



The Marine Biodiversity and Fisheries Catches of the Kermadec Island Group

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**THE MARINE BIODIVERSITY AND
FISHERIES CATCHES OF
THE KERMADEC ISLAND GROUP**

M.L.D. Palomares,
S. Harper, D. Zeller,
and
D. Pauly

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the Global Ocean Legacy project
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by the *Sea Around Us* Project

Fisheries Centre
The University of British Columbia
2202 Main Mall, Vancouver, BC, Canada, V6T 1Z4

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FOREWORD

There is a multitude of ways one can look at the oceans. The one encountered most frequently is that they are full of wonders and mysteries – which is true. Unfortunately, this view often takes extreme forms, for example culminating in the cliché that we know more about the backside of the moon than about the oceans – which is not true.

Actually, much of what we know about the backside of the moon is its surface topography, the equivalent of the ocean's bathymetry, which we do know fairly well. What is often lacking – on Earth – is the documentation of life in the ocean. But here again, the main problem – I would suggest – is not necessarily that marine biodiversity is not 'known' (apart from genuinely new taxa that continue to be discovered), but that we are not aware that thousands of species descriptions are available in the musty tomes of reports of scientific expeditions and other products by taxonomists, who usually described 'dead' species, i.e., without reference to the ecosystems of which the species they describe are functioning parts. This is changing, however, as large databases are created which not only can present historic species descriptions, but also connect these species to the ecosystems in which they are embedded, and thus make them 'live' – at least in our imagination.

This report, the second in a series (the first covering the Pitcairn Island group), presents an account of the marine biodiversity of the Kermadec Islands, one of the most 'remote' archipelagos of the world (although 'remote' is a very relative term – remote from what?). At present, the species count is 218 fish in FishBase and 1,006 non-fish species in SeaLifeBase, two databases demonstrating, if it was really necessary, that we know more about the oceans than about the backside of the moon. This report also documents the sporadic fisheries that have taken place in the Kermadec Islands' EEZ. Being of low intensity, these fisheries have likely not affected biodiversity as much as fisheries do elsewhere. Hence the suggestion that turning the entire archipelago and surrounding waters into a nature reserve would protect forever a good chunk of the south-western Pacific biodiversity.

This is the second version of our report, replacing a version issued in March 2012, which included a few infelicities, now corrected.

Daniel Pauly

Principal Investigator
Sea Around Us Project

Vancouver, 25 May 2012

RECONSTRUCTION OF THE MARINE CATCHES FOR THE KERMADEC ISLANDS (1950-2010)¹

Kyrstn Zylich, Sarah Harper and Dirk Zeller

Sea Around Us Project, Fisheries Centre, University of British Columbia,
2202 Main Mall, Vancouver, BC, V6T 1Z4, Canada;
k.zylich@fisheries.ubc.ca; s.harper@fisheries.ubc.ca; d.zeller@fisheries.ubc.ca

ABSTRACT

The Kermadec Islands are an isolated and uninhabited cluster of islands which have been the site of relatively little fishing. The total domestic (New Zealand) catch from the Kermadec Islands' Exclusive Economic Zone (EEZ) waters for the 1950-2010 time period was approximately 971 t. Foreign fishing was also estimated, as these fisheries had a greater impact on the area. The foreign fishery catch was estimated at 14,475 t over the time period. Approximately 80% of this was caught by South Korean vessels, with the other 20% caught by Japanese vessels. At present, there is very little fishing occurring in the Kermadec Region (only 28 t domestic and zero foreign catch in 2010).

INTRODUCTION

The Kermadec Islands are the northernmost point of New Zealand (Figure 1). The group consists of four island groups which are (with the major islands listed) as follows: 1) Raoul Island, Meyer Island, and the Herald Islets; 2) Macauley Island and Haszard Islet; 3) Curtis and Cheeseman Islands; and 4) L'Esperance and Havre Rocks (Francis *et al.*, 1987). The Kermadec Islands are peaks of volcanic formations rising from the Kermadec Ridge (Francis *et al.*, 1987). Although the Kermadecs are part of New Zealand, the EEZ surrounding the islands is nearly separated from the EEZ of the main New Zealand EEZ (surrounding North and South Island), and thus we can refer specifically to the Kermadec Islands' EEZ (612,047 km²) (Amelia Connell, pers. comm., New Zealand Ministry of Fisheries). The Kermadec region is formed by the subduction of the Pacific Plate under the Australian Plate. This not only creates an area of frequent earthquakes and active volcanoes, but also forms the Kermadec Trench which is over 10,000 m deep (Wright, 2010). The Kermadec Islands are an important locale of unique and diverse terrestrial flora and fauna, and marine life due to their isolation and subtropical location which features a mixture of tropical, subtropical, and temperate species (Gardner *et al.*, 2006). In 1934, the islands were declared a Flora and Fauna Reserve and then a Nature Reserve in 1977². Starting in 1987, the New Zealand Department of Conservation has managed the islands and now have permanent staff and volunteers on Raoul Island who

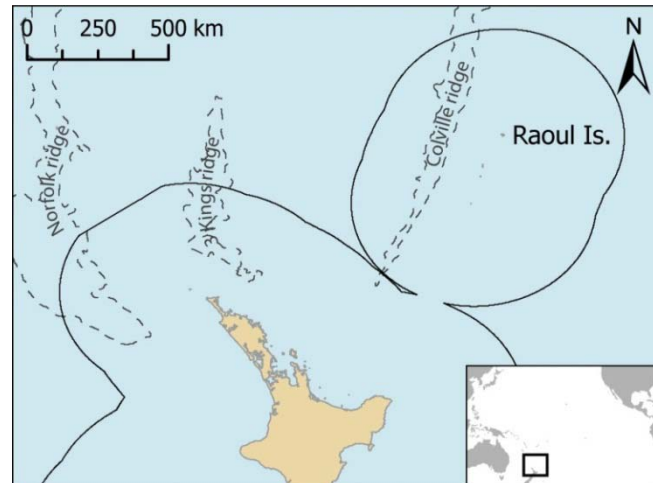


Figure 1. Map of the Kermadec Islands and its EEZ. Raoul Island is shown as well as the connection of the Kermadec Islands EEZ to the New Zealand EEZ surrounding North and South Island.

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² www.thekermadecs.org/islands [accessed January 10, 2012]

are responsible for monitoring meteorological and volcanic activity, weed and pest control, and enforcing regulations of the nature and marine reserves². The islands are uninhabited except for the conservation staff on Raoul Island³. The territorial seas (12-mile limit surrounding the coastal edge) around each island and rock were declared marine reserves in 1990 (Eddy, 2011). This reserve protects 748,000 ha (7,480 km²) of ocean (Gardner *et al.*, 2006).

Due to the fact that the Kermadec Islands are part of New Zealand, they are not typically evaluated on their own. The purpose of this report is to assess how much fishing actually occurs in the isolated region of New Zealand's EEZ which surrounds the Kermadec Islands.

MATERIALS AND METHODS

To estimate the total fisheries catch within the Kermadec Island EEZ, both domestic and foreign fleets were assessed. For the Kermadecs, only large-scale commercial fleets need to be considered, the islands are uninhabited and there is no localized small-scale fishing occurring. New Zealand's EEZ is divided into ten Fisheries Management Areas (FMAs). The Kermadec Island's EEZ is categorized as its own management area, FMA10, and therefore, the New Zealand Ministry of Fisheries (known hereafter as the Ministry of Fisheries) collects data which is specific to the Kermadec Region. However, these data are only available starting in 1990. Prior to this, data relating to foreign fishing were available through various South Pacific Commission (SPC) reports. As for domestic fishing, New Zealand did not have a deep-water fleet prior to 1990, and thus did not fish Kermadec waters at that time (Glenn Simmons, New Zealand Asia Institute, pers. comm.). The Ministry of Fisheries website was also consulted to fit scientific names to the common names presented in the reported data⁴.

Domestic fisheries

Domestic large-scale commercial catches for the 1990-2010 time period were obtained from the Ministry of Fisheries and were accepted as reported data. There were only a few changes made to the data; this affected taxonomic classification of the data, but not the tonnage value. Three categories provided combined data for two species. In these cases the catch was divided between the species. The alfonsino and long-finned beryx (*Beryx splendens* and *B. decadactylus*, respectively) formed a combined category and were each assigned 50% of the combined catch. The same rule was applied to black and yellowfoot paua (*Haliotis iris* and *H. australis*). Hapuku and bass (*Polyprion oxygeneois* and *P. americanus*, respectively) were treated slightly differently, as they were also present in the data as individual categories. Therefore, the proportion of hapuku to bass in the individual categories was used to divide up the combined category. The only amendment to the actual value of the data was to the 'shark fins (unspecified)' category which needed to be converted to the equivalent whole shark weight. After contacting the Ministry of Fisheries, it was found that a conversion factor of 30 was used (C. Loveridge, Ministry of Forestry and Agriculture, pers comm.). This conversion factor was used to calculate the whole wet weight of shark from (what is assumed to be) the wet fin weight. The amount reported as fins was kept separate, labelled as shark ("Selachimorpha"), and was treated as landed catch which was added on to the other miscellaneous shark category. The difference between the whole weight and the fin weight was also labelled as shark ("Selachimorpha"), but was treated as discarded catch (i.e., discarded carcasses). Annual catches were set to zero prior to 1990, as there were no domestic vessels fishing in the Kermadec region of the EEZ at that time.

Foreign fisheries

Foreign large-scale commercial catches for the 1990-2010 time period were obtained from the Ministry of Fisheries. This included catch by foreign licensed and foreign chartered vessel fleets. Foreign licensed vessels stopped fishing in New Zealand at the end of the 1994-95 fishing year (Francis *et al.*, 2001). Records of foreign licensed vessels only appear for 1991 and 1992 in the Kermadec region. The official

³ www.doc.govt.nz/conservation/marine-and-coastal/marine-protected-areas/marine-reserves-a-z/kermadec/facts/ [accessed January 10, 2012]

⁴ www.fish.govt.nz/en-nz/International/High+Seas+Fishing/MFish+Approved+Species+Codes/MFish+Approved+Species+Codes+01.htm [accessed January 5, 2012]. These local (New Zealand) names are now included in FishBase (www.fishbase.org) and SeaLifeBase (www.sealifebase.org).

data only list five years in which foreign chartered vessels were present in Kermadec waters, the first year being 1997. Foreign licensed and foreign charter are different ways of managing foreign fleets, and therefore this gap in foreign fishing is assumed to be due to the changes in the management of foreign vessels. In this report, foreign licensed and foreign chartered vessels are treated the same. The official data for foreign vessels (licensed and chartered) were assumed to be representative of foreign catches and were not altered apart from proportioning the catches to the different foreign fleets.

Prior to 1990, there are many references to foreign vessels fishing in New Zealand's EEZ. Taiwanese, Chinese, and Soviet vessels have been identified as fishing in New Zealand's waters. However, these references referred to squid (*Nototodarus sloanii*), hoki (*Macruronus novaezelandiae*), or southern blue whiting (*Micromesistius australis*) fisheries which did not take place in the geographic location of Kermadec (Smith *et al.*, 1981; Clark, 1985; Chen *et al.*, 2008). Only South Korean and Japanese vessels were able to be clearly identified as fishing in the Kermadec EEZ. In the 1980s, there were two foreign licensed longline tuna fisheries operating in New Zealand's EEZ. The southern fishery which was mainly comprised of Japanese vessels was restricted to the waters surrounding North and South Island and targeted southern bluefin tuna (*Thunnus maccoyii*; Murray *et al.*, 1984). The northern fishery, which consisted mainly of Korean vessels (with a few Japanese vessels), was much smaller than the southern fishery and operated north of 34°S latitude targeting albacore tuna (*Thunnus alalunga*; Murray *et al.*, 1984). This northern fishery was known to focus its effort around Kermadec as well as the Colville Ridge, Norfolk Ridge and the Three Kings Rise system (Figure 1; Murray *et al.*, 1984).

The South Pacific Commission's (SPC)⁵ Country Statement reports on tuna fishing and resources in New Zealand, provided grids of 1° longitude by 1° latitude cells, showing catch data around New Zealand, which confirmed that the northern fishery did fish inside the Kermadec EEZ (Murray *et al.*, 1984; Murray and Ross, 1985). Bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*) were also present in the catch, along with swordfish (*Xiphias gladius*), known to be a bycatch item (Murray *et al.*, 1984). The grids provided spatially allocated catch information in the form of number of sets and fish caught per set for albacore, bigeye tuna, and yellowfin tuna. Grids for the northern and southern fisheries were provided, and showed that both fleets obtained catches within the Kermadec EEZ. As the grids were labelled as 'northern fishery' and 'Japanese fishery', and were not explicit in differentiating the northern Japanese vessels, it was here assumed that the northern fishery represented South Korean catches, and the Japanese fishery catches which fell into the Kermadec EEZ were part of the northern Japanese fisheries catches. These grids provided data from 1981-1984 for the South Korean fleet and 1980-1984 for the Japanese fleet. Additional reports provided average weights of fish for each fishing year (Murray *et al.*, 1989).

Information regarding the fleets' total catch (without spatial distribution graphs) was available up until 1988 (Murray *et al.*, 1989). Unfortunately, these data included catches made outside of the Kermadec EEZ. Proportions and averages were used to extrapolate the data from the known catches in order to estimate catches from 1985 to 1988. Catches for the years 1989-1990 were estimated by interpolating between the 1988 estimates and the 1991 catches from the Ministry of Fisheries data. The target tuna (albacore, bigeye, and yellowfin) data for 1991-1992, 1997, 1999-2000, 2003, and 2007 for foreign vessels (from the Ministry of Fisheries data) were divided proportionally into South Korean and Japanese catches based on proportions from the 1988 tuna estimates (Table 1). Non-target data were divided using the average proportion of South Korean to Japanese catches in 1988 (Table 1). The Ministry of Fisheries data were assumed to be accurate and thus in years of zero data (excluding 1990), it was assumed that there were no foreign vessels fishing in Kermadec waters that year.

Table 1. Proportion of tuna catch within the Kermadec EEZ, by fishing country, in 1988.

Species	Proportion (%)	
	South Korea	Japan
<i>Thunnus alalunga</i>	86.33	13.67
<i>Thunnus obesus</i>	8.96	91.04
<i>Thunnus albacares</i>	83.01	16.99
Average	59.43	40.57

According to Francis *et al.* (1987), foreign vessels (Japanese, Korean, and Taiwanese) started longline fisheries in New Zealand in the early 1950s. It was assumed that these countries began re-building their

⁵ Now: Secretariat of the Pacific Community

fleets after World War II. Therefore, a starting point of zero in 1945 was used as an anchor point. Estimates were interpolated between zero in 1945 and the first data points in either 1980 or 1981, to give a complete time series of target tuna data. The data on non-target species from the Ministry of Fisheries for the foreign licensed vessels only, was used to estimate the non-target catch for the foreign fishery from 1950-1990. Foreign licensed catch data from 1991 and 1992 were averaged to obtain the proportion of target tuna to the non-target species (Table 2).

Table 2. Species composition of foreign vessel catches, within the Kermadec EEZ, for 1950-1990.

Taxa	Catch (%)
Target tuna ^a	69.07
<i>Xiphias gladius</i>	7.73
<i>Isurus oxyrinchus</i>	6.36
<i>Alopias vulpinus</i>	2.91
<i>Tetrapturus audax</i>	2.79
<i>Thunnus maccoyii</i>	1.54
<i>Gasterochisma melampus</i>	0.53
<i>Prionace glauca</i>	0.13
<i>Thunnus thynnus</i>	0.11
Miscellaneous marine fish	5.88
Miscellaneous shark	2.95

^a Target tuna consists of *Thunnus alalunga*, *Thunnus obesus* and *Thunnus albacares*.

Finally, there has been one documented case of illegal fishing by a foreign vessel in the Kermadec Islands' EEZ. In late 2009, a Vanuatu flagged longline vessel (Taiwanese owned), as well as a Taiwanese flagged longline vessel, were spotted (12 miles apart) on the same day, just north of the Kermadec Islands⁶. The owners of these vessels have acknowledged that they were fishing illegally and have both paid fines to the New Zealand Government. Although this is the only documented case of illegal fishing, it is assumed that other instances of illegal fishing have also taken place within the Kermadec EEZ, due to the remoteness of the area. However, without further evidence we cannot estimate the impact that illegal fishing has on the marine resources within the Kermadec Islands' EEZ.

RESULTS

The total domestic catch for Kermadec, for the time period of 1950-2010, was 971 t (Figure 2). This catch only spans the time period of 1990-2010 as there was no domestic fishing in the Kermadec EEZ prior to this time period. The average annual catch over the 1990-2010 time period equalled approximately 46 t·year⁻¹. The species composition for the domestic catch was extremely diverse. The data obtained from the Ministry of Fisheries contained 100 taxonomic groups, with only a few miscellaneous categories. Out of this large mix of species, it was seen that the domestic catch was dominated by swordfish (*Xiphias gladius*) which represented 26.9% of the total catch (261 t). Bass (*Polyprion americanus*), bigeye tuna (*Thunnus obesus*), and bluenose (*Hyperoglyphe antarctica*) were the other major species present in the catch, with approximately 95 t (9.8%), 91 t (9.4%), and 85 t (8.7%), respectively, of the total domestic catch (Figure 2). There was a small amount of discarded shark calculated from the shark fin catch, totalling 22 t over the time period and representing 2.3% of the total domestic catch.

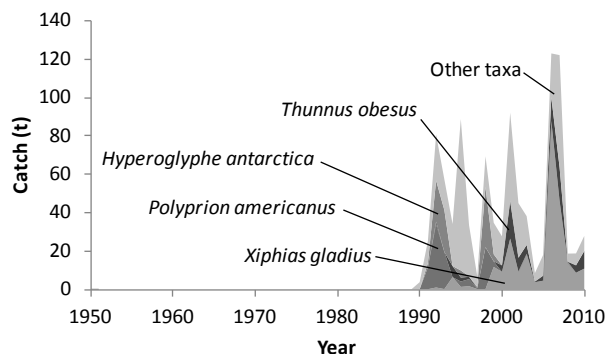


Figure 2. Domestic fisheries catch in the Kermadec Islands EEZ, separated by species. The grouping 'other taxa' contains 98 taxonomic groups, and includes both marine fish and invertebrates.

⁶ <http://www.fish.govt.nz/en-nz/Press/Press+Releases+2010/November10/Foreign+vessel+admits+fishing+illegally+in+New+Zealand+waters.htm> [accessed April 13, 2012]

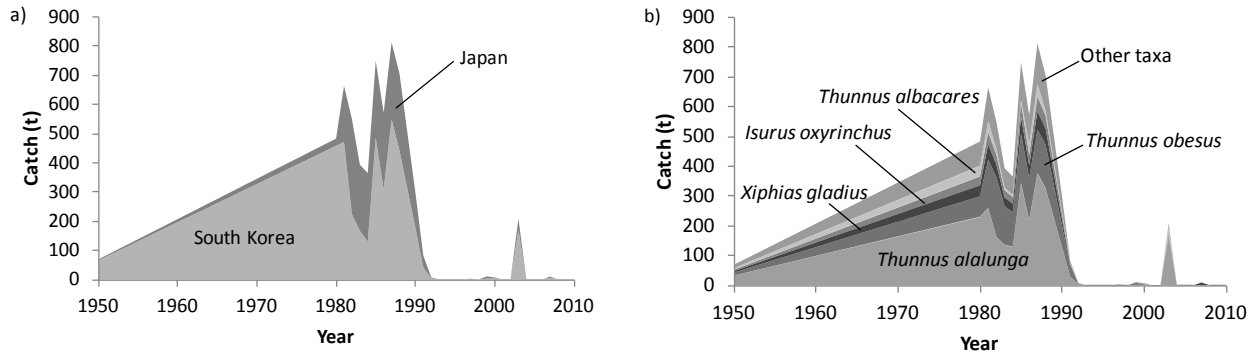


Figure 3. Total estimated foreign catch for the Kermadec Islands' EEZ, 1950-2010, (a) divided by country; and (b) by species. The grouping 'other taxa' contains 24 taxonomic groups, including both marine fish and invertebrates.

