 |
| 72543 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidotheca fascicularis | Marriott, Peter | 22/05/2023 | TAN1104/59 | 11/03/2011 | -35.360 | 178.511 | 1270 | 1410 | 1 |
| 163705 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Lepidotheca n. sp. ? | Marriott, Peter | 21/04/2023 | TAN0803/19 | 30/03/2008 | -48.532 | 164.948 | 1060 | 1112 | 2 |
| 163701 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Leptohelia microstylus | Marriott, Peter | 21/04/2023 | I693 | 18/03/1979 | -49.093 | 178.883 | 778 | | 1 |
| 90865 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Sporadopora | Marriott, Peter | 21/04/2023 | W252 | 15/09/1993 | -43.628 | 178.997 | 400 | 428 | 1 |
| 160925 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 22/05/2023 | TAN1206/168 | 30/04/2012 | -37.187 | 176.978 | 948 | 930 | 1 |
| 90847 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 24/05/2023 | D74 | 12/05/1963 | -50.928 | 165.913 | 168 | | 1 |
| 53992 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 24/05/2023 | TAN0905/112 | 27/06/2009 | -44.143 | -174.725 | 760 | 821 | 4 |
| 160932 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 24/05/2023 | TAN0905/113 | 27/06/2009 | -44.150 | -174.757 | 519 | 609 | 10 |
| 163702 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 21/04/2023 | KAH0204/52 | 19/04/2002 | -34.055 | 174.808 | 910 | 820 | 4 |
| 90801 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 21/04/2023 | I693 | 18/03/1979 | -49.093 | 178.883 | 778 | | 4 |
| 163709 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 18/04/2023 | C623 | 07/05/1961 | -44.442 | -175.267 | 398 | 750 | |
| 163735 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 17/04/2023 | V480 | 07/06/1994 | -41.293 | 176.550 | 725 | | 2 |
| 90880 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 17/04/2023 | U606 | 10/02/1988 | -31.912 | 172.790 | 1100 | | 3 |
| 163706 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 21/04/2023 | TAN0803/19 | 30/03/2008 | -48.532 | 164.948 | 1060 | 1112 | 1 |
| 90876 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 15/04/2023 | A917 | 15/09/1963 | -43.933 | -179.250 | 203 | | 1 |
| 124579 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 18/04/2023 | TAN0604/10 | 28/05/2006 | -42.765 | -179.928 | 1005 | 1082 | 1 |
| 163714 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster | Marriott, Peter | 18/04/2023 | C632 | 27/05/1961 | -39.233 | 172.017 | 406 | | 1 |
| 160602 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster eguchii | Marriott, Peter | 22/05/2023 | SO254/33ROV08_BIOBOX16 | 07/02/2017 | -35.382 | 178.980 | 1204.7 | | 1 |
| 26832 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Stylaster eguchii | Marriott, Peter | 22/05/2023 | TAN0616/18 | 05/11/2006 | -39.541 | 178.332 | 775 | 810 | 1 |

| NIWA Catalogue No. | Phylum | Class | Order | Family | Full Taxon | Determiner | Determined Date | Station ID | Date | Latitude1 | Longitude1 | Depth 1 | Depth 2 | Count |
|--------------------|----------|----------|---------------|---------------|---------------------|-----------------|-----------------|------------------------|------------|-----------|------------|---------|---------|-------|
| 54062 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Styaster imbricatus | Marriott, Peter | 24/05/2023 | TAN0905/113 | 27/06/2009 | -44.150 | -174.757 | 519 | 609 | 1 |
| 160910 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Styaster? | Marriott, Peter | 22/05/2023 | SO254/33ROV08_BIOBOX16 | 07/02/2017 | -35.382 | 178.980 | 1204.7 | | 2 |
| 90761 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Systemapora | Marriott, Peter | 17/04/2023 | TAN0104/194 | 18/04/2001 | -42.788 | -179.997 | 1042 | 880 | 1 |
| 90787 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Systemapora | Marriott, Peter | 17/04/2023 | TAN0104/394 | 21/04/2001 | -42.761 | -179.989 | 920 | 771 | 1 |
| 90799 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Systemapora | Marriott, Peter | 07/04/2023 | TAN0104/198 | 18/04/2001 | -42.765 | 179.927 | 1058 | | 2 |
| 90800 | Cnidaria | Hydrozoa | Anthoathecata | Stylasteridae | Systemapora | Marriott, Peter | 17/04/2023 | TAN0104/194 | 18/04/2001 | -42.788 | -179.997 | 1042 | 880 | 6 |

Appendix B All records of protected corals extracted from the NIWA Invertebrate Collection database niwainvert on 19 July 2023.

This data extract has 9597 rows, so has been provided only as a separate Excel sheet.