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INDEX

FAUNÆ NOVÆ ZEALANDIÆ

EDITED BY

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P R E F A C E.

SINCE the publication of Dieffenbach's *Travels in New Zealand*, no list has been published of the animals inhabiting New Zealand and the neighbouring seas, although during the last sixty years our knowledge of them has increased very much. Under these circumstances, most of the zoologists in New Zealand have come to the conclusion that the time has arrived for making such a list—to be called *Index Faunæ Novæ Zealandiæ*—and last year they requested me to undertake the editorship. This I willingly did, as I was already assured of the help of all New Zealand zoologists. The Board of Governors of the New Zealand Institute was asked to publish a small edition of the work; but as it declined to do so, the Philosophical Institute of Canterbury, being generously supported by the Otago Institute, undertook the responsibility.

Mr. H. Suter, of Auckland, has supplied the Mollusca; Capt. T. Broun, of Auckland, the Coleoptera. Mr. P. Cameron, of England, has sent a list of the Hymenoptera. Prof. C. Chilton, of Christchurch, and Mr. G. M. Thomson, of Dunedin, have supplied the Crustacea. Professor Benham, of Dunedin, has furnished the Annulata and other Worms, except the terrestrial Turbellarians, which was drawn up by Professor Dendy, of Christchurch, who also supplied a list of the Holothurians. Mr. H. Farquhar, of Wellington, has revised the Echinoidea, Star-fishes, and Hydrozoa. Mr. F. W. Hilgendorf, of Lincoln, has given me a list of the Rotifera; and Prof. H. B. Kirk, of Wellington, has supplied the Porifera.

The list—as its name implies—is an index only. It does not attempt to give complete references, but merely refers to one or more publications in which lists of synonyms, or descriptions, may be found. Also it is only a record, not a revision; and the only changes made in nomenclature are a few generic names, in the Diptera and Coleoptera, which have been substituted for others which are preoccupied. No doubt a complete list of references would have been very useful to the users of the book, but the expense would have been too great; and we hope that the Government may, some day, bring out a more perfect edition.

The area included in the Index is from the Kermadec Islands, in the north, to Macquarie Island, in the south; and it takes in Stations 165 to 171 of the Challenger Expedition.

No species introduced by human agency, either intentionally or unintentionally, are admitted; but a list of them is given as an appendix. No doubt this list is very imperfect, and must be looked upon as a first attempt only. For help in it I have especially to mention Mr. Suter, for the Land Mollusca; Captain Broun, Mr. J. J. Walker, R.N., and Dr. Swale, for the Coleoptera; and Professor Benham for the Earth-worms. Mr. Hilgendorf has supplied a general list, including the Aphidæ. It has been a labour of love for us all, and I wish heartily to thank all those who have helped me, and without whose assistance the Index could not have been completed. But especially I wish to thank Prof. Chilton for the trouble he has taken in helping me to correct the proofs.

F. W. HUTTON.

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December 1903.

LIST OF ABBREVIATIONS.

A.M.N.H.—Annals and Magazine of Natural History.

C.B.M.—Catalogue of the British Museum.

C.M.M.N.Z.—Catalogue of the Marine Mollusca of N.Z., Wellington, 1873.

J.L.S.—Journal of the Linnæan Society of London. Zoology.

MAN. CONCH.—Tryon and Pilsbry's Manual of Conchology.

M.N.Z.Col.—Manual of the New Zealand Coleoptera, Wellington, 1880-93.

N.Z.J.S.—New Zealand Journal of Science, Dunedin.

P.L.S.N.S.W.—Proceedings of the Linnæan Society of New South Wales.

P.Z.S.—Proceedings of the Zoological Society of London.

T.E.S.—Transactions of the Entomological Society of London.

T.N.Z.I.—Transactions of the New Zealand Institute.

Q.J.M.S.—Quarterly Journal of the Microscopical Society of London.

CORRECTIONS.

- Page 28, *for* Mahua *read* Mohua.
„ 41, *omit* Lirus porosus.
„ 48, *for* Duymraia *read* Duymæra.
„ 80, *for* Aclia *read* Aclis.
„ 94, *for* Lithophago *read* Lithophaga.
„ 101, *for* Amblytetes *read* Amblytelus.
„ 102, *for* Rhyssus *read* Rhyssa.
„ 115, *for* Protenia *read* Proternia.
„ 123, *for* Dolichermis *read* Dolichernis.

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INTRODUCTION.

HISTORICAL.

THE foundation of our knowledge of the fauna of New Zealand was laid by the naturalists who accompanied Captain Cook in his first and second voyages round the world. In the first voyage (1769-70) Sir Joseph Banks and Dr. Solander were the naturalists and Mr. S. Parkinson was the artist. In the second voyage (1773-4) Dr. J. R. Forster was the naturalist and his son George was the artist. The information thus obtained at so much labour was nearly lost to the world by the Government declining to publish the results. The original drawings of Mr. S. Parkinson and Mr. G. Forster, as well as the manuscript notes of Dr. Solander, are still in the British Museum.

The birds were described, from Parkinson's and Forster's drawings, by Latham in 1781-92, in his *General Synopsis of Birds*; and these descriptions were incorporated by Gmelin in his edition of the *Systema Naturæ Linnei*, 1788, when scientific names were given to the species. The manuscript of Dr. Forster's description of the fishes was published by Schneider in his edition of Bloch's *Systema Ichthyologiæ*, generally with Forster's own names, but sometimes with new ones, and ultimately Forster's descriptions of both birds and fishes were published in Berlin in 1844, under the name of *Descriptiones Animalium quæ in itinere ad maris australis terras per annos 1772, 1773 et 1774 suscepto collegit, observavit et delineavit Joannes Reinhold Forster*.