The total foreign catch for 1950-2010 is estimated at 14,475 t (Figure 3). The average annual catches peaked in the 1980s with approximately 580 t·year⁻¹, and have declined dramatically since. From the information available, it is assumed that only Japanese and South Korean vessels were fishing in the Kermadec EEZ. South Korean vessels represented approximately 80% (11,600 t) of the total foreign catch, with Japanese vessels catching the remaining 20% (2,900 t) (Figure 3a). Within the Kermadec EEZ, foreign vessels were mainly targeting tuna and billfish. The overall foreign catch was dominated by albacore with 45.4% (6,576 t) of the catch. Other major species included bigeye tuna, swordfish, shortfin mako shark, and yellowfin tuna, with 2,657 t (18.4%), 1,113 t (7.7%), 909 t (6.3%), and 810 t (5.6%), respectively, of the total foreign catch (Figure 3b). In terms of individual fleets, the only major difference was that South Korea's major species was albacore with 53% (6,149 t) of the total catch, whereas Japan's largest contributor was bigeye tuna with 47% (1,369 t) of the total catch.

Overall, foreign catches far outweighed domestic catches (Figure 4). As noted previously, the foreign catches may even be an underestimate due to the possibility of illegal catches by foreign fleets within the Kermadec EEZ.

DISCUSSION

The total reconstructed domestic catch for the Kermadec islands totalled 971 t, with an additional 14,475 t of foreign vessel catch, for the time period of 1950-2010. Catch data from 1990 onward was kindly provided by the New Zealand Ministry of Fisheries. It should be noted that there appears to be some discrepancy in the Ministry of Fisheries reporting. There is catch data, by region, for the last six years available on the Ministry of Fisheries website. For Kermadec (FMA10), the website reports that there is no customary or recreational fishing as the islands are uninhabited, and also states that the Kermadecs are not open to commercial fishing, except for research purposes. The website reports only 52 kg of commercial catch in 2007 and zero catch in 2008-2010⁷. This is not the same as the data which were provided by the Ministry of Fisheries, which stated that the domestic catch for 2007 was 122 t. Catches provided by the Ministry of Fisheries for the years 2008-2010 averaged 22 t·year⁻¹ which does not equal the zero reported catch value on the Ministry's website either. Currently, only the 12-mile territorial seas around Kermadec are protected/designated as marine reserves. The Kermadec EEZ is named as a Benthic Protection Area (BPA) which protects the area from bottom trawling. This makes it illegal to trawl within 100 meters of the bottom. With these protection measures in

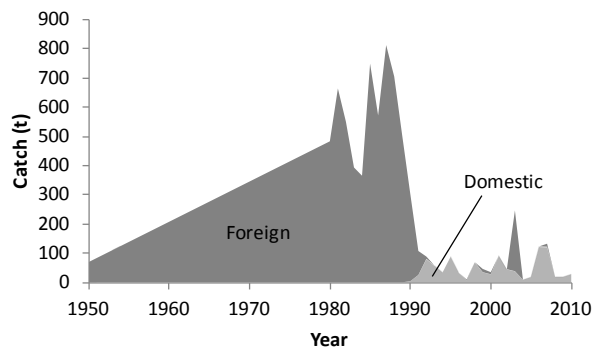


Figure 4. Total estimated catch within the waters of the Kermadec Islands' EEZ, divided by foreign and domestic (New Zealand) catch, 1950-2010.

⁷ <http://fs.fish.govt.nz/Page.aspx?pk=41&tk=99&ey=2007> [accessed February 3, 2012]

mind, as well as the consideration by conservation organizations to create an ocean sanctuary around the Kermadecs, accurate and transparent reporting of fishing activities in the region is crucial. Consistent and effective patrols are also required to deter and capture illegal fishing vessels which threaten the area.

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THE MARINE BIODIVERSITY OF THE KERMADEC ISLANDS IN FISHBASE AND SEALIFEBASE¹

Maria Lourdes D. Palomares

*Sea Around Us Project, Fisheries Centre, University of British Columbia,
2202 Main Mall, Vancouver, BC, V6T 1Z4, Canada; m.palomares@fisheries.ubc.ca*

Patricia M.E.S. Yap, Marianne P. Saniano, Jennifer C. Espedido,
Lealde P. Urriquia, Ace K. Amarga, Vina A. Parducho, Arlene Sampang

*The FishBase and SeasLifeBase Projects, FishBase Information and Research Group,
Khush Hall, IRRI, Los Baños, College, Laguna, Philippines*

Nicolas Bailly

*WorldFish Centre, Biodiversity Informatics Group hosted at FIN
Khush Hall, IRRI, Los Baños, College, Laguna, Philippines*

ABSTRACT

The Kermadec Island group (New Zealand), a marine park since the 1930s, is one of the few bodies of water in the world which has so far escaped extensive exploitation due to its remoteness and inhospitable conditions. These conditions, however, have also made the Kermadec Islands difficult to study. The over 200 scientific documents (1881-2012) we treated in this exercise resulted in a species list which contains 193 bony fishes, 24 sharks, at least 46 tetrapods (whales, dolphins, sea turtles and sea birds), and at least 916 invertebrates and 44 macrophytes. We provide here a preliminary list of marine species and the bibliography used to assign them to the Kermadec Islands, which undoubtedly will be extended when the results of the 'Kermadec Expedition' are published in 2013.

INTRODUCTION

The Kermadec group of islands (see Zylich *et al.*, this volume for complete list of islands) lies in the South Pacific Ocean at 29°00'-33°00'S and 178°00'-175°00'W (Hydrographic Office of the US Navy, 1942, p. 457-460) between Tonga in the north and New Zealand in the south (Findlay, A.G., 1871, p. 459) forming a range of deep-water volcanic peaks within the highly active zone of the Bay of Plenty and the Tonga group (Gunn, 1888, p. 600) now known as the Tonga-Kermadec arc (see Zylich, *et al.*, this volume). Curtis and Macauley islands were discovered by the British Royal Navy Lieutenant John Watts, technically under the command of Captain William Sever (see Gunn, 1888, p. 599) on the convict transport ship *Lady Penrhyn* in mid 1788 (Quanchi and Robson, 2005), part of a first fleet of 11 ships sent to establish the penal colony of Australia in late 1787². The biggest of these islands, the northernmost Raoul Island (see Figure 1 of Zylich *et al.*, this volume), was however discovered in 1793 by, and named after, the *Recherche's* first pilot Joseph François Raoul (see SEMLH, 2012) during the course of a voyage (1791-1793) led by Captain Antoine Raymond Joseph de Bruni d'Entrecasteaux in search of the lost

¹ Cite as: Palomares, M.L.D., Yap, P.M.E.S., Saniano, M.P., Espedido, J.C., Urriquia, L.P., Amarga, A.K., Sampang, A., Bailly, N., 2011. The marine biodiversity of the Kermadec Islands in FishBase and SeaLifeBase. In: Palomares, M.L.D., Zylich, K., Harper, S., Zeller, D., Pauly, D. (eds.), The Marine Biodiversity and Fisheries Catches of the Kermadec Island Group. A report prepared for the Global Ocean Legacy project of the Pew Environment Group, p. 9-48. The *Sea Around Us* Project, Fisheries Centre, UBC, Vancouver, Canada.

² <http://firstfleetfellowship.org.au/ships/hms-lady-penrhyn/>

expedition of Jean-François de Galaup, comte de Lapérouse (Labillardière, 1800, p. vii-viii). The accompanying vessel, *l'Espérance*, was commanded by Captain Jean-Michel Huon de Kermadec, after whom the rock and these islands, respectively, were consequently named (Labillardière, 1800, p. xi-xii). Later, in 1796, unaware of the previous French expedition, Master William Raven in the British merchant vessel *Britannia*, named it Sunday Island (Gunn, 1888, p. 599). Raoul/Sunday Island thus became an “ocean post office” for the European and American whalers exploiting the abundant South Pacific cetacean populations (see West, 2002), settled by a succession of pioneering European and American families (from the Bakers in 1837 to the Bells in 1914) who run the outpost on Denham Bay³, and an emergency haven for shipwrecked crew (Gunn, 1888, p. 604; Department of Conservation, 2012). British occupation of the islands was made formal with a Royal Letters Patent on 21 July 1887 when the New Zealand Colony boundaries were extended to 53°S and 173°W (New Zealand Registrar General, 1888, p. xiv).

As in most islands of the south Pacific, the Kermadecs were frequented by Melanesians and Polynesians before they were rediscovered and charted by the Europeans. Evidence suggests that due to the geographic location of the Kermadecs, they were discovered rather late in historic time, i.e., towards the end of 1,000 AD, by central eastern Polynesians (Anderson, 1980), as they were outside of the upwind ‘arcs of exploration’ (Irwin, 1989; Howe, 2003). But, once discovered, ‘Rangitahua’ (i.e., from Maori ‘Rangi’, i.e., of the primal couple, God of sky; see Buck, 1964, p. 272-282; Anderson, 1980) was often used as a way point on the voyage either to an exploration site or on the way home, i.e., between eastern Polynesia and New Zealand (Anderson and McFadgen, 1990; Howe, 2003). The extreme volcanic activity in this area⁴ (three major eruptions have been recorded in historic time, see Anderson, 1980) made habitable land rather scarce, and thus the islands were not permanently inhabited (Howe, 2003), though they may have offered a source of food (e.g., seabirds and seafood; see Keegan and Diamond, 1987 cited in Milberg and Tyrberg, 1993, p. 233) and freshwater (rainfed craters of volcanic eruptions; Gunn, 1888, p. 501) to the Polynesian voyagers as well as to European whalers exploiting French Rock’s sperm and right whale stocks (Sykes, 1977 and Johnson, 1991 cited in West, 2002).

Migratory breeding seabirds were one of the most sighted animals around these islands, e.g., Labillardière (1800, p. 89), upon entering the waters of Raoul Island noted that they were “surrounded by a large number of seabirds, among which they could see many boobies and gulls”. Unfortunately, colonization came with the introduction of mammals as food source (goats, pigs, dogs, feral cats; see Straubel, 1954 cited in Parkes, 1984; Fitzgerald *et al.*, 1992; Veitch *et al.*, 2011) and the accidental introduction of rats (*Rattus exulans*, by Polynesians; *R. rattus* and *R. norvegicus*, by Europeans; see Milberg and Tyrberg, 1993), causing a widespread devastation of breeding seabirds in these islands (Veitch *et al.*, 2004), a problem which only recently has been controlled (Broome, 2009; Veitch *et al.*, 2011). When the New Zealand government established the permanent radio and meteorological station in Raoul Island in 1938 and subsequently prohibited permanent settlement of the islands in 1939 (primarily due to the risk of volcanic activity), the Kermadecs effectively became a protected area⁵. However, it was not until 1990 that the official no-take marine reserve was established⁶, which prompted a series of initiatives to eradicate over-abundant and invasive species, e.g., rodents from the islands (Veitch *et al.*, 2011).

In this contribution, we attempt to summarize what is known of the marine biodiversity of the Kermadecs as assembled from available published documents in the biodiversity information systems FishBase and SeaLifeBase. This work complements the work on marine fisheries resources of the islands described in Zyllich *et al.* (this volume).

MATERIALS AND METHODS

Large repositories of scientific literature notably the Aquatic Science and Fisheries Abstracts, Google Scholar, Google Books and Web of Science were searched using ‘Kermadec’ as keyword. A general Google search for magazine, newspaper and blog articles was also done. More targeted searches using the

³ <http://www.seafriends.org.nz/issues/res/kermadec/kermhist.htm> [accessed 02/03/2012].

⁴ <http://www.teara.govt.nz/en/historic-volcanic-activity>

⁵ <http://www.seafriends.org.nz/issues/res/kermadec/kermhist.htm>

⁶ <http://www.doc.govt.nz/conservation/marine-and-coastal/marine-protected-areas/marine-reserves-a-z/kermadec/>

scientific names of taxa (functional groups, e.g., ‘mollusk’ or ‘Mollusca’) coupled with ‘Kermadec’ and ‘Raoul’ (the biggest island of the Kermadecs) were made for metazoan groups which seemed to lack checklists. All available literature were downloaded in PDF format, while literature for which no electronic copies are available were noted in a bibliographic Excel worksheet for later use. Global and regional species checklists, guides and catalogues, e.g., those published by the Food and Agriculture Organization of the United Nations (FAO) for the Pacific Ocean, were consulted for species occurring in the Kermadecs.

Taxonomic data for non-fish metazoans were checked against the World Register of Marine Species (WoRMS; www.marinespecies.org) and the Catalogue of Life (CoL; www.catalogueoflife.org). Over a six-week period, valid species names (i.e., names stamped by a WoRMS or CoL taxonomic editors) and their related synonyms were encoded in SeaLifeBase (www.sealifebase.org), a FishBase-like global biodiversity information system on marine metazoans (other than fish) of the world. Literature on fish species were submitted to FishBase (www.fishbase.org), the well-known global biodiversity information system for fishes, where the same taxonomic validation process was followed using the Catalog of Fishes (<http://research.calacademy.org/redirect?url=http://researcharchive.calacademy.org/research/Ichthyology/catalog/fishcatmain.asp>). Species specific ecological and biological data were extracted and encoded into these two information systems after the valid species names were verified. Standard queries, created for assembling country/island reports were run to obtain the data presented here.

RESULTS AND DISCUSSION

More than 200 references were used in FishBase (n=51) and SeaLifeBase (n=155) to assign fish and other marine metazoans to the Kermadecs (see bibliography in Appendix B1 and B2). Figure 1 summarizes the types of references used in this exercise, 50% of which were published in peer-reviewed journals, i.e., an indication of their accessibility via the World Wide Web rather than of their relevance to the subject. Books, book chapters, conference proceedings and reports accounted for 43% of these references while the rest (7%) came from online databases, internet resources, theses and other sources. A quarter of these references were checklists, assuring the taxonomic and geographic quality for

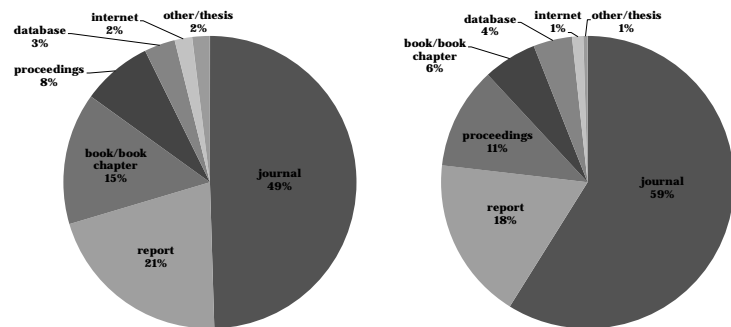


Figure 1. Left panel: Types of references (n=206) so far used in FishBase (for fish species; n=51) and in SeaLifeBase (for all other marine metazoans; n=155) to assign species to the Kermadec Islands (see detailed reference list in Appendix A). Right panel: Number of species so far assigned in FishBase (www.fishbase.org) and SeaLifeBase (www.sealifebase.org) to the Kermadec Islands by reference type. Data from February 2012 versions of FishBase and SeaLifeBase.

59% of the 1,224 marine species reported here. Six references accounted for 74% of the 231 fish species recorded in FishBase, i.e., Francis (1993; 53%), Waite (1909; 13%), Francis (1991; 11%), McMillan *et al.* (2011b; 11%), McMillan *et al.* (2011a; 10%), and Collette and Nauen (1983; 2%). The rest accounted for 1-4 species per reference, the bulk of which contained one species (36 references). The species content of the references used in SeaLifeBase is more varied than those used for fishes in FishBase, viz.: Brook (1998) accounted for 20% of the 1,006 metazoans recorded in SeaLifeBase; Oliver (1914) and Yaldwyn and Webber (2011) each accounted for 9%; Chilton (1910) for 5%; Iredale (1910) and Takeda and Webber (2006) for 4% each; and Fell (1948) and Spurgeon (2007) for 3% each. Six references accounted for 2% each, 15 references for 1% each and the rest (126 references) accounted for <1% each, the bulk of which (84 references) contained only one species.

Kermadec Fishes from FishBase

FishBase (February 2012 version) records 231 fish species for Kermadecs, listed in Appendix A1. Twelve species whose occurrence in the Kermadecs need verification, and one identified as a stray, the koheru, *Decapterus koheru* (Paulin *et al.*, 1989), are not included in the following counts. Of the 218 confirmed

species, 25 (11%) are cartilageneous fishes (24 Elasmobranchii: sharks and rays; 1 Holocephali: chimaeras), and 193 (89%) are bony fishes (Actinopterygii).

Of the 193 bony fishes, 173 (90%) species are found strictly in marine waters, 114 (66%) of which belong to the Order Perciformes (perch-likes), 20 (10%) species also occur in brackishwaters elsewhere in the world. Two marine Perciformes are endemic to the Kermadecs, i.e., the Kermadec triplefin, *Enneapterygius kermadecensis* (Fricke, 1994) and the gurnard, *Lepidotrigla robinsi* (Richards, 1994). Sharks and rays account for 24 (11%) species of the 218 confirmed species for the Kermadecs in FishBase, i.e., 9 Carcharhiniformes (ground sharks), 9 Lamniformes (mackerel sharks), 4 Rajiformes (rays) and 2 Squaliformes⁷ (dogfish sharks). The leopard chimaera, *Chimaera panther* (Didier, 1998), is the only Holocephali recorded for the Kermadecs in FishBase.

Of the 218 confirmed species, 51 (23%) species are reported in the IUCN Red List (IUCN, 2010; see Figure 2, left panel), i.e., the silver-stripe round herring, *Spratelloides gracilis* (see Francis, 1993), 31 perch-likes, 8 ground sharks, 5 mackerel sharks, 4 rays, the cookie cutter shark (*Isistius brasiliensis*; see McMillan et al., 2011b) and the leopard chimaera. The one critically endangered species is the southern bluefin tuna, *Thunnus maccoyii* (Collette and Nauen, 1983). This is a rather high fraction, 23% of the fish species found in the Kermadecs, notably since 89% of these are coastal species. Figure 2 (right panel) shows that half of these IUCN-listed species are in the very low and low resilience categories (estimation of categories based on Musick, 1999). Of the 134 species which were not evaluated by the IUCN Red List, 21 have low and very low resilience, i.e., 20 bony fishes (60% perch-likes, i.e., shallow water species) and the northern spiny dogfish (*Squalus griffin*; see Duffy and Last, 2007). On the one hand, this suggests that further assessments might result in an increase in the number of endangered species occurring in the Kermadecs, given the high incidence of low resilient species in those already listed by the IUCN. On the other, this also suggests that the Kermadec Island Marine Reserve⁸ may give protection not only to those that are already listed, but also to those which might be vulnerable because of their low resilience to change.

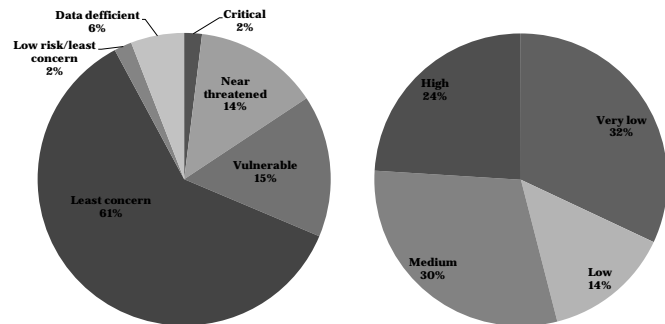


Figure 2. Left panel: Endangered fish species occurring in the Kermadec Islands (n=51) by IUCN Red List category as recorded in FishBase (February 2012). Right panel: Resilience of endangered fish species according to FishBase (February 2012) based on Musick (1999). Almost half of the species with IUCN Red List assessments have low or very low resilience and belong to the critically endangered, vulnerable and near threatened categories.

Francis (1993) lists 145 coastal fish species known from the Kermadecs (see also www.thekermadecs.org where the estimate quoted is about 150 bony fishes and about 5 sharks), i.e., 108 reef-associated (e.g., the Kermadec angelfish, *Parma kermadecensis*; see Francis, 1993) and 54 demersal fish species (e.g., the Kermadec triplefin), which are mostly inhabitants of the continental shelf (0-100 m); 38 pelagics (offshore species like tunas, sharks and rays); and 18 deep sea species, e.g., the snailfish, *Notoliparis kermadecensis* found at 6,660-6,770 m (Andriashev, 1998), and the pearlfish, *Echiodon neotes*, found at depths of more than 8,000 m (Markle and Olney, 1990)⁹. Altogether, the FishBase list goes beyond the estimates available in the literature for the Kermadecs. Though, far from complete, FishBase offers a reasonably good list of fish species for the Kermadecs, i.e., available references enabled us to make a good and probably nearly complete coverage of coastal fishes (see Table 1) and a good percentage of deep sea (seamount and vent species included) species are accounted for from occurrence/specimen reports. The

⁷ Note that a new dogfish shark, *Squalus raoulensis* was also reported to occur in the Kermadec Trench by Duffy and Last (2007). This occurrence, though not included in this analysis, has been encoded in FishBase and will be made available in the April 2012 version.

⁸ <http://www.doc.govt.nz/conservation/marine-and-coastal/marine-protected-areas/marine-reserves-a-z/kermadec/>

⁹ The Museum of New Zealand (Te Papa Tongarewa) holds 13 fish specimens from the Kermadecs, all accounted for in FishBase (Anon., 2012).

list of fishes presented in Appendix A1 will undoubtedly be improved once the results of the ongoing Kermadec Expedition are published in 2013, and will thus be available for FishBase encoding¹⁰.

Marine metazoans from SeaLifeBase

SeaLifeBase assembled 1,019 species, including 10 whose occurrence in the Kermadecs need to be verified and 2 strays, i.e., the Red-billed gull, *Larus scopulinus* (Lepage, 2007) and the seasnake, *Pelamis platura* (Mao and Chen, 1980). These belong to 712 genera, 388 families, 117 orders, 33 classes and 15 phyla (Appendix A2). The summary presented in Table 1 suggests a high degree of endemism, 108 endemics of 1006 species (about 11%) belonging to 92 genera, 68 families, 27 orders, 11 classes, and 5 phyla. These include 50 species of mollusks (74% gastropods), 29 decapods, 26 echinoderms, the foraminiferans *Dendrophrya kermadecensis* (Hayward, 2010) and *Glabratellina kermadecensis* (Hayward *et al.*, 1999), and the Little shearwater, *Puffinus assimilis* (Holdaway *et al.*, 2001). Of these endemics, 14 have the species epithet “kermadecensis”, i.e., 3 decapods, 2 cephalopods, 7 gastropods, and the 2 forams already mentioned; and 3 have the species epithet “raoulensis”, i.e., 2 bivalves and the gastropod *Siphonaria raoulensis* (Oliver, 1914). Wicks *et al.* (2010) suggested that high degrees of endemism can be expected of high-latitude coral reefs, such as the Kermadecs, and showed evidence by comparing *Symbiodinium* assemblages across ecosystems.

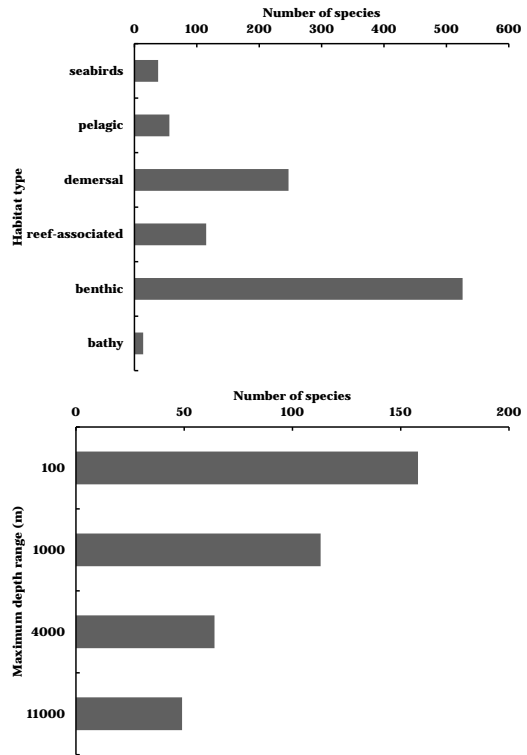


Figure 3. Vertical distribution of non-fish metazoans of the Kermadec Islands documented in SeaLifeBase (February 2012 version). Top panel: distribution by habitat for 996 species. Bottom panel: distribution by maximum depth for 384 species with maximum depth data.

More than half of these species are benthic, about 25% are demersal and about 12% are reef associated (Figure 3, top panel). A large proportion of the 384 species with maximum depth data are found in waters ≤ 100 m (see Figure 3, bottom panel), while 60% are found at depths of $\geq 1,000$ m. These results probably reflect a good representation of coral reef communities as well as the deep-sea seamount, vent and trench communities, which characterize the Kermadec Island’s bottom topography.

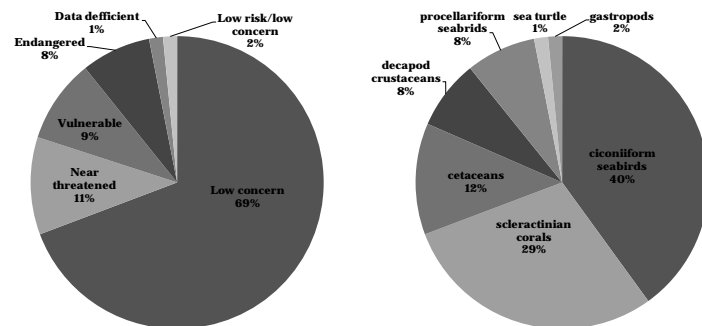


Figure 4. Endangered non-fish metazoans (n=65) from the Kermadec Islands so far included in SeaLifeBase (February 2012 version). Left panel: distribution by IUCN category. Right panel: distribution by endangered species groups.

Half of these endangered species are seabirds, which is not surprising given the history of

Of the species assembled in SeaLifeBase, 65 are listed in the IUCN Red List (IUCN, 2010; Figure 4, left panel), i.e.: the migratory killer whale, *Orcinus orca* (Jefferson *et al.*, 1993), categorized as data deficient and 7 other whale species; the green sea turtle, *Chelonia mydas* (Oliver, 1910) categorized as endangered; 3 albatrosses, 2 petrels and 26 ciconiiform seabirds; 5 decapod crustaceans all categorized as of least concern; the giant triton, *Cymatium parthenopeum* (Brook, 1998), categorized as low risk/least concern; and 19 scleractinian corals (Figure 4,

¹⁰ <http://kermadec.aucklandmuseum.com/#&slider1=2> [accessed 03/03/2012].

invasive predators introduced into the islands. The listed corals are found at depths not more 40 m, 6 of which belong to the family Faviidae (2 near threatened and 4 of least concern), and 3 of the family Acroporidae of the genus *Montipora* (2 vulnerable and 1 of least concern).

With respect to the quality of the documents used as reference material (i.e., checklist, review, recent), an assessment of the completeness of SeaLifeBase's February version by taxonomic group is presented in Table 1. This suggests that a third of the more than 30 taxa accounted for in SeaLifeBase, available reference materials were more or less completely surveyed, while the rest, mostly those for which we did not find checklists, are grossly unrepresented. Note that this work did not benefit from the recently published three-volume New Zealand Inventory of Biodiversity by Dennis Gordon (2009-2012), which was difficult for us to procure. However, Dennis Gordon (NIWA, New Zealand, pers. comm.) indicates that while the New Zealand Inventory of Biodiversity is a good reference for the very diverse New Zealand fauna, it does not necessarily contain all of the Kermadec Island fauna. Even though, we may expect that this reference in addition to the 'Kermadec Expedition' and other sources (e.g., Cole *et al.*, 1992, Lesley *et al.*, 2006, Tunnicliffe *et al.*, 2010, not available to us at the time of data mining and treatment) are incorporated into SeaLifeBase. Thus, our work is not over yet.

Table 1. FishBase and SeaLifeBase (February 2012 version) coverage of vertebrates, invertebrates and plants of the Kermadec Islands with respect to available reference materials. Note that we base our coverage on available materials and their quality, e.g., checklists tend to be more complete than reports of occurrence.

Group	Number of species	Endemic %	Coverage	Reference material
Whales and dolphins	9	—	Probably incomplete	More than 30 species occurring in New Zealand (www.thekeermadecs.org) which may also frequent the Kermadecs; based mainly on Jefferson <i>et al.</i> (1993)
Sea turtles/sea snakes	2	—	Incomplete	No known estimates; based mainly on Oliver (1910)
Sea quirts	3	—	Incomplete	No known estimates; based on Monniot (1998) and Sanamyan and Sanamyan (1999)
Sea birds	33	3	Probably complete	42 known records in the Kermadecs including probable extirpations (Gaskin, 2011); based mainly on checklists, i.e., Cheeseman (1890), Holdaway <i>et al.</i> (2001), Veitch <i>et al.</i> (2004)
Bony fishes	193	2	Probably complete	145 coastal fishes recorded in Francis (1993)
Sharks and rays	24	—	Probably complete	5 shark species observed in the Kermadecs (www.thekeermadecs.org)
Chimaeras	1	—	Probably incomplete	No known estimates
Shrimps, lobsters, crabs	187	16	Probably complete	17 known decapods in the Kermadecs (www.thekeermadecs.org); based mainly on checklists, i.e., Chilton (1910), Takeda and Webber (2006), Jamieson <i>et al.</i> (2011), Yaldwyn and Webber (2011)
Amphipods, copepods, isopods, krill	62	—	Incomplete	29 recorded amphipod species in the Kermadec Trench alone (Jamieson <i>et al.</i> , 2011); amphipods based on Chilton (1910) and Jamieson <i>et al.</i> (2011) and probably complete; isopods based mainly on Chilton (1910) and probably incomplete; no source used for copepods
Barnacles, sea lice	16	—	Incomplete	barnacles based on Linzey (1942) and probably complete; sea lice based on Jennings (1914) and probably incomplete;
Pycnogonid crabs	6	—	Probably incomplete	No known estimates
Squids, cuttlefishes, octopuses	21	19	Probably incomplete	No known estimates; based mainly on the checklist of Berry (1916) and on CephBase (see Wood and Day, 1998)
Bivalves	88	6	Probably complete	No known estimates, based mainly on checklists, i.e., Iredale (1910), Oliver (1914), Brook (1998), Dijkstra and Marshall (1997), Spurgeon (2007)

Table 1. Continued.

Group	Number of species	% Endemic	Coverage	Reference material
Sea snails	323	11	Probably complete	No known estimates, but based mainly on checklists, i.e., Iredale (1910), Oliver (1914), Marshall (1979), Brook (1998)
Chitons	6	67	Probably incomplete	No known estimates and based mainly on Oliver (1914)
Sea anemones, soft/hard corals	39	—	Probably incomplete	Wicks <i>et al.</i> (2010) suggest high endemism of high-latitude coral- <i>Symbiodinium</i> assemblages including the Kermadecs; mainly based on Moseley (1881), Stuckey and Wellington (1914), Brook (1999), Andrew and Francis (2003)
Hydroids	8	—	Incomplete	No known estimates (see Wicks <i>et al.</i> , 2010); based on Moseley (1881), Hilgendorf (1910), Kram (1952)
Brachiopods/bryozoans	4	—	Incomplete	270 species recorded in the Kermadecs (Gordon, 2010; see also comment re Wicks <i>et al.</i> , 2010)
Polychaete worms	27	—	Probably incomplete	No known estimates; based mainly on Benham (1914) and Kirkegaard (1996)
Sipunculid worms	4	—	Probably complete	No known estimates. However, SeaLifeBase has a complete list of the sipunculid worms of the world and the references used for the Kermadecs are checklists, i.e., Cutler (1994), Cutler <i>et al.</i> (2004)
Sea stars	13	15	Probably complete	No known estimates; based on Sladen (1889), Fell (1948), Madsen (1952), McKnight (1958), Andrew and Francis (2003);
Brittle stars	33	45	Probably complete	21 known species in the Kermadec Trench (Jamieson <i>et al.</i> , 2011); based on Lyman (1882), Benham (1911), Fell (1948), McKnight (1968), Baker (1980), Baker <i>et al.</i> (2001), Jamieson <i>et al.</i> (2011),
Sea lilies	17	47	Probably complete	Based on Fell (1948), McKnight (1977a and b), Andrew and Francis (2003), Éleaupe <i>et al.</i> (2007)
Sea urchins	24	4	Probably complete	Based on Agassiz (1881), Benham (1911), McKnight (1968), Schiel <i>et al.</i> (1986), Baker and Rowe (1990), Andrew and Francis (2003), Gardner <i>et al.</i> (2006)
Sea cucumbers	2	—	Incomplete	Based on Hansen (1956), Pawson (2002)
Sponges	10	—	Probably incomplete	Based on Kirk (1911), Lévi (1964), Kelly and Vacelet (2011)
Glass sponges	17	—	Probably complete	Based on Schulze (1887), Lévi (1964), Reiswig and Kelly (2011)
Forams	8	25	Incomplete	No known estimates
Sagenista	1	—	Incomplete	No known estimates
Green algae	13	—	Probably incomplete	Based on Gepp and Gepp (1911), Andrew and Francis (2003), complemented by Guiry and Guiry (2009); an earlier estimate by Nelson and Adams (1984) indicated 165 species of marine algae to occur in the Kermadec region.
Brown algae	12	—	Probably incomplete	Based on Gepp and Gepp (1911), Lindauer (1957), Andrew and Francis (2003); complemented by Guiry and Guiry (2009)
Red algae	19	—	Probably incomplete	Based on Gepp and Gepp (1911), Laing (1930), Adams (1994) Andrew and Francis (2003); complemented by Guiry and Guiry (2009)

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APPENDICES

APPENDIX A1: SPECIES OF THE KERMADEC ISLANDS IN FISHBASE

Class	Order	Family	Genus	Species	Status
Actinopterygii	Anguilliformes	Congridae	Conger	cinereus	native
Actinopterygii	Anguilliformes	Congridae	Ariosoma	mauritanum	native
Actinopterygii	Anguilliformes	Congridae	Conger	wilsoni	native
Actinopterygii	Anguilliformes	Congridae	Gnathophis	umbrellabius	native
Actinopterygii	Anguilliformes	Muraenidae	Gymnothorax	pictus	native
Actinopterygii	Anguilliformes	Muraenidae	Gymnothorax	eurostus	native
Actinopterygii	Anguilliformes	Muraenidae	Gymnothorax	berndti	native
Actinopterygii	Anguilliformes	Muraenidae	Gymnothorax	thyrsoides	native
Actinopterygii	Anguilliformes	Muraenidae	Gymnothorax	nubilus	native
Actinopterygii	Anguilliformes	Muraenidae	Enchelycore	ramosa	native
Actinopterygii	Anguilliformes	Muraenidae	Gymnothorax	obesus	native
Actinopterygii	Anguilliformes	Muraenidae	Gymnothorax	ypsilon	native
Actinopterygii	Anguilliformes	Muraenidae	Anarchias	supremus	native
Actinopterygii	Anguilliformes	Ophichthidae	Myrichthys	maculosus	native
Actinopterygii	Anguilliformes	Ophichthidae	Callechelys	catostoma	native
Actinopterygii	Anguilliformes	Ophichthidae	Scolecenchelys	nicholsae	native
Actinopterygii	Anguilliformes	Ophichthidae	Apterichtus	australis	native
Actinopterygii	Anguilliformes	Ophichthidae	Scolecenchelys	australis	questionable
Actinopterygii	Aulopiformes	Paralepididae	Lestidium	nudum	native
Actinopterygii	Aulopiformes	Paraulopidae	Paraulopus	nigripinnis	native
Actinopterygii	Aulopiformes	Synodontidae	Trachinocephalus	myops	native
Actinopterygii	Aulopiformes	Synodontidae	Synodus	variegatus	native
Actinopterygii	Aulopiformes	Synodontidae	Synodus	doaki	native
Actinopterygii	Beloniformes	Ablennes	Ablennes	hians	native
Actinopterygii	Beloniformes	Belonidae	Platybelone	argalus platyura	native
Actinopterygii	Beloniformes	Hemiramphidae	Euleptorhamphus	viridis	native
Actinopterygii	Beloniformes	Scomberesocidae	Scomberesox	saurus scombroides	native
Actinopterygii	Beryciformes	Berycidae	Centroberyx	affinis	native
Actinopterygii	Beryciformes	Holocentridae	Myripristis	berndti	native
Actinopterygii	Beryciformes	Holocentridae	Pristilepis	oligolepis	native
Actinopterygii	Beryciformes	Monocentridae	Monocentris	japonica	native
Actinopterygii	Beryciformes	Trachichthyidae	Optivus	elongatus	questionable
Actinopterygii	Clupeiformes	Clupeidae	Spratelloides	gracilis	native
Actinopterygii	Clupeiformes	Engraulidae	Engraulis	australis	native
Actinopterygii	Gadiformes	Macrouridae	Coryphaenoides	rudis	native
Actinopterygii	Gadiformes	Macrouridae	Cetonurus	crassiceps	native
Actinopterygii	Gadiformes	Macrouridae	Coelorinchus	kermadecus	native
Actinopterygii	Gadiformes	Macrouridae	Nezumia	coheni	native
Actinopterygii	Gadiformes	Moridae	Lotella	phycis	native
Actinopterygii	Gadiformes	Moridae	Lotella	rhacina	native
Actinopterygii	Gadiformes	Moridae	Physiculus	therosideros	native
Actinopterygii	Gonorynchiformes	Gonorynchidae	Gonorynchus	gonorynchus	native
Actinopterygii	Gonorynchiformes	Gonorynchidae	Gonorynchus	greyi	native
Actinopterygii	Lampriformes	Lampridae	Lampris	guttatus	native
Actinopterygii	Myctophiformes	Myctophidae	Diaphus	kora	native
Actinopterygii	Ophidiiformes	Aphyonidae	Sciadonus	galathea	native
Actinopterygii	Ophidiiformes	Bythitidae	Microbrotula	punicea	native
Actinopterygii	Ophidiiformes	Carapidae	Onuxodon	fowleri	native
Actinopterygii	Ophidiiformes	Carapidae	Echiodon	neotes	native
Actinopterygii	Perciformes	Acanthuridae	Acanthurus	trioestegus	native
Actinopterygii	Perciformes	Acanthuridae	Acanthurus	xanthopterus	native
Actinopterygii	Perciformes	Acanthuridae	Prionurus	maculatus	native
Actinopterygii	Perciformes	Aplodactylidae	Aplodactylus	etheridgii	native
Actinopterygii	Perciformes	Apogonidae	Apogon	kallopterus	native
Actinopterygii	Perciformes	Apogonidae	Apogon	doederleini	native
Actinopterygii	Perciformes	Apogonidae	Apogon	chrysotaenia	questionable
Actinopterygii	Perciformes	Arripidae	Arripis	trutta	native
Actinopterygii	Perciformes	Arripidae	Arripis	xylabion	native
Actinopterygii	Perciformes	Blenniidae	Cirripectes	alboapicalis	native
Actinopterygii	Perciformes	Blenniidae	Cirripectes	castaneus	native
Actinopterygii	Perciformes	Blenniidae	Entomacrodus	caudofasciatus	native

Class	Order	Family	Genus	Species	Status
Actinopterygii	Perciformes	Blenniidae	Entomacrodus	cymatobiotus	native
Actinopterygii	Perciformes	Blenniidae	Entomacrodus	niuafououensis	native
Actinopterygii	Perciformes	Blenniidae	Plagiotremus	rhinorhynchos	native
Actinopterygii	Perciformes	Blenniidae	Plagiotremus	tapeinosoma	native
Actinopterygii	Perciformes	Blenniidae	Parablennius	laticlavus	native
Actinopterygii	Perciformes	Bramidae	Brama	brama	native
Actinopterygii	Perciformes	Bramidae	Taractichthys	longipinnis	questionable
Actinopterygii	Perciformes	Callanthiidae	Callanthias	australis	native
Actinopterygii	Perciformes	Carangidae	Trachurus	declivis	native
Actinopterygii	Perciformes	Carangidae	Seriola	lalandi	native
Actinopterygii	Perciformes	Carangidae	Elagatis	bipinnulata	native
Actinopterygii	Perciformes	Carangidae	Pseudocaranx	dentex	native
Actinopterygii	Perciformes	Carangidae	Seriola	rivoliana	native
Actinopterygii	Perciformes	Carangidae	Decapterus	muroadsi	questionable
Actinopterygii	Perciformes	Carangidae	Decapterus	koheru	stray
Actinopterygii	Perciformes	Centrolophidae	Centrolophus	niger	native
Actinopterygii	Perciformes	Centrolophidae	Schedophilus	maculatus	native
Actinopterygii	Perciformes	Chaetodontidae	Chaetodon	auriga	native
Actinopterygii	Perciformes	Chaetodontidae	Forcipiger	flavissimus	native
Actinopterygii	Perciformes	Chaetodontidae	Heniochus	diphreutes	native
Actinopterygii	Perciformes	Chaetodontidae	Amphichaetodon	howensis	native
Actinopterygii	Perciformes	Cheilodactylidae	Cheilodactylus	vittatus	native
Actinopterygii	Perciformes	Cheilodactylidae	Nemadactylus	douglasii	native
Actinopterygii	Perciformes	Cheilodactylidae	Cheilodactylus	ephippium	native
Actinopterygii	Perciformes	Cheilodactylidae	Cheilodactylus	francisi	native
Actinopterygii	Perciformes	Cheilodactylidae	Cheilodactylus	gibbosus	questionable
Actinopterygii	Perciformes	Chironemidae	Chironemus	microlepis	native
Actinopterygii	Perciformes	Chironemidae	Chironemus	marmoratus	native
Actinopterygii	Perciformes	Cirrhitidae	Cirrhitus	pinnulatus	native
Actinopterygii	Perciformes	Cirrhitidae	Notocirrhitus	splendens	native
Actinopterygii	Perciformes	Creediidae	Limnichthys	fasciatus	native
Actinopterygii	Perciformes	Echeneidae	Remora	remora	native
Actinopterygii	Perciformes	Echeneidae	Echeneis	naucrates	native
Actinopterygii	Perciformes	Gempylidae	Gempylus	serpens	native
Actinopterygii	Perciformes	Gempylidae	Lepidocybium	flavobrunneum	native
Actinopterygii	Perciformes	Gempylidae	Nealotus	tripes	native
Actinopterygii	Perciformes	Gempylidae	Nesiarchus	nasutus	native
Actinopterygii	Perciformes	Gempylidae	Diplospinus	multistriatus	native
Actinopterygii	Perciformes	Gobiidae	Priolepis	psymphilia	native
Actinopterygii	Perciformes	Istiophoridae	Makaira	mazara	native
Actinopterygii	Perciformes	Istiophoridae	Tetrapturus	audax	native
Actinopterygii	Perciformes	Istiophoridae	Tetrapturus	angustirostris	native
Actinopterygii	Perciformes	Kuhliidae	Kuhlia	mulgill	native
Actinopterygii	Perciformes	Kyphosidae	Kyphosus	bigibbus	native
Actinopterygii	Perciformes	Kyphosidae	Atypichthys	latus	native
Actinopterygii	Perciformes	Kyphosidae	Scorpius	violacea	native
Actinopterygii	Perciformes	Kyphosidae	Bathystethus	cultratus	native
Actinopterygii	Perciformes	Kyphosidae	Labracoglossa	nitida	native
Actinopterygii	Perciformes	Kyphosidae	Girella	cyanea	native
Actinopterygii	Perciformes	Kyphosidae	Scorpius	aequipinnis	native
Actinopterygii	Perciformes	Kyphosidae	Girella	fimbriata	native
Actinopterygii	Perciformes	Kyphosidae	Atypichthys	strigatus	native
Actinopterygii	Perciformes	Labridae	Suezichthys	aylingi	native
Actinopterygii	Perciformes	Labridae	Suezichthys	arquatus	native
Actinopterygii	Perciformes	Labridae	Anampses	caeruleopunctatus	native
Actinopterygii	Perciformes	Labridae	Anampses	elegans	native
Actinopterygii	Perciformes	Labridae	Halichoeres	margaritaceus	native
Actinopterygii	Perciformes	Labridae	Thalassoma	trilobatum	native
Actinopterygii	Perciformes	Labridae	Pseudocoris	yamashiroi	native
Actinopterygii	Perciformes	Labridae	Stethojulis	bandanensis	native
Actinopterygii	Perciformes	Labridae	Thalassoma	amblycephalum	native
Actinopterygii	Perciformes	Labridae	Thalassoma	janseni	native
Actinopterygii	Perciformes	Labridae	Thalassoma	lunare	native
Actinopterygii	Perciformes	Labridae	Thalassoma	lutescens	native
Actinopterygii	Perciformes	Labridae	Thalassoma	purpureum	native
Actinopterygii	Perciformes	Labridae	Coris	picta	native
Actinopterygii	Perciformes	Labridae	Coris	sandeyeri	native
Actinopterygii	Perciformes	Labridae	Notolabrus	inscriptus	native
Actinopterygii	Perciformes	Labridae	Pseudolabrus	luculentus	native
Actinopterygii	Perciformes	Labridae	Bodianus	unimaculatus	native

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Class	Order	Family	Genus	Species	Status
Actinopterygii	Perciformes	Labridae	Bodianus	flavifrons	native
Actinopterygii	Perciformes	Labridae	Bodianus	vulpinus	questionable
Actinopterygii	Perciformes	Latridae	Latridopsis	ciliaris	native
Actinopterygii	Perciformes	Lutjanidae	Lutjanus	kasmira	native
Actinopterygii	Perciformes	Lutjanidae	Paracaesio	xanthura	native
Actinopterygii	Perciformes	Mullidae	Mulloidichthys	vanicolensis	native
Actinopterygii	Perciformes	Mullidae	Parupeneus	spilurus	native
Actinopterygii	Perciformes	Mullidae	Upeneus	francisi	native
Actinopterygii	Perciformes	Mullidae	Parupeneus	signatus	native
Actinopterygii	Perciformes	Mullidae	Upeneichthys	lineatus	questionable
Actinopterygii	Perciformes	Pempheridae	Pempheris	analisis	native
Actinopterygii	Perciformes	Pentacerotidae	Evistias	acutirostris	native
Actinopterygii	Perciformes	Polyprionidae	Polyprion	oxygeneios	native
Actinopterygii	Perciformes	Pomacanthidae	Genicanthus	semicinctus	native
Actinopterygii	Perciformes	Pomacentridae	Stegastes	fasciolatus	native
Actinopterygii	Perciformes	Pomacentridae	Chromis	vanderbilti	native
Actinopterygii	Perciformes	Pomacentridae	Chrysiptera	rapanui	native
Actinopterygii	Perciformes	Pomacentridae	Parma	alboscapularis	native
Actinopterygii	Perciformes	Pomacentridae	Parma	kermadecensis	native
Actinopterygii	Perciformes	Pomacentridae	Chromis	dispilus	native
Actinopterygii	Perciformes	Pomacentridae	Chromis	fumea	questionable
Actinopterygii	Perciformes	Scaridae	Leptoscarus	vaigiensis	questionable
Actinopterygii	Perciformes	Scaridae	Scarus	rivulatus	questionable
Actinopterygii	Perciformes	Scombridae	Allothunnus	fallai	native
Actinopterygii	Perciformes	Scombridae	Acanthocybium	solandri	native
Actinopterygii	Perciformes	Scombridae	Katsuwonus	pelamis	native
Actinopterygii	Perciformes	Scombridae	Thunnus	alalunga	native
Actinopterygii	Perciformes	Scombridae	Thunnus	alalunga	native
Actinopterygii	Perciformes	Scombridae	Thunnus	alalunga	native
Actinopterygii	Perciformes	Scombridae	Thunnus	albacares	native
Actinopterygii	Perciformes	Scombridae	Thunnus	maccoyii	native
Actinopterygii	Perciformes	Scombridae	Thunnus	obesus	native
Actinopterygii	Perciformes	Scombridae	Thunnus	obesus	native
Actinopterygii	Perciformes	Serranidae	Grammistes	sexlineatus	native
Actinopterygii	Perciformes	Serranidae	Epinephelus	daemeli	native
Actinopterygii	Perciformes	Serranidae	Hyporthodus	octofasciatus	native
Actinopterygii	Perciformes	Serranidae	Aulacocephalus	temminckii	native
Actinopterygii	Perciformes	Serranidae	Caprion	longimanus	native
Actinopterygii	Perciformes	Serranidae	Acanthistius	cinctus	native
Actinopterygii	Perciformes	Serranidae	Trachypoma	macracanthus	native
Actinopterygii	Perciformes	Serranidae	Plectranthias	bilaticlavia	native
Actinopterygii	Perciformes	Sphyraenidae	Sphyraena	acutipinnis	native
Actinopterygii	Perciformes	Tripterygiidae	Enneapterygius	kermadecensis	endemic
Actinopterygii	Perciformes	Zanclidae	Zanclus	cornutus	native
Actinopterygii	Perciformes	Zoarcidae	Pyrolycus	moelleri	native
Actinopterygii	Pleuronectiformes	Bothidae	Lophonectes	gallus	native
Actinopterygii	Pleuronectiformes	Bothidae	Engyprosopon	raulensis	native
Actinopterygii	Pleuronectiformes	Cynoglossidae	Symphurus	thermophilus	native
Actinopterygii	Pleuronectiformes	Soleidae	Aseraggodes	bahamondei	native
Actinopterygii	Scorpaeniformes	Aploactinidae	Cocotropus	altipinnis	native
Actinopterygii	Scorpaeniformes	Liparidae	Notoliparis	kermadecensis	native
Actinopterygii	Scorpaeniformes	Neosebastidae	Maxillicosta	raulensis	native
Actinopterygii	Scorpaeniformes	Scorpaenidae	Pterois	antennata	native
Actinopterygii	Scorpaeniformes	Scorpaenidae	Pterois	volitans	native
Actinopterygii	Scorpaeniformes	Scorpaenidae	Scorpaenodes	scaber	native
Actinopterygii	Scorpaeniformes	Scorpaenidae	Scorpaena	cookii	native
Actinopterygii	Scorpaeniformes	Tetrarogidae	Ocosia	apia	native
Actinopterygii	Scorpaeniformes	Triglidae	Lepidotrigla	robinsi	endemic
Actinopterygii	Scorpaeniformes	Triglidae	Lepidotrigla	brachyoptera	native
Actinopterygii	Siluriformes	Plotosidae	Plotosus	lineatus	native
Actinopterygii	Syngnathiformes	Aulostomidae	Aulostomus	chinensis	native
Actinopterygii	Syngnathiformes	Fistulariidae	Fistularia	commersonii	native
Actinopterygii	Tetraodontiformes	Balistidae	Rhinecanthus	rectangulus	native
Actinopterygii	Tetraodontiformes	Diodontidae	Diodon	hystrix	native
Actinopterygii	Tetraodontiformes	Molidae	Mola	mola	native
Actinopterygii	Tetraodontiformes	Molidae	Ranzania	laevis	native
Actinopterygii	Tetraodontiformes	Monacanthidae	Meuschenia	scaber	native
Actinopterygii	Tetraodontiformes	Monacanthidae	Brachaluteres	taylori	native
Actinopterygii	Tetraodontiformes	Monacanthidae	Thamnaconus	analisis	native
Actinopterygii	Tetraodontiformes	Ostraciidae	Lactoria	diaphana	native

Class	Order	Family	Genus	Species	Status
Actinopterygii	Tetraodontiformes	Ostraciidae	Ostracion	cubicus	native
Actinopterygii	Tetraodontiformes	Tetraodontidae	Canthigaster	rivulata	native
Actinopterygii	Tetraodontiformes	Tetraodontidae	Canthigaster	callisterna	native
Actinopterygii	Tetraodontiformes	Tetraodontidae	Torquigener	altipinnis	native
Actinopterygii	Tetraodontiformes	Tetraodontidae	Takifugu	oblongus	questionable
Elasmobranchii	Carcharhiniformes	Carcharhinidae	Carcharhinus	amblyrhynchos	native
Elasmobranchii	Carcharhiniformes	Carcharhinidae	Carcharhinus	brachyurus	native
Elasmobranchii	Carcharhiniformes	Carcharhinidae	Carcharhinus	brachyurus	native
Elasmobranchii	Carcharhiniformes	Carcharhinidae	Carcharhinus	galapagensis	native
Elasmobranchii	Carcharhiniformes	Carcharhinidae	Carcharhinus	longimanus	native
Elasmobranchii	Carcharhiniformes	Carcharhinidae	Galeocerdo	cuvier	native
Elasmobranchii	Carcharhiniformes	Carcharhinidae	Prionace	glauca	native
Elasmobranchii	Carcharhiniformes	Sphyrnidae	Sphyrna	zygaena	native
Elasmobranchii	Carcharhiniformes	Triakidae	Mustelus	lenticulatus	native
Elasmobranchii	Lamniformes	Alopiidae	Alopias	superciliosus	native
Elasmobranchii	Lamniformes	Alopiidae	Alopias	vulpinus	native
Elasmobranchii	Lamniformes	Lamnidae	Lamna	nasus	native
Elasmobranchii	Lamniformes	Lamnidae	Lamna	nasus	native
Elasmobranchii	Lamniformes	Lamnidae	Lamna	nasus	native
Elasmobranchii	Lamniformes	Lamnidae	Lamna	nasus	native
Elasmobranchii	Lamniformes	Lamnidae	Isurus	oxyrinchus	native
Elasmobranchii	Lamniformes	Odontaspidae	Odontaspis	ferox	native
Elasmobranchii	Lamniformes	Odontaspidae	Odontaspis	ferox	native
Elasmobranchii	Rajiformes	Dasyatidae	Pteroplatytrygon	violacea	native
Elasmobranchii	Rajiformes	Dasyatidae	Dasyatis	brevicaudata	native
Elasmobranchii	Rajiformes	Myliobatidae	Mobula	japanica	native
Elasmobranchii	Rajiformes	Myliobatidae	Myliobatis	tenuicaudatus	native
Elasmobranchii	Squaliformes	Dalatiidae	Isistius	brasiliensis	native
Elasmobranchii	Squaliformes	Squalidae	Squalus	griffini	native
Holocephali	Chimaeriformes	Chimaeridae	Chimaera	panthera	native

APPENDIX A2: SPECIES OF THE KERMADEC ISLANDS IN SEALIFEBASE

Class	Order	Family	Genus	Species	Status
Anthozoa	Actiniaria	Galatheanthemidae	Galatheanthemum	profundale	native
Anthozoa	Actiniaria	Metridiidae	Metridium	canum	native
Anthozoa	Alcyonacea	Chrysogorgiidae	Pseudochrysogorgia	bellona	native
Anthozoa	Alcyonacea	Primnoidae	Primnoella	krampi	native
Anthozoa	Alcyonacea	Primnoidae	Thouarella	moseleyi	native
Anthozoa	Scleractinia	Acroporidae	Montipora	caliculata	native
Anthozoa	Scleractinia	Acroporidae	Montipora	capricornis	native
Anthozoa	Scleractinia	Acroporidae	Montipora	spongodes	native
Anthozoa	Scleractinia	Agariciidae	Leptoseris	scabra	native
Anthozoa	Scleractinia	Agariciidae	Pavona	explanulata	native
Anthozoa	Scleractinia	Anthemiphyllidae	Anthemiphyllia	macrolobata	native
Anthozoa	Scleractinia	Caryophyllidae	Caryophyllia	lamellifera	native
Anthozoa	Scleractinia	Caryophyllidae	Coenocyathus	brooki	native
Anthozoa	Scleractinia	Caryophyllidae	Rhizosmilia	maculata	native
Anthozoa	Scleractinia	Dendrophyllidae	Cladopsammia	eguchii	native
Anthozoa	Scleractinia	Dendrophyllidae	Dendrophyllia	ijimai	native
Anthozoa	Scleractinia	Dendrophyllidae	Rhizopsammia	verrilli	native
Anthozoa	Scleractinia	Dendrophyllidae	Tubastraea	coccinea	native
Anthozoa	Scleractinia	Dendrophyllidae	Tubastraea	diaphana	native
Anthozoa	Scleractinia	Dendrophyllidae	Turbinaria	crater	native
Anthozoa	Scleractinia	Dendrophyllidae	Turbinaria	frondens	native
Anthozoa	Scleractinia	Dendrophyllidae	Turbinaria	radicalis	native
Anthozoa	Scleractinia	Faviidae	Cyphastrea	serailia	native
Anthozoa	Scleractinia	Faviidae	Goniastrea	australensis	native
Anthozoa	Scleractinia	Faviidae	Goniastrea	favulus	native
Anthozoa	Scleractinia	Faviidae	Leptastrea	bewickensis	native
Anthozoa	Scleractinia	Faviidae	Montastraea	curta	native
Anthozoa	Scleractinia	Faviidae	Plesiastrea	versipora	native
Anthozoa	Scleractinia	Fungiidae	Cycloseris	vaughani	native
Anthozoa	Scleractinia	Merulinidae	Hydnophora	pilosa	native
Anthozoa	Scleractinia	Mussidae	Cynarina	lacrymalis	native
Anthozoa	Scleractinia	Pocilloporidae	Pocillopora	damicornis	native
Anthozoa	Scleractinia	Poritidae	Alveopora	spongiosa	native
Anthozoa	Scleractinia	Rhizangiidae	Culicia	rubeola	native
Anthozoa	Scleractinia	Siderastreidae	Coscinaraea	columna	native
Anthozoa	Scleractinia	Siderastreidae	Psammocora	haimiana	native
Anthozoa	Zoanthidea	Epizoanthidae	Epizoanthus	oliveri	native
Anthozoa	Zoanthidea	Epizoanthidae	Isaurus	tuberculatus	native
Anthozoa	Zoanthidea	Zoanthidae	Zoanthus	atroviridis	native
Articulata	Terebratulida	Thecidellinidae	Thecidellina	maxilla	native
Ascidacea	Pleurogona	Molgulidae	Molguloides	monocarpa	native
Ascidacea	Pleurogona	Pyruridae	Culeolus	anonymus	native
Ascidacea	Pleurogona	Styelidae	Cnemidocarpa	bythia	native
Asteroidea	Brisingida	Brisingidae	Freyella	mortenseni	native
Asteroidea	Brisingida	Brisingidae	Freyellaster	polycnema	native
Asteroidea	Forcipulatida	Asteriidae	Astrostole	rodolphi	endemic
Asteroidea	Forcipulatida	Asteriidae	Coscinasterias	edmondi	native
Asteroidea	Paxillosida	Astropectinidae	Astropecten	polyacanthus	native
Asteroidea	Paxillosida	Porcellanasteridae	Eremicaster	pacificus	native
Asteroidea	Spinulosida	Acanthasteridae	Acanthaster	planci	native
Asteroidea	Spinulosida	Asterinidae	Patiriella	oliveri	native
Asteroidea	Spinulosida	Echinasteridae	Henricia	sufflata	native
Asteroidea	Spinulosida	Solasteridae	Solaster	torulatus	endemic
Asteroidea	Valvatida	Asteropseidae	Asteropsis	carinifera	questionable
Asteroidea	Valvatida	Asteropseidae	Asteropsis	lissoterga	native
Asteroidea	Valvatida	Asteropseidae	Petricia	imperialis	native
Asteroidea	Valvatida	Ophidiasteridae	Ophidiaster	kermadecensis	native
Aves	Ciconiiformes	Fregatidae	Fregata	minor	native
Aves	Ciconiiformes	Laridae	Anous	minutus	native
Aves	Ciconiiformes	Laridae	Anous	stolidus	native
Aves	Ciconiiformes	Laridae	Gygis	alba	native
Aves	Ciconiiformes	Laridae	Hydroprogne	caspia	native
Aves	Ciconiiformes	Laridae	Larus	scopulinus	stray
Aves	Ciconiiformes	Laridae	Onychoprion	fuscatus	native
Aves	Ciconiiformes	Laridae	Procelsterna	cerulea	native
Aves	Ciconiiformes	Laridae	Thalasseus	bergii	native

Class	Order	Family	Genus	Species	Status
Aves	Ciconiiformes	Phaethontidae	Phaethon	rubricauda	native
Aves	Ciconiiformes	Procellariidae	Daption	capense	native
Aves	Ciconiiformes	Procellariidae	Halobaena	caerulea	native
Aves	Ciconiiformes	Procellariidae	Pachyptila	belcheri	native
Aves	Ciconiiformes	Procellariidae	Pachyptila	desolata	native
Aves	Ciconiiformes	Procellariidae	Pterodroma	alba	questionable
Aves	Ciconiiformes	Procellariidae	Pterodroma	cervicalis	native
Aves	Ciconiiformes	Procellariidae	Pterodroma	cookii	native
Aves	Ciconiiformes	Procellariidae	Pterodroma	macroptera	native
Aves	Ciconiiformes	Procellariidae	Pterodroma	neglecta	native
Aves	Ciconiiformes	Procellariidae	Pterodroma	nigripennis	native
Aves	Ciconiiformes	Procellariidae	Puffinus	assimilis	endemic
Aves	Ciconiiformes	Procellariidae	Puffinus	carneipes	native
Aves	Ciconiiformes	Procellariidae	Puffinus	griseus	native
Aves	Ciconiiformes	Procellariidae	Puffinus	nativitatis	native
Aves	Ciconiiformes	Procellariidae	Puffinus	pacificus	native
Aves	Ciconiiformes	Procellariidae	Puffinus	tenuirostris	native
Aves	Ciconiiformes	Scolopacidae	Calidris	acuminata	native
Aves	Ciconiiformes	Scolopacidae	Calidris	canutus	native
Aves	Ciconiiformes	Sulidae	Morus	serrator	native
Aves	Ciconiiformes	Sulidae	Sula	dactylatra	native
Aves	Procellariiformes	Diomedeidae	Diomedea	exulans	native
Aves	Procellariiformes	Diomedeidae	Thalassarche	bulleri	native
Aves	Procellariiformes	Diomedeidae	Thalassarche	melanophris	native
Aves	Procellariiformes	Hydrobatidae	Fregetta	grallaria	native
Aves	Procellariiformes	Hydrobatidae	Pelagodroma	marina	native
Bicosoecophyceae	Bicosoecales	Boodleaceae	Boodlea	composita	native
Bivalvia	Arcoida	Arcidae	Arca	reticulata	native
Bivalvia	Arcoida	Arcidae	Barbatia	alia	native
Bivalvia	Arcoida	Arcidae	Barbatia	decussata	native
Bivalvia	Arcoida	Arcidae	Barbatia	foliata	native
Bivalvia	Arcoida	Arcidae	Barbatia	plicata	native
Bivalvia	Arcoida	Phylobryidae	Cosa	costata	native
Bivalvia	Arcoida	Phylobryidae	Philobrya	meleagrina	native
Bivalvia	Limoida	Limidae	Acesta	saginata	native
Bivalvia	Limoida	Limidae	Divarilima	sydneyensis	native
Bivalvia	Limoida	Limidae	Limatula	acherontis	native
Bivalvia	Limoida	Limidae	Limatula	bullata	native
Bivalvia	Limoida	Limidae	Limatula	insularis	endemic
Bivalvia	Limoida	Limidae	Limatula	oliveri	native
Bivalvia	Limoida	Limidae	Limatula	raoulica	native
Bivalvia	Limoida	Limidae	Limatula	spinulosa	native
Bivalvia	Myoida	Gastrochaenidae	Gastrochaena	retzii	native
Bivalvia	Myoida	Hiatellidae	Hiatella	arctica	native
Bivalvia	Myoida	Pholadidae	Xylophaga	hadalis	native
Bivalvia	Myoida	Teredinidae	Nausitora	aurita	native
Bivalvia	Myoida	Teredinidae	Uperotus	clava	native
Bivalvia	Mytiloida	Mytilidae	Gregariella	barbata	native
Bivalvia	Mytiloida	Mytilidae	Lithophaga	straminea	native
Bivalvia	Mytiloida	Mytilidae	Modiolus	auriculatus	native
Bivalvia	Mytiloida	Mytilidae	Musculus	impactus	native
Bivalvia	Mytiloida	Mytilidae	Mytilus	desolationis	native
Bivalvia	Mytiloida	Mytilidae	Septifer	bilocularis	native
Bivalvia	Mytiloida	Mytilidae	Vulcanidas	insolatus	native
Bivalvia	Nuculoida	Mallettiidae	Katadesmia	cuneata	native
Bivalvia	Nuculoida	Neilonellidae	Neilonella	hadalis	native
Bivalvia	Nuculoida	Neilonellidae	Neilonella	kermadecensis	native
Bivalvia	Nuculoida	Nuculanidae	Bathyspinula	calcar	native
Bivalvia	Nuculoida	Nuculanidae	Bathyspinula	kermadecensis	native
Bivalvia	Nuculoida	Nuculanidae	Ledella	kermadecensis	native
Bivalvia	Nuculoida	Nuculanidae	Yoldia	kermadecensis	native
Bivalvia	Nuculoida	Nuculidae	Pronucula	kermadecensis	native
Bivalvia	Nuculoida	Phaseolidae	Phaseolus	faba	native
Bivalvia	Ostreoida	Anomiidae	Monia	zelandica	native
Bivalvia	Ostreoida	Pectinidae	Annachlamys	iredalei	native
Bivalvia	Ostreoida	Pectinidae	Chlamys	coruscans	native
Bivalvia	Ostreoida	Pectinidae	Cryptopecten	bullatus	native
Bivalvia	Ostreoida	Pectinidae	Hyalopecten	hadalis	native
Bivalvia	Ostreoida	Pectinidae	Mimachlamys	sanguinea	native

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Class	Order	Family	Genus	Species	Status
Bivalvia	Ostreoida	Pectinidae	Pecten	fumatus	native
Bivalvia	Ostreoida	Pectinidae	Pecten	raoulensis	endemic
Bivalvia	Ostreoida	Pectinidae	Semipallium	coruscans	native
Bivalvia	Ostreoida	Propeamussidae	Cyclopecten	horridus	native
Bivalvia	Ostreoida	Propeamussidae	Cyclopecten	kapalae	native
Bivalvia	Ostreoida	Propeamussidae	Cyclopecten	kermadecensis	native
Bivalvia	Ostreoida	Propeamussidae	Parvamussium	retiaculum	native
Bivalvia	Ostreoida	Propeamussidae	Propeamussium	maorium	native
Bivalvia	Ostreoida	Propeamussidae	Propeamussium	sibogai	native
Bivalvia	Ostreoida	Spondylidae	Spondylus	ostreoides	native
Bivalvia	Ostreoida	Spondylidae	Spondylus	raoulensis	endemic
Bivalvia	Pholadomyoidea	Cuspidariidae	Rhinoclama	brookii	native
Bivalvia	Pholadomyoidea	Cuspidariidae	Rhinoclama	raoulensis	native
Bivalvia	Pterioidea	Isognomonidae	Isognomon	nucleus	native
Bivalvia	Pterioidea	Malleidae	Malleus	legumen	native
Bivalvia	Pterioidea	Pinnidae	Streptopinna	saccata	native
Bivalvia	Pterioidea	Propeamussiidae	Cyclochlamys	lemchei	native
Bivalvia	Pterioidea	Propeamussiidae	Parvamussium	cristatellum	native
Bivalvia	Pterioidea	Propeamussiidae	Parvamussium	squalidulum	native
Bivalvia	Pterioidea	Propeamussiidae	Propeamussium	investigatoris	native
Bivalvia	Pterioidea	Pteriidae	Pinctada	imbricata	native
Bivalvia	Pterioidea	Pteriidae	Pinctada	maculata	native
Bivalvia	Pterioidea	Pteriidae	Pteria	avicula	native
Bivalvia	Pterioidea	Pulvinitidae	Pulvinites	exemplus	native
Bivalvia	Veneroidea	Cardiidae	Acrosterigma	sorenseni	native
Bivalvia	Veneroidea	Cardiidae	Nemocardium	pulchellum	native
Bivalvia	Veneroidea	Chamidae	Chama	pacifica	native
Bivalvia	Veneroidea	Chamidae	Chama	savignyi	native
Bivalvia	Veneroidea	Crassatellidae	Talabrica	iredalei	endemic
Bivalvia	Veneroidea	Galeommatidae	Scintilla	stevensoni	native
Bivalvia	Veneroidea	Kelliellidae	Kelliella	bruuni	native
Bivalvia	Veneroidea	Lucinidae	Bathyaustriella	thionipta	native
Bivalvia	Veneroidea	Lucinidae	Ctena	bella	native
Bivalvia	Veneroidea	Mactridae	Lutraria	bruuni	native
Bivalvia	Veneroidea	Mactridae	Lutraria	magna	native
Bivalvia	Veneroidea	Mactridae	Oxyperas	belliana	endemic
Bivalvia	Veneroidea	Neoleptonidae	Neolepton	antipodum	native
Bivalvia	Veneroidea	Psammobiidae	Gari	galathea	native
Bivalvia	Veneroidea	Psammobiidae	Gari	pusilla	native
Bivalvia	Veneroidea	Psammobiidae	Heteroglypta	contraria	native
Bivalvia	Veneroidea	Semelidae	Ervilia	bisculpta	native
Bivalvia	Veneroidea	Semelidae	Ervilia	sandwichensis	native
Bivalvia	Veneroidea	Tellinidae	Agnomyxax	nana	native
Bivalvia	Veneroidea	Tellinidae	Tellina	radians	native
Bivalvia	Veneroidea	Tellinidae	Tellinella	radians	native
Bivalvia	Veneroidea	Veneridae	Globivenus	toreuma	native
Bryopsidophyceae	Bryopsidales	Caulerpaceae	Caulerpa	racemosa	native
Bryopsidophyceae	Bryopsidales	Caulerpaceae	Caulerpa	uvifera f.	native
				intermedia	
Bryopsidophyceae	Bryopsidales	Caulerpaceae	Caulerpa	webbiana	native
Bryopsidophyceae	Bryopsidales	Codiaceae	Codium	arabicum	native
Bryopsidophyceae	Bryopsidales	Codiaceae	Codium	dichotomum	native
Bryopsidophyceae	Bryopsidales	Codiaceae	Codium	geppiorum	native
Bryopsidophyceae	Bryopsidales	Codiaceae	Codium	spongiosum	native
Bryopsidophyceae	Bryopsidales	Codiaceae	Codium	tomentosum	native
Cephalopoda	Nautilida	Nautilidae	Nautilus	macromphalus	native
Cephalopoda	Nautilida	Nautilidae	Nautilus	pompilius	native
Cephalopoda	Octopoda	Amphitretidae	Amphitretus	pelagicus	native
Cephalopoda	Octopoda	Argonautidae	Argonauta	argo	native
Cephalopoda	Octopoda	Argonautidae	Argonauta	nodosa	native
Cephalopoda	Octopoda	Grimpoteuthidae	Grimpoteuthis	meangensis	native
Cephalopoda	Octopoda	Octopodidae	Callistoctopus	kermadecensis	endemic
Cephalopoda	Octopoda	Octopodidae	Graneledone	challengeri	native
Cephalopoda	Octopoda	Octopodidae	Graneledone	verrucosa	native
Cephalopoda	Octopoda	Octopodidae	Octopus	oliveri	endemic
Cephalopoda	Octopoda	Octopodidae	Pinnoctopus	kermadecensis	endemic
Cephalopoda	Spirulida	Spirulidae	Spirula	spirula	native
Cephalopoda	Teuthida	Cranchiidae	Liguriella	pardus	native
Cephalopoda	Teuthida	Enoploteuthidae	Abralia	astrolineata	native

Class	Order	Family	Genus	Species	Status
Cephalopoda	Teuthida	Enoploteuthidae	Abraliopsis	hoylei	native
Cephalopoda	Teuthida	Lycoteuthidae	Lampadioteuthis	megaleia	native
Cephalopoda	Teuthida	Lycoteuthidae	Nematolampas	regalis	endemic
Cephalopoda	Teuthida	Ommastrephidae	Ommastrephes	bartramii	native
Cephalopoda	Teuthida	Ommastrephidae	Sthenoteuthis	oualaniensis	native
Cephalopoda	Teuthida	Onychoteuthidae	Onychoteuthis	banksii	native
Cephalopoda	Teuthida	Pyroteuthidae	Pyroteuthis	serrata	native
Chlorophyceae	Tetrasporales	Palmellopsidaceae	Palmophyllum	umbracola	native
Crinoidea	Comatulida	Antedonidae	Thaumatometra	alternata	native
Crinoidea	Comatulida	Charitometridae	Charitometra	basicurva	endemic
Crinoidea	Comatulida	Charitometridae	Charitometra	incisa	endemic
Crinoidea	Comatulida	Charitometridae	Glyptometra	inaequalis	endemic
Crinoidea	Comatulida	Charitometridae	Monachometra	kermadecensis	native
Crinoidea	Comatulida	Comasteridae	Comanthoides	gillstromi	native
Crinoidea	Comatulida	Comasteridae	Palaeocomatella	hiwia	native
Crinoidea	Comatulida	Thalassometridae	Aglaometra	valida	endemic
Crinoidea	Comatulida	Thalassometridae	Stiremetra	breviradia	endemic
Crinoidea	Comatulida	Thalassometridae	Thalassometra	echinata	endemic
Crinoidea	Comatulida	Tropiometridae	Tropiometra	afra	native
Crinoidea	Isocrinida	Isselocrinidae	Endoxocrinus	alternicirrus	native
Crinoidea	Millericrinida	Isocrinidae	Diplocrinus	alternicirrus	native
Crinoidea	Millericrinida	Isocrinidae	Hypalocrinus	naresianus	native
Crinoidea	Millericrinida	Isocrinidae	Metacrinus	nodosus	native
Crinoidea	Millericrinida	Isocrinidae	Metacrinus	wywillii	endemic
Crinoidea	Millericrinida	Isocrinidae	Saracrinus	varians	endemic
Demospongiae	Hadromerida	Tethyidae	Tethya	aurantium	native
Demospongiae	Haplosclerida	Callyspongiidae	Callyspongia	fistulosa	native
Demospongiae	Haplosclerida	Callyspongiidae	Callyspongia	oliveri	native
Demospongiae	Haplosclerida	Chalinidae	Haliclona	reversa	native
Demospongiae	Lithistida	Neopeltidae	Neopelta	pulvinus	native
Demospongiae	Poecilosclerida	Cladorhizidae	Abyssocladia	bruuni	native
Demospongiae	Poecilosclerida	Cladorhizidae	Abyssocladia	carcharias	native
Demospongiae	Poecilosclerida	Coelosphaeridae	Lissodendoryx	frondosa	native
Demospongiae	Poecilosclerida	Microcionidae	Clathria	intermedia	native
Demospongiae	Poecilosclerida	Raspailiidae	Raspailia	rubrum	native
Echinoidea	Camarodonta	Trigonocidaridae	Trigonocidaris	monolini	native
Echinoidea	Camarodonta	Trigonocidaridae	Trigonocidaris	radiata	native
Echinoidea	Cidaroida	Cidaridae	Phyllacanthus	dubius	native
Echinoidea	Cidaroida	Cidaridae	Phyllacanthus	imperialis	native
Echinoidea	Cidaroida	Cidaridae	Phyllacanthus	parvispinus	native
Echinoidea	Clypeasteroida	Clypeasteridae	Clypeaster	australasiae	native
Echinoidea	Clypeasteroida	Echinocyamidae	Mortonia	australis	native
Echinoidea	Clypeasteroida	Echinocyamidae	Mortonia	polyporus	native
Echinoidea	Clypeasteroida	Laganidae	Jacksonaster	depressum	native
Echinoidea	Clypeasteroida	Laganidae	Peronella	hinemoae	native
Echinoidea	Diadematoidea	Aspidodiadematae	Aspidodiadema	tonsum	native
Echinoidea	Diadematoidea	Diadematae	Centrostephanus	rogersii	native
Echinoidea	Echinoida	Echinidae	Echinus	acutus	native
Echinoidea	Echinoida	Echinidae	Echinus	multidentatus	native
Echinoidea	Echinoida	Echinometridae	Echinometra	mathaei	native
Echinoidea	Echinoida	Echinometridae	Evechinus	chloroticus	native
Echinoidea	Echinoida	Echinometridae	Heliocidaris	tuberculata	native
Echinoidea	Echinothurioida	Echinothuriidae	Phormosoma	rigidum	endemic
Echinoidea	Holcypoida	Echinoneidae	Echinoneus	cyclostomus	native
Echinoidea	Salenioida	Saleniidae	Salenia	hastigera	native
Echinoidea	Salenioida	Saleniidae	Salenocidaris	brachygnatha	native
Echinoidea	Spatangoida	Brissidae	Brissus	latecarinatus	native
Echinoidea	Spatangoida	Brissidae	Metalia	kermadecensis	native
Echinoidea	Temnopleuroidea	Toxopneustidae	Tripneustes	gratilla	native
Florideophyceae	Bonnemaisoniales	Bonnemaisoniaceae	Asparagopsis	taxiformis	native
Florideophyceae	Bonnemaisoniales	Bonnemaisoniaceae	Delisea	pulchra	native
Florideophyceae	Ceramiales	Ceramiaceae	Spongoclonium	brownianum	native
Florideophyceae	Ceramiales	Delesseriaceae	Acrosorium	decumbens	native
Florideophyceae	Ceramiales	Delesseriaceae	Martensia	elegans	native
Florideophyceae	Ceramiales	Delesseriaceae	Martensia	fragilis	native
Florideophyceae	Ceramiales	Rhodomelaceae	Dasyclonium	incisum	native
Florideophyceae	Ceramiales	Rhodomelaceae	Laurencia	brongniartii	native
Florideophyceae	Corallinales	Corallinaceae	Amphiroa	anceps	native
Florideophyceae	Corallinales	Corallinaceae	Corallina	officinalis	native

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Florideophyceae	Corallinales	Corallinaceae	Jania	cultrata	native
Florideophyceae	Corallinales	Corallinaceae	Jania	rosea	native
Florideophyceae	Gelidiales	Gelidiaceae	Gelidium	longipes	native
Florideophyceae	Gelidiales	Gelidiaceae	Pterocladia	capillacea	native
Florideophyceae	Gigartinales	Peyssonneliaceae	Peyssonnelia	rubra	native
Florideophyceae	Gracilariales	Gracilariaceae	Gracilariopsis	longissima	native
Florideophyceae	Nemaliales	Galaxauraceae	Dichotomaria	marginata	native
Florideophyceae	Plocamiales	Plocamiaceae	Plocamium	brachiocarpum	native
Florideophyceae	Plocamiales	Plocamiaceae	Plocamium	hamatum	native
Gastropoda	Anaspidea	Aplysiidae	Aplysia	dactylomela	native
Gastropoda	Anaspidea	Aplysiidae	Aplysia	extraordinaria	native
Gastropoda	Anaspidea	Aplysiidae	Aplysia	parvula	native
Gastropoda	Anaspidea	Notarchidae	Dolabrifera	brazieri	native
Gastropoda	Archaeogastropoda	Calliostomatidae	Calliostoma	consobrinum	endemic
Gastropoda	Archaeogastropoda	Calliostomatidae	Calliostoma	gendalli	native
Gastropoda	Archaeogastropoda	Calliostomatidae	Calliostoma	simplex	questionable
Gastropoda	Archaeogastropoda	Calliostomatidae	Calliostoma	tosaense	native
Gastropoda	Archaeogastropoda	Cyclostrematidae	Brookula	stibarochila	endemic
Gastropoda	Archaeogastropoda	Nacellidae	Cellana	craticulata	endemic
Gastropoda	Archaeogastropoda	Patellidae	Patella	kermadecensis	endemic
Gastropoda	Archaeogastropoda	Scissurellidae	Sinezona	pacifica	endemic
Gastropoda	Archaeogastropoda	Skeneidae	Philorene	texturata	endemic
Gastropoda	Archaeogastropoda	Trochidae	Calliotropis	acherontis	native
Gastropoda	Archaeogastropoda	Trochidae	Calliotropis	blacki	native
Gastropoda	Archaeogastropoda	Trochidae	Calliotropis	crystalophora	native
Gastropoda	Archaeogastropoda	Trochidae	Calliotropis	delli	native
Gastropoda	Archaeogastropoda	Trochidae	Calliotropis	eucheloides	native
Gastropoda	Archaeogastropoda	Trochidae	Calliotropis	infundibulum	native
Gastropoda	Archaeogastropoda	Trochidae	Calliotropis	powelli	native
Gastropoda	Archaeogastropoda	Trochidae	Clanculus	atypicus	endemic
Gastropoda	Archaeogastropoda	Trochidae	Clanculus	persica	native
Gastropoda	Archaeogastropoda	Trochidae	Clanculus	stigmatarius	questionable
Gastropoda	Archaeogastropoda	Trochidae	Euchelus	pruinus	native
Gastropoda	Archaeogastropoda	Trochidae	Infundibulum	calcaratum	native
Gastropoda	Archaeogastropoda	Trochidae	Monilea	incerta	endemic
Gastropoda	Archaeogastropoda	Trochidae	Solarrella	hurleyi	native
Gastropoda	Archaeogastropoda	Trochidae	Stomatella	oliveri	endemic
Gastropoda	Archaeogastropoda	Trochidae	Tectus	royanus	endemic
Gastropoda	Archaeogastropoda	Trochidae	Trochus	maculatus	native
Gastropoda	Basommatophora	Siphonariidae	Siphonaria	atra	native
Gastropoda	Basommatophora	Siphonariidae	Siphonaria	diemenensis	endemic
Gastropoda	Basommatophora	Siphonariidae	Siphonaria	raoulensis	endemic
Gastropoda	Basommatophora	Siphonariidae	Williamia	radiata	native
Gastropoda	Basommatophora	Trimusculidae	Gadinea	conica	native
Gastropoda	Cephalaspidea	Aplustridae	Hydatina	physis	native
Gastropoda	Cephalaspidea	Aplustridae	Micromelo	undatus	native
Gastropoda	Cephalaspidea	Bullidae	Bulla	mabillei	native
Gastropoda	Cephalaspidea	Bullinidae	Bullina	lineata	native
Gastropoda	Cephalaspidea	Bullinidae	Bullina	vitrea	native
Gastropoda	Cephalaspidea	Cylichnidae	Cylichna	thetidis	native
Gastropoda	Cephalaspidea	Cylichnidae	Tornatina	apicina	native
Gastropoda	Gymnosomata	Hydromylidae	Hydromyles	globulosus	native
Gastropoda	Heterostropha	Acteonidae	Acteon	flammeus	native
Gastropoda	Heterostropha	Acteonidae	Acteon	variegatus	native
Gastropoda	Heterostropha	Acteonidae	Pupa	sulcata	native
Gastropoda	Heterostropha	Architectonicidae	Architectonica	gothica	native
Gastropoda	Heterostropha	Architectonicidae	Heliacus	implexus	native
Gastropoda	Heterostropha	Architectonicidae	Heliacus	variegatus	native
Gastropoda	Heterostropha	Architectonicidae	Psilaxis	oxytropis	native
Gastropoda	Heterostropha	Architectonicidae	Psilaxis	radiatus	native
Gastropoda	Heterostropha	Pyramidellidae	Chrysallida	insularis	endemic
Gastropoda	Heterostropha	Pyramidellidae	Miralda	austropacifica	native
Gastropoda	Heterostropha	Pyramidellidae	Odostomella	metata	native
Gastropoda	Heterostropha	Pyramidellidae	Odostomia	clara	native
Gastropoda	Heterostropha	Pyramidellidae	Otopleura	mitralis	native
Gastropoda	Heterostropha	Pyramidellidae	Pyramidella	sulcata	native
Gastropoda	Heterostropha	Pyramidellidae	Pyramidella	terebelloides	native
Gastropoda	Heterostropha	Pyramidellidae	Pyramidella	terebellum	native
Gastropoda	Heterostropha	Pyramidellidae	Pyrgulina	scripta	endemic

Class	Order	Family	Genus	Species	Status
Gastropoda	Heterostropha	Pyramidellidae	Raoulostraca	inexpectata	native
Gastropoda	Heterostropha	Pyramidellidae	Tropaeas	livida	native
Gastropoda	Heterostropha	Pyramidellidae	Turbonilla	oceanica	endemic
Gastropoda	Heterostropha	Rissoellidae	Rissoella	secunda	native
Gastropoda	Mesogastropoda	Eatoniellidae	Eatoniella	iredalei	endemic
Gastropoda	Neogastropoda	Buccinidae	Cantharus	iostomus	native
Gastropoda	Neogastropoda	Buccinidae	Enginella	spica	native
Gastropoda	Neogastropoda	Buccinidae	Phos	textilis	native
Gastropoda	Neogastropoda	Buccinidae	Pisania	hedleyi	endemic
Gastropoda	Neogastropoda	Buccinidae	Ranella	australasia	native
Gastropoda	Neogastropoda	Columbellidae	Euplica	scripta	native
Gastropoda	Neogastropoda	Columbellidae	Euplica	varians	native
Gastropoda	Neogastropoda	Columbellidae	Mitrella	ligula	native
Gastropoda	Neogastropoda	Columbellidae	Pyrene	varians	native
Gastropoda	Neogastropoda	Columbellidae	Zafra	fuscolineata	endemic
Gastropoda	Neogastropoda	Columbellidae	Zafra	kermadecensis	endemic
Gastropoda	Neogastropoda	Conidae	Conus	anemone	native
Gastropoda	Neogastropoda	Conidae	Conus	bruuni	native
Gastropoda	Neogastropoda	Conidae	Conus	capitaneus	native
Gastropoda	Neogastropoda	Conidae	Conus	chaldaeus	native
Gastropoda	Neogastropoda	Conidae	Conus	coelinae	native
Gastropoda	Neogastropoda	Conidae	Conus	coronatus	native
Gastropoda	Neogastropoda	Conidae	Conus	flavidus	native
Gastropoda	Neogastropoda	Conidae	Conus	lischkeanus	native
Gastropoda	Neogastropoda	Conidae	Conus	lividus	native
Gastropoda	Neogastropoda	Conidae	Conus	magnificus	native
Gastropoda	Neogastropoda	Conidae	Conus	miles	native
Gastropoda	Neogastropoda	Conidae	Conus	miliaris	native
Gastropoda	Neogastropoda	Conidae	Conus	nielseni	native
Gastropoda	Neogastropoda	Conidae	Conus	obscurus	native
Gastropoda	Neogastropoda	Conidae	Conus	raoulensis	native
Gastropoda	Neogastropoda	Conidae	Conus	smirna	native
Gastropoda	Neogastropoda	Conidae	Conus	sponsalis	native
Gastropoda	Neogastropoda	Conidae	Conus	striatus	native
Gastropoda	Neogastropoda	Conidae	Conus	teramachii	native
Gastropoda	Neogastropoda	Conidae	Conus	textile	native
Gastropoda	Neogastropoda	Conidae	Conus	virgo	native
Gastropoda	Neogastropoda	Conidae	Kermia	benhami	endemic
Gastropoda	Neogastropoda	Conidae	Macteola	interrupta	native
Gastropoda	Neogastropoda	Conidae	Macteola	segesta	native
Gastropoda	Neogastropoda	Conidae	Mitromorpha	expeditionis	native
Gastropoda	Neogastropoda	Coralliophilidae	Babelomurex	lischkeanus	native
Gastropoda	Neogastropoda	Coralliophilidae	Coralliophila	bulbiformis	native
Gastropoda	Neogastropoda	Coralliophilidae	Coralliophila	monodonta	native
Gastropoda	Neogastropoda	Coralliophilidae	Coralliophila	neritoidea	native
Gastropoda	Neogastropoda	Coralliophilidae	Coralliophila	nivea	native
Gastropoda	Neogastropoda	Coralliophilidae	Coralliophila	radula	native
Gastropoda	Neogastropoda	Coralliophilidae	Coralliophila	sertata	native
Gastropoda	Neogastropoda	Coralliophilidae	Magilus	antiquus	native
Gastropoda	Neogastropoda	Costellariidae	Vexillum	angustissimum	native
Gastropoda	Neogastropoda	Costellariidae	Vexillum	costatum	native
Gastropoda	Neogastropoda	Costellariidae	Vexillum	iredalei	endemic
Gastropoda	Neogastropoda	Cystiscidae	Pugnus	parvus	native
Gastropoda	Neogastropoda	Fascioliariidae	Fusinus	bountyi	native
Gastropoda	Neogastropoda	Fascioliariidae	Fusinus	colus	native
Gastropoda	Neogastropoda	Fascioliariidae	Fusinus	genticus	native
Gastropoda	Neogastropoda	Harpidae	Harpa	amouretta	native
Gastropoda	Neogastropoda	Marginellidae	Serrata	mustelina	native
Gastropoda	Neogastropoda	Mitridae	Mitra	carbonaria	native
Gastropoda	Neogastropoda	Mitridae	Mitra	coronata	native
Gastropoda	Neogastropoda	Mitridae	Mitra	fastigium	native
Gastropoda	Neogastropoda	Mitridae	Mitra	mitra	native
Gastropoda	Neogastropoda	Mitridae	Mitra	typha	native
Gastropoda	Neogastropoda	Mitridae	Neocancilla	takiisaoi	native
Gastropoda	Neogastropoda	Mitridae	Ziba	cernohorskyi	native
Gastropoda	Neogastropoda	Mitridae	Ziba	kermadecensis	native
Gastropoda	Neogastropoda	Muricidae	Dicathais	orbita	native
Gastropoda	Neogastropoda	Muricidae	Drupella	fragum	native
Gastropoda	Neogastropoda	Muricidae	Favartia	peasei	native

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Class	Order	Family	Genus	Species	Status
Gastropoda	Neogastropoda	Muricidae	Litozamia	subtropicalis	native
Gastropoda	Neogastropoda	Muricidae	Maculotriton	bracteatus	native
Gastropoda	Neogastropoda	Muricidae	Maculotriton	seriale	native
Gastropoda	Neogastropoda	Muricidae	Morula	nodulifera	native
Gastropoda	Neogastropoda	Muricidae	Morula	palmeri	native
Gastropoda	Neogastropoda	Muricidae	Neothais	smithi	native
Gastropoda	Neogastropoda	Muricidae	Poirieria	zelandica	native
Gastropoda	Neogastropoda	Nassariidae	Nassarius	gaudiosus	native
Gastropoda	Neogastropoda	Nassariidae	Nassarius	nodiferus	native
Gastropoda	Neogastropoda	Nassariidae	Nassarius	scalaris	native
Gastropoda	Neogastropoda	Nassariidae	Nassarius	spiratus	native
Gastropoda	Neogastropoda	Olividae	Amalda	raoulensis	native
Gastropoda	Neogastropoda	Terebridae	Hastula	penicillata	native
Gastropoda	Neogastropoda	Terebridae	Terebra	circumcincta	native
Gastropoda	Neogastropoda	Terebridae	Terenolla	pygmaea	native
Gastropoda	Neogastropoda	Turridae	Iotyrris	cingulifera	native
Gastropoda	Neogastropoda	Turridae	Iredalea	subtropicalis	native
Gastropoda	Neogastropoda	Turridae	Lienardia	apiculata	native
Gastropoda	Neogastropoda	Turridae	Lienardia	roseocincta	endemic
Gastropoda	Neogastropoda	Turridae	Xenoturris	cingulifera	native
Gastropoda	Neogastropoda	Volutidae	Lyria	insignata	native
Gastropoda	Neogastropoda	Volutidae	Lyria	nucleus	native
Gastropoda	Neotaenioglossa	Assimineidae	Assimineia	nitida	native
Gastropoda	Neotaenioglossa	Assimineidae	Assimineia	vulgaris	native
Gastropoda	Neotaenioglossa	Assimineidae	Suterilla	neozelanica	native
Gastropoda	Neotaenioglossa	Atlantidae	Atlanta	brunnea	native
Gastropoda	Neotaenioglossa	Barleeiidae	Fictonoba	carnosa	native
Gastropoda	Neotaenioglossa	Bursidae	Bursa	granularis	native
Gastropoda	Neotaenioglossa	Bursidae	Bursa	mammata	native
Gastropoda	Neotaenioglossa	Bursidae	Bursa	rosa	native
Gastropoda	Neotaenioglossa	Bursidae	Bursa	verrucosa	native
Gastropoda	Neotaenioglossa	Bursidae	Crossata	californica	native
Gastropoda	Neotaenioglossa	Bursidae	Tutufa	bubo	native
Gastropoda	Neotaenioglossa	Bursidae	Tutufa	bufo	native
Gastropoda	Neotaenioglossa	Caecidae	Caecum	maori	endemic
Gastropoda	Neotaenioglossa	Cassidae	Casmaria	ponderosa	native
Gastropoda	Neotaenioglossa	Cassidae	Semicassis	pyrum	native
Gastropoda	Neotaenioglossa	Cassidae	Semicassis	royana	native
Gastropoda	Neotaenioglossa	Cassidae	Semicassis	sophia	native
Gastropoda	Neotaenioglossa	Cerithiidae	Cerithium	atromarginatum	native
Gastropoda	Neotaenioglossa	Cerithiidae	Cerithium	citrinum	native
Gastropoda	Neotaenioglossa	Cerithiidae	Cerithium	columna	native
Gastropoda	Neotaenioglossa	Cerithiidae	Cerithium	echinatum	native
Gastropoda	Neotaenioglossa	Cerithiidae	Cerithium	egenum	native
Gastropoda	Neotaenioglossa	Cerithiidae	Cerithium	nesioticum	native
Gastropoda	Neotaenioglossa	Cerithiidae	Pseudovertagus	clava	native
Gastropoda	Neotaenioglossa	Cerithiopsidae	Cerithiopsis	powelli	native
Gastropoda	Neotaenioglossa	Cerithiopsidae	Horologica	pinea	native
Gastropoda	Neotaenioglossa	Cerithiopsidae	Sundaya	exquisita	endemic
Gastropoda	Neotaenioglossa	Cypraeidae	Cypraea	caputserpentis	native
Gastropoda	Neotaenioglossa	Cypraeidae	Cypraea	carneola	native
Gastropoda	Neotaenioglossa	Cypraeidae	Cypraea	cernica	native
Gastropoda	Neotaenioglossa	Cypraeidae	Cypraea	erosa	native
Gastropoda	Neotaenioglossa	Cypraeidae	Cypraea	isabella	native
Gastropoda	Neotaenioglossa	Cypraeidae	Cypraea	moneta	native
Gastropoda	Neotaenioglossa	Cypraeidae	Cypraea	poraria	native
Gastropoda	Neotaenioglossa	Cypraeidae	Cypraea	teres	native
Gastropoda	Neotaenioglossa	Cypraeidae	Lyncina	vitellus	native
Gastropoda	Neotaenioglossa	Cypraeidae	Talparia	talpa	native
Gastropoda	Neotaenioglossa	Epitoniidae	Amaea	thielei	native
Gastropoda	Neotaenioglossa	Epitoniidae	Epitonium	billeana	native
Gastropoda	Neotaenioglossa	Epitoniidae	Epitonium	perplexum	native
Gastropoda	Neotaenioglossa	Epitoniidae	Gyrosca	lamellosa	native
Gastropoda	Neotaenioglossa	Eulimidae	Crinolamia	kermadecensis	native
Gastropoda	Neotaenioglossa	Eulimidae	Hemiliostraca	perspicua	native
Gastropoda	Neotaenioglossa	Eulimidae	Melanella	perplexa	endemic
Gastropoda	Neotaenioglossa	Eulimidae	Melanella	spinosa	endemic
Gastropoda	Neotaenioglossa	Eulimidae	Pyramidelloides	pagoda	native
Gastropoda	Neotaenioglossa	Eulimidae	Pyramidelloides	suteri	native

Class	Order	Family	Genus	Species	Status
Gastropoda	Neotaenioglossa	Eulimidae	Sticteulima	kermadecensis	endemic
Gastropoda	Neotaenioglossa	Hipponicidae	Hipponix	conicus	native
Gastropoda	Neotaenioglossa	Hipponicidae	Hipponix	foliaceus	native
Gastropoda	Neotaenioglossa	Janthinidae	Janthina	exigua	native
Gastropoda	Neotaenioglossa	Janthinidae	Janthina	globosa	native
Gastropoda	Neotaenioglossa	Janthinidae	Janthina	janthina	native
Gastropoda	Neotaenioglossa	Janthinidae	Janthina	umbilicata	native
Gastropoda	Neotaenioglossa	Janthinidae	Recluzia	hargravesi	native
Gastropoda	Neotaenioglossa	Janthinidae	Recluzia	lutea	native
Gastropoda	Neotaenioglossa	Lamellariidae	Lamellaria	ophione	native
Gastropoda	Neotaenioglossa	Littorinidae	Australittorina	unifasciata	native
Gastropoda	Neotaenioglossa	Littorinidae	Echinolittorina	feejeensis	native
Gastropoda	Neotaenioglossa	Littorinidae	Nodilittorina	antipodum	native
Gastropoda	Neotaenioglossa	Littorinidae	Nodilittorina	millegrana	native
Gastropoda	Neotaenioglossa	Littorinidae	Nodilittorina	novaezelandiae	native
Gastropoda	Neotaenioglossa	Naticidae	Natica	lemniscata	native
Gastropoda	Neotaenioglossa	Naticidae	Natica	orientalis	native
Gastropoda	Neotaenioglossa	Naticidae	Notocochlis	gualteriana	native
Gastropoda	Neotaenioglossa	Naticidae	Polinices	simiae	native
Gastropoda	Neotaenioglossa	Naticidae	Polinices	tawhitirahia	native
Gastropoda	Neotaenioglossa	Naticidae	Tanea	euzona	native
Gastropoda	Neotaenioglossa	Ovulidae	Ovula	costellata	native
Gastropoda	Neotaenioglossa	Ovulidae	Ovula	ovum	native
Gastropoda	Neotaenioglossa	Planaxidae	Hinea	brasiliانا	native
Gastropoda	Neotaenioglossa	Potamididae	Royella	sinon	native
Gastropoda	Neotaenioglossa	Ranellidae	Cabestana	spengleri	native
Gastropoda	Neotaenioglossa	Ranellidae	Cabestana	tabulata	native
Gastropoda	Neotaenioglossa	Ranellidae	Charonia	lampas	native
Gastropoda	Neotaenioglossa	Ranellidae	Charonia	tritonis	native
Gastropoda	Neotaenioglossa	Ranellidae	Cymatium	caudatum	native
Gastropoda	Neotaenioglossa	Ranellidae	Cymatium	costatum	native
Gastropoda	Neotaenioglossa	Ranellidae	Cymatium	dunkeri	native
Gastropoda	Neotaenioglossa	Ranellidae	Cymatium	exaratum	native
Gastropoda	Neotaenioglossa	Ranellidae	Cymatium	iredalei	native
Gastropoda	Neotaenioglossa	Ranellidae	Cymatium	nicobaricum	native
Gastropoda	Neotaenioglossa	Ranellidae	Cymatium	parthenopeum	native
Gastropoda	Neotaenioglossa	Ranellidae	Cymatium	vespaceum	native
Gastropoda	Neotaenioglossa	Ranellidae	Sassia	parkinsonia	native
Gastropoda	Neotaenioglossa	Ranellidae	Turritriton	labiosus	native
Gastropoda	Neotaenioglossa	Rissoiidae	Alvania	kermadecensis	endemic
Gastropoda	Neotaenioglossa	Rissoiidae	Merelina	cheilostoma	native
Gastropoda	Neotaenioglossa	Rissoiidae	Merelina	pisinna	native
Gastropoda	Neotaenioglossa	Rissoiidae	Onoba	candidissima	misidentification
Gastropoda	Neotaenioglossa	Rissoiidae	Onoba	kermadecensis	endemic
Gastropoda	Neotaenioglossa	Rissoiidae	Pusillina	wallacei	endemic
Gastropoda	Neotaenioglossa	Rissoiidae	Rissoina	costata	native
Gastropoda	Neotaenioglossa	Rissoiidae	Rissoina	mitozona	native
Gastropoda	Neotaenioglossa	Rissoiidae	Rissoina	plicata	native
Gastropoda	Neotaenioglossa	Rissoiidae	Schwartziella	scalariformis	native
Gastropoda	Neotaenioglossa	Rissoiidae	Stosicia	chiltoni	native
Gastropoda	Neotaenioglossa	Rissoiidae	Stosicia	mirabilis	native
Gastropoda	Neotaenioglossa	Rissoiidae	Stosicia	polytropa	native
Gastropoda	Neotaenioglossa	Rissoiidae	Zebina	bidentata	native
Gastropoda	Neotaenioglossa	Strombidae	Canarium	erythrinum	native
Gastropoda	Neotaenioglossa	Strombidae	Euprotomus	kiwi	native
Gastropoda	Neotaenioglossa	Strombidae	Euprotomus	vomer	native
Gastropoda	Neotaenioglossa	Strombidae	Strombus	haemastoma	native
Gastropoda	Neotaenioglossa	Strombidae	Strombus	mutabilis	native
Gastropoda	Neotaenioglossa	Strombidae	Strombus	thersites	native
Gastropoda	Neotaenioglossa	Strombidae	Strombus	urceus	native
Gastropoda	Neotaenioglossa	Tonnidae	Malea	pomum	native
Gastropoda	Neotaenioglossa	Tonnidae	Tonna	melanostoma	native
Gastropoda	Neotaenioglossa	Tonnidae	Tonna	perdix	native
Gastropoda	Neotaenioglossa	Triphoridae	Bouchettriphora	pallida	native
Gastropoda	Neotaenioglossa	Triphoridae	Brucettriphora	granifera	native
Gastropoda	Neotaenioglossa	Triphoridae	Mastoniaeformis	jousseumei	native
Gastropoda	Neotaenioglossa	Triphoridae	Mesophora	granosa	native
Gastropoda	Neotaenioglossa	Triphoridae	Metaxia	exaltata	native
Gastropoda	Neotaenioglossa	Triphoridae	Metaxia	kermadecensis	endemic

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Class	Order	Family	Genus	Species	Status
Gastropoda	Neotaenioglossa	Triphoridae	Nototriphora	aupouria	native
Gastropoda	Neotaenioglossa	Triphoridae	Sagenotriphora	ampulla	native
Gastropoda	Neotaenioglossa	Triphoridae	Subulophora	rutilans	native
Gastropoda	Neotaenioglossa	Triphoridae	Viriola	cancellata	native
Gastropoda	Neotaenioglossa	Triphoridae	Viriola	incisa	native
Gastropoda	Neotaenioglossa	Triviidae	Eratoena	corrugata	native
Gastropoda	Neotaenioglossa	Triviidae	Proterato	lachryma	native
Gastropoda	Neotaenioglossa	Triviidae	Semitrivia	desirabilis	endemic
Gastropoda	Neotaenioglossa	Triviidae	Trivia	napolina	native
Gastropoda	Neotaenioglossa	Triviidae	Trivia	oryza	native
Gastropoda	Neotaenioglossa	Triviidae	Trivia	pellucidula	native
Gastropoda	Neotaenioglossa	Vanikoridae	Vanikoro	wallacei	endemic
Gastropoda	Neotaenioglossa	Xenophoridae	Xenophora	corrugata	native
Gastropoda	Neotaenioglossa	Xenophoridae	Xenophora	neozelanica	native
Gastropoda	Neritopsina	Neritidae	Nerita	atramentosa	native
Gastropoda	Neritopsina	Neritidae	Nerita	plicata	native
Gastropoda	Not assigned	Angariidae	Angaria	delphinus	native
Gastropoda	Not assigned	Angariidae	Angaria	distorta	native
Gastropoda	Not assigned	Angariidae	Angaria	tyria	native
Gastropoda	Not assigned	Ataphridae	Acremodontina	kermadecensis	native
Gastropoda	Not assigned	Colloniidae	Cantrainea	inexpectata	native
Gastropoda	Notaspidea	Pleurobranchidae	Berthellina	citrina	native
Gastropoda	Notaspidea	Umbraculidae	Umbraculum	umbraculum	native
Gastropoda	Nudibranchia	Chromodorididae	Chromodoris	rufomaculata	native
Gastropoda	Nudibranchia	Dorididae	Halgerda	willei	native
Gastropoda	Nudibranchia	Facelinidae	Phyllodesmium	magnum	native
Gastropoda	Nudibranchia	Facelinidae	Pteraeolia	ianthina	native
Gastropoda	Nudibranchia	Glaucidae	Glaucus	atlanticus	native
Gastropoda	Nudibranchia	Phyllidiidae	Phyllidiella	pustulosa	native
Gastropoda	Nudibranchia	Polyceridae	Heteroplocamus	pacificus	endemic
Gastropoda	Nudibranchia	Tergipedidae	Phestilla	melanobranchia	native
Gastropoda	Patellogastropoda	Fissurellidae	Diodora	bollonsi	endemic
Gastropoda	Patellogastropoda	Fissurellidae	Emarginula	connectens	native
Gastropoda	Patellogastropoda	Lottiidae	Patelloida	corticata	native
Gastropoda	Patellogastropoda	Turbinidae	Bolma	kermadecensis	native
Gastropoda	Patellogastropoda	Turbinidae	Bolma	recens	native
Gastropoda	Patellogastropoda	Turbinidae	Leptothyra	benthicola	native
Gastropoda	Patellogastropoda	Turbinidae	Leptothyra	kermadecensis	endemic
Gastropoda	Patellogastropoda	Turbinidae	Turbo	argyrostomus	native
Gastropoda	Pulmonata	Ellobiidae	Leuconopsis	pacifica	endemic
Gastropoda	Pulmonata	Ellobiidae	Melampus	albus	native
Gastropoda	Pulmonata	Ellobiidae	Melampus	luteus	native
Gastropoda	Sacoglossa	Juliidae	Julia	exquisita	native
Gastropoda	Thecosomata	Cavoliniidae	Cavolinia	gibbosa	native
Gastropoda	Thecosomata	Cavoliniidae	Cavolinia	inflexa	native
Gastropoda	Thecosomata	Cavoliniidae	Cavolinia	tridentata	native
Gastropoda	Thecosomata	Cavoliniidae	Clio	pyramidata	native
Gastropoda	Thecosomata	Cavoliniidae	Creseis	acicula	native
Gastropoda	Thecosomata	Cavoliniidae	Creseis	virgula	native
Gastropoda	Thecosomata	Cavoliniidae	Cuvierina	columnella	native
Gastropoda	Thecosomata	Cavoliniidae	Diacavolinia	longirostris	native
Gastropoda	Thecosomata	Cavoliniidae	Diacria	quadridentata	native
Gastropoda	Thecosomata	Cavoliniidae	Diacria	trispinosa	native
Gastropoda	Thecosomata	Cavoliniidae	Styliola	subula	native
Gastropoda	Thecosomata	Limacinidae	Limacina	bulimoides	native
Gastropoda	Thecosomata	Limacinidae	Limacina	inflata	native
Gastropoda	Vetigastropoda	Chilodontidae	Herpetopoma	foveolata	native
Gastropoda	Vetigastropoda	Solariellidae	Archiminolia	alabida	native
Gastropoda	Vetigastropoda	Solariellidae	Archiminolia	dawsoni	native
Gymnolaemata	Cheilostomata	Calloporidae	Marssonopora	kermadecensis	native
Gymnolaemata	Cheilostomata	Farciminariidae	Columnella	magna	native
Gymnolaemata	Ctenostomata	Alcyonidiidae	Alcyonidium	kermadecense	native
Hexactinellida	Amphidiscosida	Pheronematidae	Schulzeviella	gigas	native
Hexactinellida	Aulocalycoida	Aulocalycidae	Euryplegma	auriculare	native
Hexactinellida	Hexactinosida	Euretidae	Chonelasma	hamatum	native
Hexactinellida	Hexactinosida	Euretidae	Chonelasma	lamella	native
Hexactinellida	Hexactinosida	Euretidae	Conorete	gordoni	native
Hexactinellida	Hexactinosida	Euretidae	Gymnorete	pacificum	native
Hexactinellida	Hexactinosida	Euretidae	Gymnorete	stabulatum	native

Class	Order	Family	Genus	Species	Status
Hexactinellida	Hexactinosida	Farreidae	Farrea	ananchorata	native
Hexactinellida	Hexactinosida	Farreidae	Farrea	anoxyhexastera	native
Hexactinellida	Hexactinosida	Farreidae	Farrea	medusiforma	native
Hexactinellida	Hexactinosida	Farreidae	Farrea	occa	native
Hexactinellida	Hexactinosida	Farreidae	Farrea	raoulensis	native
Hexactinellida	Hexactinosida	Farreidae	Farrea	similaris	native
Hexactinellida	Lychniscosida	Aulocystidae	Neoaulocystis	cristata	native
Hexactinellida	Lyssacinosa	Euplectellidae	Walteria	flemmingi	native
Hexactinellida	Lyssacinosa	Rossellidae	Caulophacus	hadalis	native
Hexactinellida	Lyssacinosa	Rossellidae	Crateromorpha	cylindrica	native
Holothuroidea	Elasipodida	Deimatidae	Orphnurgus	dorisae	native
Holothuroidea	Elasipodida	Elpidiidae	Elpidia	glacialis	native
Hydrozoa	Anthoathecata	Stylasteridae	Conopora	laevis	native
Hydrozoa	Anthoathecata	Stylasteridae	Crypthelia	pudica	native
Hydrozoa	Anthoathecata	Stylasteridae	Stylaster	erubescens	native
Hydrozoa	Leptothecata	Aglaopheniidae	Aglaophenia	laxa	native
Hydrozoa	Leptothecata	Aglaopheniidae	Aglaophenia	tenuissima	native
Hydrozoa	Leptothecata	Haleciidae	Halecium	tenellum	native
Hydrozoa	Leptothecata	Plumulariidae	Plumularia	setacea	native
Hydrozoa	Leptothecata	Syntheciidae	Synthecium	elegans	native
Insecta	Odonata	Aeshnidae	Aeshna	brevistyla	native
Insecta	Odonata	Aeshnidae	Hemianax	papuensis	native
Insecta	Odonata	Coenagrionidae	Ischnura	aurora	native
Insecta	Odonata	Corduliidae	Hemicordulia	australiae	native
Malacostraca	Amphipoda	Aoridae	Aora	typica	native
Malacostraca	Amphipoda	Atylidae	Lepechinella	wolffi	native
Malacostraca	Amphipoda	Caprellidae	Caprella	penantis	native
Malacostraca	Amphipoda	Cyphocarididae	Cyphocaris	richardi	native
Malacostraca	Amphipoda	Endevouridae	Ensayara	kermadecensis	native
Malacostraca	Amphipoda	Epimeriidae	Epimeria	bruuni	native
Malacostraca	Amphipoda	Isaeidae	Gammaropsis	dentata	native
Malacostraca	Amphipoda	Isaeidae	Podoceropsis	kermadeci	native
Malacostraca	Amphipoda	Lysianassidae	Bathyschraderia	magnifica	native
Malacostraca	Amphipoda	Lysianassidae	Bruunosa	bruuni	native
Malacostraca	Amphipoda	Lysianassidae	Cyclocaris	tahitensis	native
Malacostraca	Amphipoda	Lysianassidae	Eurythenes	gryllus	native
Malacostraca	Amphipoda	Lysianassidae	Eurythenes	thurstoni	native
Malacostraca	Amphipoda	Lysianassidae	Orchomene	gerulicorbis	native
Malacostraca	Amphipoda	Lysianassidae	Paralicella	caperesca	native
Malacostraca	Amphipoda	Lysianassidae	Paralicella	tenuipes	native
Malacostraca	Amphipoda	Lysianassidae	Parawaldeckia	kidderi	native
Malacostraca	Amphipoda	Maeridae	Austromaera	mastersii	native
Malacostraca	Amphipoda	Melitidae	Melita	inaequistylis	native
Malacostraca	Amphipoda	Melitidae	Melita	palmata	questionable
Malacostraca	Amphipoda	Oedicerotidae	Oediceroides	wolffi	native
Malacostraca	Amphipoda	Oxycephalidae	Oxycephalus	clausi	native
Malacostraca	Amphipoda	Pardaliscidae	Halice	secunda	native
Malacostraca	Amphipoda	Pardaliscidae	Pardaliscoides	longicaudatus	native
Malacostraca	Amphipoda	Pardaliscidae	Princaxelia	abyssalis	native
Malacostraca	Amphipoda	Phrosinidae	Phrosina	australis	native
Malacostraca	Amphipoda	Scopelocheiridae	Scopelocheirus	schellenbergi	native
Malacostraca	Amphipoda	Stegocephalidae	Parandania	boeckii	native
Malacostraca	Amphipoda	Stegocephalidae	Parandania	gigantea	native
Malacostraca	Amphipoda	Talitridae	Eorchestia	rectipalma	native
Malacostraca	Amphipoda	Talitridae	Orchestia	gammarella	questionable
Malacostraca	Amphipoda	Talitridae	Tara	sylvicola	native
Malacostraca	Amphipoda	Uristidae	Abyssorchomene	abyssorum	native
Malacostraca	Amphipoda	Uristidae	Abyssorchomene	chevreuxi	native
Malacostraca	Amphipoda	Uristidae	Abyssorchomene	distinctus	native
Malacostraca	Amphipoda	Uristidae	Abyssorchomene	musculosus	native
Malacostraca	Amphipoda	Uristidae	Galathella	galathea	native
Malacostraca	Amphipoda	Uristidae	Hirondellea	dubia	native
Malacostraca	Amphipoda	Uristidae	Stephonyx	normani	native
Malacostraca	Amphipoda	Valettioptidae	Valettietta	anacantha	native
Malacostraca	Cumacea	Bodotriidae	Gaussicuma	kermadecense	native
Malacostraca	Cumacea	Diastylidae	Leptostyloides	calcar	native
Malacostraca	Cumacea	Diastylidae	Vemakylindrus	prolatus	native
Malacostraca	Decapoda	Albuneidae	Albunea	microps	native
Malacostraca	Decapoda	Alpheidae	Alpheus	hailstonei	native

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Class	Order	Family	Genus	Species	Status
Malacostraca	Decapoda	Alpheidae	Alpheus	socialis	native
Malacostraca	Decapoda	Alpheidae	Athanas	dorsalis	questionable
Malacostraca	Decapoda	Alpheidae	Athanas	indicus	native
Malacostraca	Decapoda	Alvinocarididae	Alvinocaris	alexander	endemic
Malacostraca	Decapoda	Alvinocarididae	Alvinocaris	longirostris	native
Malacostraca	Decapoda	Alvinocarididae	Alvinocaris	niwa	endemic
Malacostraca	Decapoda	Alvinocarididae	Nautilocaris	saintlaurentae	native
Malacostraca	Decapoda	Aristeidae	Aristeus	semidentatus	native
Malacostraca	Decapoda	Axiidae	Dorphanaxius	kermadecensis	native
Malacostraca	Decapoda	Axiidae	Eiconaxius	kermadeci	endemic
Malacostraca	Decapoda	Axiidae	Eiconaxius	parvus	native
Malacostraca	Decapoda	Axiidae	Spongiaxius	novaezealandiae	native
Malacostraca	Decapoda	Benthescymidae	Bentheogennema	stephenseni	native
Malacostraca	Decapoda	Benthescymidae	Benthescymus	altus	native
Malacostraca	Decapoda	Benthescymidae	Benthescymus	crenatus	native
Malacostraca	Decapoda	Benthescymidae	Benthescymus	investigatoris	native
Malacostraca	Decapoda	Bythograeidae	Gandalfus	puia	native
Malacostraca	Decapoda	Calappidae	Mursia	microspina	native
Malacostraca	Decapoda	Callianassidae	Corallianassa	articulata	native
Malacostraca	Decapoda	Chirostylidae	Uroptychodes	spiniarginatus	native
Malacostraca	Decapoda	Chirostylidae	Uroptychus	alcocki	native
Malacostraca	Decapoda	Chirostylidae	Uroptychus	australis	native
Malacostraca	Decapoda	Chirostylidae	Uroptychus	kaitara	endemic
Malacostraca	Decapoda	Chirostylidae	Uroptychus	paku	endemic
Malacostraca	Decapoda	Chirostylidae	Uroptychus	politus	native
Malacostraca	Decapoda	Chirostylidae	Uroptychus	rutua	endemic
Malacostraca	Decapoda	Chirostylidae	Uroptychus	toka	endemic
Malacostraca	Decapoda	Chirostylidae	Uroptychus	webberi	endemic
Malacostraca	Decapoda	Chirostylidae	Uroptychus	yaldwyni	endemic
Malacostraca	Decapoda	Cryptochiridae	Cryptochirus	coralliodytes	questionable
Malacostraca	Decapoda	Diogenidae	Calcinus	imperialis	native
Malacostraca	Decapoda	Diogenidae	Cancellus	frontalis	endemic
Malacostraca	Decapoda	Diogenidae	Cancellus	rhynchogonus	endemic
Malacostraca	Decapoda	Diogenidae	Clibanarius	striolatus	native
Malacostraca	Decapoda	Diogenidae	Dardanus	hessii	native
Malacostraca	Decapoda	Dromiidae	Cryptodromiopsis	unidentata	native
Malacostraca	Decapoda	Dromiidae	Lewindromia	unidentata	native
Malacostraca	Decapoda	Dromiidae	Tumidodromia	dormia	native
Malacostraca	Decapoda	Dynomenidae	Dynomene	pilumnoides	native
Malacostraca	Decapoda	Epialtidae	Huenia	heraldica	native
Malacostraca	Decapoda	Epialtidae	Huenia	proteus	native
Malacostraca	Decapoda	Epialtidae	Leptomaia	tuberculata	native
Malacostraca	Decapoda	Epialtidae	Rochinia	ahyongi	endemic
Malacostraca	Decapoda	Epialtidae	Rochinia	riversandersoni	native
Malacostraca	Decapoda	Galatheidae	Agononida	incerta	native
Malacostraca	Decapoda	Galatheidae	Agononida	procera	native
Malacostraca	Decapoda	Galatheidae	Allogalthea	elegans	native
Malacostraca	Decapoda	Galatheidae	Galacantha	rostrata	native
Malacostraca	Decapoda	Galatheidae	Munida	ecleipsis	native
Malacostraca	Decapoda	Galatheidae	Munida	isos	native
Malacostraca	Decapoda	Galatheidae	Munida	kapala	native
Malacostraca	Decapoda	Galatheidae	Munida	psylla	native
Malacostraca	Decapoda	Galatheidae	Munida	spiniocuris	native
Malacostraca	Decapoda	Galatheidae	Munidopsis	kermadec	native
Malacostraca	Decapoda	Galatheidae	Munidopsis	maunga	endemic
Malacostraca	Decapoda	Galatheidae	Paramunida	antipodes	native
Malacostraca	Decapoda	Galatheidae	Phylladiorhynchus	integrirrostris	native
Malacostraca	Decapoda	Glyphocrangonidae	Glyphocrangon	regalis	native
Malacostraca	Decapoda	Goneplacidae	Goneplacoides	marivenae	native
Malacostraca	Decapoda	Goneplacidae	Neopilumnoplax	neili	native
Malacostraca	Decapoda	Goneplacidae	Thyraplax	truncata	native
Malacostraca	Decapoda	Grapsidae	Geograpsus	grayi	native
Malacostraca	Decapoda	Grapsidae	Leptograpsus	variegatus	native
Malacostraca	Decapoda	Grapsidae	Pachygrapsus	minutus	native
Malacostraca	Decapoda	Grapsidae	Planes	major	native
Malacostraca	Decapoda	Grapsidae	Planes	marinus	native
Malacostraca	Decapoda	Grapsidae	Planes	minutus	native
Malacostraca	Decapoda	Hippolytidae	Alope	spinifrons	native
Malacostraca	Decapoda	Hippolytidae	Lebbeus	wera	endemic

Class	Order	Family	Genus	Species	Status
Malacostraca	Decapoda	Hippolytidae	Lysmata	trisetacea	native
Malacostraca	Decapoda	Inachidae	Achaeus	akanensis	native
Malacostraca	Decapoda	Inachidae	Achaeus	curvirostris	native
Malacostraca	Decapoda	Inachidae	Achaeus	kermadecensis	endemic
Malacostraca	Decapoda	Inachidae	Platymaia	wyvillethomsoni	native
Malacostraca	Decapoda	Leucosiidae	Actaeomorpha	erosa	native
Malacostraca	Decapoda	Leucosiidae	Ebalia	humilis	native
Malacostraca	Decapoda	Leucosiidae	Ebalia	jordani	native
Malacostraca	Decapoda	Leucosiidae	Ebalia	webberi	endemic
Malacostraca	Decapoda	Leucosiidae	Tanaoa	distinctus	native
Malacostraca	Decapoda	Lithodidae	Paralomis	hirtella	native
Malacostraca	Decapoda	Lithodidae	Paralomis	staplesi	native
Malacostraca	Decapoda	Lithodidae	Paralomis	webberi	endemic
Malacostraca	Decapoda	Majidae	Cyrtomaia	lamellata	native
Malacostraca	Decapoda	Majidae	Naxia	spinosa	native
Malacostraca	Decapoda	Majidae	Notomithrax	spinus	native
Malacostraca	Decapoda	Majidae	Prismatopus	goldsbroughi	native
Malacostraca	Decapoda	Majidae	Schizophroida	hilensis	native
Malacostraca	Decapoda	Majidae	Teratomaia	richardsoni	native
Malacostraca	Decapoda	Mathildellidae	Intesius	richeri	native
Malacostraca	Decapoda	Mathildellidae	Mathildella	mclayi	native
Malacostraca	Decapoda	Nematocarcinidae	Nematocarcinus	exilis	native
Malacostraca	Decapoda	Nematocarcinidae	Nematocarcinus	gracilis	native
Malacostraca	Decapoda	Nematocarcinidae	Nematocarcinus	longirostris	native
Malacostraca	Decapoda	Nematocarcinidae	Nematocarcinus	undulatipes	native
Malacostraca	Decapoda	Ocypodidae	Ocypode	kuhlii	native
Malacostraca	Decapoda	Ocypodidae	Ocypode	pallidula	native
Malacostraca	Decapoda	Oplophoridae	Acanthephyra	brevirostris	native
Malacostraca	Decapoda	Oplophoridae	Acanthephyra	smithi	native
Malacostraca	Decapoda	Oplophoridae	Heterogenys	microphthalma	native
Malacostraca	Decapoda	Oplophoridae	Hymenodora	glacialis	native
Malacostraca	Decapoda	Oplophoridae	Janicella	spinicauda	native
Malacostraca	Decapoda	Oplophoridae	Kemphyra	corallina	native
Malacostraca	Decapoda	Oplophoridae	Meningodora	mollis	native
Malacostraca	Decapoda	Oziidae	Bountiana	norfolcensis	native
Malacostraca	Decapoda	Oziidae	Ozius	lobatus	native
Malacostraca	Decapoda	Oziidae	Ozius	truncatus	native
Malacostraca	Decapoda	Paguridae	Catapagurus	spinicarpus	endemic
Malacostraca	Decapoda	Paguridae	Diacanthurus	eophyma	native
Malacostraca	Decapoda	Paguridae	Pagurixus	hectori	native
Malacostraca	Decapoda	Paguridae	Pagurixus	kermadecensis	endemic
Malacostraca	Decapoda	Paguridae	Pagurojacquesia	polymorpha	native
Malacostraca	Decapoda	Paguridae	Pagurus	iridocarpus	endemic
Malacostraca	Decapoda	Paguridae	Pagurus	sinuatus	native
Malacostraca	Decapoda	Paguridae	Porcellanopagurus	chiltoni	native
Malacostraca	Decapoda	Paguridae	Porcellanopagurus	tridentatus	native
Malacostraca	Decapoda	Palicideae	Pseudopalicus	oahuensis	native
Malacostraca	Decapoda	Palinuridae	Sagmariasus	verreauxi	native
Malacostraca	Decapoda	Pandalidae	Plesionika	spinipes	native
Malacostraca	Decapoda	Parapaguridae	Paragiopagurus	diogenes	native
Malacostraca	Decapoda	Parapaguridae	Parapagurus	richeri	native
Malacostraca	Decapoda	Parthenopidae	Garthambrus	allisoni	native
Malacostraca	Decapoda	Parthenopidae	Garthambrus	tani	native
Malacostraca	Decapoda	Pilumnidae	Actumnus	griffini	endemic
Malacostraca	Decapoda	Pilumnidae	Heteropilumnus	fimbriatus	native
Malacostraca	Decapoda	Pilumnidae	Pilumnus	novaezealandiae	native
Malacostraca	Decapoda	Plagusiidae	Guinusia	chabrus	native
Malacostraca	Decapoda	Plagusiidae	Guinusia	dentipes	native
Malacostraca	Decapoda	Plagusiidae	Percnon	planissimum	native
Malacostraca	Decapoda	Plagusiidae	Plagusia	squamosa	native
Malacostraca	Decapoda	Polychelidae	Polycheles	enthrix	native
Malacostraca	Decapoda	Polychelidae	Polycheles	kermadecensis	native
Malacostraca	Decapoda	Polychelidae	Willemoesia	pacifica	native
Malacostraca	Decapoda	Porcellanidae	Pachycheles	pisoides	native
Malacostraca	Decapoda	Porcellanidae	Petrolisthes	lamarckii	native
Malacostraca	Decapoda	Porcellanidae	Petrolisthes	rufescens	native
Malacostraca	Decapoda	Portunidae	Caphyra	acheronae	endemic
Malacostraca	Decapoda	Portunidae	Liocarcinus	corrugatus	native
Malacostraca	Decapoda	Portunidae	Ovalipes	elongatus	native

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Class	Order	Family	Genus	Species	Status
Malacostraca	Decapoda	Portunidae	Ovalipes	punctatus	native
Malacostraca	Decapoda	Portunidae	Thalamita	danae	native
Malacostraca	Decapoda	Portunidae	Thalamita	macropus	native
Malacostraca	Decapoda	Pylochelidae	Cheiroplatea	pumicicola	native
Malacostraca	Decapoda	Pylochelidae	Forestocheles	perplexus	native
Malacostraca	Decapoda	Pylochelidae	Pylocheles	mortensenii	native
Malacostraca	Decapoda	Pylochelidae	Trizocheles	brachyops	native
Malacostraca	Decapoda	Pylochelidae	Trizocheles	pilgrimi	native
Malacostraca	Decapoda	Raninidae	Lyreidus	tridentatus	native
Malacostraca	Decapoda	Raninidae	Notosceles	pepeke	native
Malacostraca	Decapoda	Rhynchocinetidae	Rhynchocinetes	serratus	native
Malacostraca	Decapoda	Scyllaridae	Ibacus	brucei	native
Malacostraca	Decapoda	Scyllaridae	Scyllarides	haanii	native
Malacostraca	Decapoda	Scyllaridae	Thenus	orientalis	native
Malacostraca	Decapoda	Sergestidae	Sergia	tenuiremis	native
Malacostraca	Decapoda	Solenoceridae	Hymenopenaeus	obliquirostris	native
Malacostraca	Decapoda	Spongicolidae	Spongiocaris	yaldwyni	native
Malacostraca	Decapoda	Stylodactylidae	Stylodactyloides	crossnieri	native
Malacostraca	Decapoda	Stylodactylidae	Stylodactylus	discissipes	endemic
Malacostraca	Decapoda	Trapeziidae	Calocarcinus	africanus	native
Malacostraca	Decapoda	Trapeziidae	Trapezia	cymodoce	native
Malacostraca	Decapoda	Trapeziidae	Trapezia	guttata	native
Malacostraca	Decapoda	Trapeziidae	Trapezia	septata	native
Malacostraca	Decapoda	Upogebiidae	Acutigebia	danai	native
Malacostraca	Decapoda	Varunidae	Cyclograpsus	insularum	native
Malacostraca	Decapoda	Varunidae	Cyclograpsus	lavauxi	native
Malacostraca	Decapoda	Varunidae	Parahelice	pilimana	native
Malacostraca	Decapoda	Varunidae	Xenograpsus	ngatama	endemic
Malacostraca	Decapoda	Xanthidae	Antrocarcinus	petrosus	native
Malacostraca	Decapoda	Xanthidae	Banareia	armata	native
Malacostraca	Decapoda	Xanthidae	Banareia	banareias	native
Malacostraca	Decapoda	Xanthidae	Euryxanthops	chiltoni	endemic
Malacostraca	Decapoda	Xanthidae	Gaillardiiellus	bathus	native
Malacostraca	Decapoda	Xanthidae	Gaillardiiellus	rueppelli	native
Malacostraca	Decapoda	Xanthidae	Leptodius	nudipes	native
Malacostraca	Decapoda	Xanthidae	Liomera	yaldwyni	endemic
Malacostraca	Decapoda	Xanthidae	Lybia	leptocheles	native
Malacostraca	Decapoda	Xanthidae	Macromedaeus	nudipes	native
Malacostraca	Decapoda	Xanthidae	Medaeops	serenei	endemic
Malacostraca	Decapoda	Xanthidae	Miersiella	haswelli	native
Malacostraca	Decapoda	Xanthidae	Pilodius	nigrocrinitus	native
Malacostraca	Decapoda	Xanthidae	Platypodia	delli	endemic
Malacostraca	Decapoda	Xanthidae	Pseudoliomera	helleri	native
Malacostraca	Decapoda	Xanthidae	Xanthias	dawsoni	endemic
Malacostraca	Decapoda	Xanthidae	Xanthias	lamarcki	native
Malacostraca	Decapoda	Xanthidae	Zosimus	actaeoides	native
Malacostraca	Euphausiacea	Euphausiidae	Thysanoessa	gregaria	native
Malacostraca	Isopoda	Aegidae	Aega	umpara	native
Malacostraca	Isopoda	Aegidae	Rocinela	orientalis	native
Malacostraca	Isopoda	Cymothoidae	Nerocila	orbigny	native
Malacostraca	Isopoda	Haplomiscidae	Haplomiscus	kermadecensis	native
Malacostraca	Isopoda	Idoteidae	Idotea	metallica	native
Malacostraca	Isopoda	Ligiidae	Ligia	novaezealandiae	native
Malacostraca	Isopoda	Munnopsidae	Rectisura	furcata	native
Malacostraca	Isopoda	Munnopsidae	Storthingurella	benti	native
Malacostraca	Isopoda	Munnopsidae	Vanhoeffenura	kermadecensis	native
Malacostraca	Isopoda	Munnopsididae	Ilyarachna	antarctica	native
Malacostraca	Isopoda	Munnopsididae	Ilyarachna	kermadecensis	native
Malacostraca	Isopoda	Paramunnidae	Pentacervation	kermadecia	native
Malacostraca	Isopoda	Philosciidae	Okeanosia	oliveri	native
Malacostraca	Isopoda	Porcellionidae	Porcellionides	prunosus	native
Malacostraca	Isopoda	Sphaeromatidae	Cilicaca	caniculata	native
Malacostraca	Isopoda	Sphaeromatidae	Dynamenella	huttoni	native
Malacostraca	Isopoda	Stenetriidae	Protalocoxa	abyssale	native
Malacostraca	Lophogastrida	Lophogastridae	Gnathophausia	zoea	native
Malacostraca	Stomatopoda	Odontodactylidae	Odontodactylus	brevirostris	native
Mammalia	Cetacea	Balaenidae	Eubalaena	australis	native
Mammalia	Cetacea	Balaenidae	Eubalaena	glacialis	native
Mammalia	Cetacea	Balaenopteridae	Balaenoptera	acutorostrata	native

Class	Order	Family	Genus	Species	Status
Mammalia	Cetacea	Balaenopteridae	Balaenoptera	borealis	native
Mammalia	Cetacea	Balaenopteridae	Balaenoptera	musculus	native
Mammalia	Cetacea	Balaenopteridae	Balaenoptera	physalus	native
Mammalia	Cetacea	Balaenopteridae	Megaptera	novaeangliae	native
Mammalia	Cetacea	Delphinidae	Orcinus	orca	native
Mammalia	Cetacea	Physeteridae	Physeter	macrocephalus	native
Maxillopoda	Dendrogastrida	Dendrogastridae	Bifurgaster	kermadeca	native
Maxillopoda	Pedunculata	Eolepadidae	Ashinkailepas	kermadecensis	native
Maxillopoda	Pedunculata	Lepadidae	Lepas	anatifera	native
Maxillopoda	Pedunculata	Lepadidae	Lepas	denticulata	native
Maxillopoda	Pedunculata	Lepadidae	Lepas	fascicularis	native
Maxillopoda	Pedunculata	Lepadidae	Lepas	pectinata	native
Maxillopoda	Pedunculata	Scalpellidae	Smilium	acutum	native
Maxillopoda	Sessilia	Balanidae	Balanus	decorus	native
Maxillopoda	Sessilia	Balanidae	Elminius	simplex	native
Maxillopoda	Sessilia	Balanidae	Megabalanus	tintinnabulum	native
Maxillopoda	Sessilia	Chthamalidae	Chamaesipho	columna	native
Maxillopoda	Sessilia	Pyrgomatidae	Cantellius	septimus	native
Maxillopoda	Sessilia	Pyrgomatidae	Creusia	spinulosa	native
Maxillopoda	Sessilia	Tetraclitidae	Tetraclita	purpurascens	native
Maxillopoda	Sessilia	Tetraclitidae	Tetraclita	rosea	native
Maxillopoda	Sessilia	Verrucidae	Altiverruca	sulcata	native
Ophiuroidea	Ophiurida	Amphiuridae	Amphipholis	squamata	native
Ophiuroidea	Ophiurida	Amphiuridae	Amphiura	argentea	endemic
Ophiuroidea	Ophiurida	Amphiuridae	Amphiura	lanceolata	endemic
Ophiuroidea	Ophiurida	Ophiacanthidae	Ophiacantha	cornuta	endemic
Ophiuroidea	Ophiurida	Ophiacanthidae	Ophiacantha	vepratrica	endemic
Ophiuroidea	Ophiurida	Ophiacanthidae	Ophiomoeris	obstricta	endemic
Ophiuroidea	Ophiurida	Ophiacanthidae	Ophioplinthaca	plicata	native
Ophiuroidea	Ophiurida	Ophiacanthidae	Ophiurothamnus	clausa	native
Ophiuroidea	Ophiurida	Ophiactidae	Histampica	canescens	endemic
Ophiuroidea	Ophiurida	Ophiactidae	Ophiactis	abyssicola	endemic
Ophiuroidea	Ophiurida	Ophiactidae	Ophiactis	flexuosa	endemic
Ophiuroidea	Ophiurida	Ophiactidae	Ophiactis	nama	endemic
Ophiuroidea	Ophiurida	Ophiochitonidae	Ophiochiton	lentus	endemic
Ophiuroidea	Ophiurida	Ophiocomidae	Ophiocoma	brevipes	native
Ophiuroidea	Ophiurida	Ophionereididae	Ophionereis	fasciata	native
Ophiuroidea	Ophiurida	Ophionereididae	Ophionereis	schayeri	native
Ophiuroidea	Ophiurida	Ophiothrichidae	Ophiothrix	lepidus	native
Ophiuroidea	Ophiurida	Ophiothrichidae	Ophiothrix	oliveri	native
Ophiuroidea	Ophiurida	Ophiuridae	Amphiophiura	kermadecensis	native
Ophiuroidea	Ophiurida	Ophiuridae	Ophiomusium	scalare	endemic
Ophiuroidea	Ophiurida	Ophiuridae	Ophiophyllum	petilum	endemic
Ophiuroidea	Ophiurida	Ophiuridae	Ophiura	irrorata	native
Ophiuroidea	Phrynophiurida	Asteroschematidae	Asteroschema	horridum	endemic
Ophiuroidea	Phrynophiurida	Asteroschematidae	Asteroschema	igloo	native
Ophiuroidea	Phrynophiurida	Asteroschematidae	Asteroschema	migrator	native
Ophiuroidea	Phrynophiurida	Asteroschematidae	Asteroschema	salix	endemic
Ophiuroidea	Phrynophiurida	Asteroschematidae	Astrobrachion	adhaerens	native
Ophiuroidea	Phrynophiurida	Euryalidae	Astroceras	elegans	native
Ophiuroidea	Phrynophiurida	Euryalidae	Astroceras	kermadecensis	native
Ophiuroidea	Phrynophiurida	Euryalidae	Ophiocreas	oedipus	native
Ophiuroidea	Phrynophiurida	Gorgonocephalidae	Asteropora	australiensis	native
Ophiuroidea	Phrynophiurida	Ophiomyxidae	Astrogymnotes	hamishia	native
Ophiuroidea	Phrynophiurida	Ophiomyxidae	Astrogymnotes	thomasinae	endemic
Phaeophyceae	Dictyotales	Dictyotaceae	Dictyota	intermedia	native
Phaeophyceae	Dictyotales	Dictyotaceae	Lobophora	variegata	native
Phaeophyceae	Dictyotales	Dictyotaceae	Taonia	australasica	native
Phaeophyceae	Ectocarpales	Chordariaceae	Hydroclathrus	clathratus	native
Phaeophyceae	Fucales	Hormosiraceae	Hormosira	banksii	native
Phaeophyceae	Fucales	Sargassaceae	Carpophyllum	flexuosum	native
Phaeophyceae	Fucales	Sargassaceae	Carpophyllum	maschalocarpum	native
Phaeophyceae	Fucales	Sargassaceae	Carpophyllum	plumosum	native
Phaeophyceae	Fucales	Sargassaceae	Sargassum	aquifolium	native
Phaeophyceae	Fucales	Sargassaceae	Sargassum	fissifolium	native
Phaeophyceae	Fucales	Sargassaceae	Sargassum	ilicifolium	native
Phaeophyceae	Fucales	Sargassaceae	Sargassum	pacificum	native
Phaeophyceae	Fucales	Sargassaceae	Sargassum	coyi	native
Phaeophyceae	Fucales	Sargassaceae	Sargassum	misakiensis	native
Phascolosomatidea	Aspidosiphoniformes	Aspidosiphonidae	Aspidosiphon	coyi	native
Phascolosomatidea	Aspidosiphoniformes	Aspidosiphonidae	Aspidosiphon	misakiensis	native

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Class	Order	Family	Genus	Species	Status
Phascolosomatidea	Aspidosiphoniformes	Aspidosiphonidae	Aspidosiphon	muelleri	native
Polychaeta	Aciculata	Amphinomidae	Amphinome	jukesi	native
Polychaeta	Aciculata	Amphinomidae	Eurythoe	complanata	native
Polychaeta	Aciculata	Amphinomidae	Hipponoe	gaudichaudi	native
Polychaeta	Aciculata	Aphroditidae	Aphrodita	abyssalis	native
Polychaeta	Aciculata	Aphroditidae	Laetmonice	benthaliana	native
Polychaeta	Aciculata	Lumbrineridae	Lumbrineris	brevicirra	native
Polychaeta	Aciculata	Myzostomidae	Myzostoma	murrayi	native
Polychaeta	Aciculata	Myzostomidae	Myzostoma	willemoesii	native
Polychaeta	Aciculata	Nephtyidae	Aglaophamus	elamellatus	native
Polychaeta	Aciculata	Nereididae	Ceratonereis	articulata	native
Polychaeta	Aciculata	Nereididae	Hediste	kermadeca	native
Polychaeta	Aciculata	Onuphidae	Paradiopatra	paucibranchis	native
Polychaeta	Aciculata	Phyllodocidae	Phyllococe	macrolepidota	native
Polychaeta	Aciculata	Polynoidae	Antinoe	kermadecensis	native
Polychaeta	Aciculata	Polynoidae	Bathykermadeca	hadalis	native
Polychaeta	Aciculata	Polynoidae	Eunoe	kermadeca	native
Polychaeta	Aciculata	Polynoidae	Kermadecella	magnipalpa	native
Polychaeta	Aciculata	Polynoidae	Lepidonotus	glaucus	native
Polychaeta	Aciculata	Polynoidae	Lepidonotus	simplicipes	native
Polychaeta	Canalipalpata	Flabelligeridae	Flabelligera	bicolor	native
Polychaeta	Canalipalpata	Terebellidae	Eupolytmia	kermadecensis	native
Polychaeta	Eunicida	Eunicidae	Eunice	aphroditois	native
Polychaeta	Eunicida	Eunicidae	Eunice	siciliensis	native
Polychaeta	Eunicida	Eunicidae	Lysidice	collaris	native
Polychaeta	Phyllodocida	Syllidae	Odontosyllis	picta	native
Polychaeta	Sabellida	Siboglinidae	Lamellibrachia	juni	native
Polychaeta	Sabellida	Siboglinidae	Oasisia	fujikurai	native
Polyplacophora	Chitonida	Chitonidae	Chiton	corypheus	native
Polyplacophora	Chitonida	Chitonidae	Chiton	themeropsis	endemic
Polyplacophora	Chitonida	Chitonidae	Onithochiton	oliveri	endemic
Polyplacophora	Chitonida	Ischnochitonidae	Ischnochiton	intermedius	endemic
Polyplacophora	Lepidopleurida	Leptochitonidae	Leptochiton	norfolcensis	endemic
Polyplacophora	Lepidopleurida	Leptochitonidae	Parachiton	mestayerae	native
Polythalamea	Astrorhizida	Hippocrepididae	Hyperammina	kermadecensis	questionable
Polythalamea	Astrorhizida	Komokiidae	Normanina	ultrabyssalica	questionable
Polythalamea	Astrorhizida	Rhabdamminidae	Dendrophrya	kermadecensis	endemic
Polythalamea	Mililolida	Soritidae	Sorites	marginalis	native
Polythalamea	Miliolida	Hauerinidae	Quinqueloculina	parkeri	native
Polythalamea	Miliolida	Spiroloculinidae	Spiroloculina	antillarum	native
Polythalamea	Rotaliida	Elphidiidae	Elphidium	reticulosum	native
Polythalamea	Rotaliida	Eponididae	Poroeponides	lateralis	native
Polythalamea	Rotaliida	Glabratellidae	Conorbella	pulvinata	native
Polythalamea	Rotaliida	Glabratellidae	Glabratellina	kermadecensis	endemic
Pycnogonida	Pantopoda	Austrodecidae	Austrodecus	pentamerum	native
Pycnogonida	Pantopoda	Colossendeidae	Colossendeis	bruuni	native
Pycnogonida	Pantopoda	Colossendeidae	Colossendeis	japonica	native
Pycnogonida	Pantopoda	Nymphonidae	Nymphon	galathea	native
Pycnogonida	Pantopoda	Nymphonidae	Nymphon	gracilipes	native
Pycnogonida	Pantopoda	Phoxichilidiidae	Anoplodactylus	coxalis	native
Reptilia	Squamata	Elapidae	Pelamis	platura	stray
Reptilia	Testudines	Cheloniidae	Chelonia	mydas	native
Sipunculidea	Sipunculiformes	Sipunculidae	Sipunculus	nudus	native
Ulvophyceae	Cladophorales	Cladophoraceae	Cladophora	fusca	native
Ulvophyceae	Dasycladales	Polyphysaceae	Acetabularia	parvula	native
Ulvophyceae	Ulvaes	Ulvaceae	Ulva	lactuca	native
Ulvophyceae	Ulvaes	Ulvaceae	Ulva	laetevirens	native

APPENDIX B1: BIBLIOGRAPHY FISHBASE

FishBase reference numbers in square brackets are given at the end of each reference.

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APPENDIX B2: BIBLIOGRAPHY SEALIFEBASE

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SEA AROUND US PROJECT
Fisheries Centre
The University of British Columbia
2202 Main Mall, 3rd Floor
Vancouver, B.C. V6T 1Z4

Phone 1-604-822-2731
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