The few insects brought home by Sir Joseph Banks were described in 1774-5 by Fabricius, and some of the types are retained in the British Museum. Dr. Solander described a few

shells in 1784; and others, collected by the Forsters, were described by Chemnitz in 1781-8, and Martyn in 1784.

All this has complicated the nomenclature a good deal. Speaking of the Fishes Dr. Gill says: 'It is to be remarked that some of the species described by Forster have each received two names. Schneider, with the propensity common in his time to change a name because it did not seem to be as good a one as could be given, substituting for Forster's one of his own which suited him better. Nevertheless, Forster's, in every case but one, was also given. Forster's names were therefore actually published at the same time as Schneider's and in connection with Forster's own descriptions. Whose names, then, shall be adopted—Forster's or Schneider's? Opinion has differed on this point, some accepting Forster's, others Schneider's.*

The next contribution to our knowledge was made when the French corvette *Coquille* visited the Bay of Islands in 1822, when the naturalists on board, MM. Lesson and Garnot, added three new species of birds to our fauna.

In 1827 the same ship, but now named the *Astrolabe*, examined all our outlying islands, and remained for some time in Queen Charlotte's Sound. The naturalists, MM. Quoy and Gaimard, were assiduous collectors, especially of Mollusks, and their results were published by the French Government in 1833.

In 1840 Dr. E. Dieffenbach travelled through the North Island of New Zealand and the Chatham Islands for the New Zealand Company, and the collections he brought back with him were described by Dr. J. Gray and Dr. Richardson in the appendix to Dieffenbach's travels. In this book also Dr. J. Gray, Director of the British Museum, gave a list of the then known fauna of New Zealand.

In the same year the United States Exploring Expedition, under Captain Wilkes, visited Akaroa and the Bay of Islands, and the birds collected were described by Peale in 1848; the shells by Aug. Gould in 1852; the Crustacea by J. D. Dana in 1855.

In 1841 the French ships *Astrolabe* and *Zélée* visited the Auckland Islands, Port Chalmers, Akaroa, and the Bay of Islands. The records of this voyage, called *Voyage au pôle Sud*, were pub-

* *Memoirs of Nat. Acad. Sciences, Washington*, vi. p. 95.

lished between 1841 and 1846, the natural history portion being by Hombron and Jacquinot. The New Zealand collections consisted of birds, shells, crabs, and beetles.

In the same year, 1841, H.M.S. *Erebus* and *Terror*, under the command of Sir James Ross, visited Campbell Island, the Auckland Islands, and the Bay of Islands, and the zoological results of the voyage were partly published in 1846. This included the Mammals by Dr. J. Gray, the Birds by Mr. G. Gray, the Fishes by Sir John Richardson, and part of the Insects by Mr. A. White. The publication was then interrupted for want of funds, but was completed in 1874, Mr. A. G. Butler taking the remainder of the Insects, Mr. E. J. Miers the Crustacea, and Mr. E. A. Smith the Mollusca.

By this time the colony had been established in the north, and some of the residents of Auckland collected and sent their specimens to the British Museum. The principal of these were Dr. Greenwood, who collected land shells, and Colonel Bolton, who collected insects. The insects were described by Mr. F. Walker, in his catalogues of the insects in the British Museum; and the shells partly by Dr. J. Gray and partly by M. Pfeiffer, in the *Proceedings of the Zoological Society* and the *Malakozoologische Blätter*.

During the years 1847-9 H.M.S. *Acheron* was engaged surveying the coast of the islands, and the surgeon, Dr. Lyall, made a collection of Polyzoa, which were described by Mr. G. Busk in his catalogue of the Polyzoa in the British Museum.

In 1859 the Austrian frigate *Novara* visited Auckland, and descriptions of the zoological collections were published in Vienna in 1864-9. Unfortunately sufficient care was not taken to keep the New Zealand collections separate from those made in Australia and other parts of the world, and this has led to much confusion.

H.M.S. *Challenger* visited Wellington in 1874, and the collections, chiefly of deep-sea animals, were described in the well-known series of '*Challenger*' Reports.

In the same year, 1874, the French Transit of Venus Expedition established a station on Campbell Island, and the naturalist of the expedition, Dr. H. Filhol, collected and examined the animals. Subsequently he made a collecting tour in several parts of New Zealand, and the results were published in 1885 in the *Mission de l'île Campbell*. The anatomy of the penguins, and a

catalogue of the New Zealand Crustacea are the most important papers.

The German expedition for the same object visited Auckland Island, when Dr. Krone collected a few Diptera and land Mollusca.

In 1879 Mr. E. Meyrick visited New Zealand, and for several years collected and described the Lepidoptera.

Meantime local naturalists had been very active. The New Zealand Institute was established in 1868, and its annual volume has always contained valuable contributions to the zoology of New Zealand.

Several descriptive catalogues, by different authors, were published between 1871 and 1880. The first edition of Sir W. Buller's *Birds of New Zealand* appeared in 1873, the second edition in 1888. Mr. G. V. Hudson's *New Zealand Moths and Butterflies* in 1898. Other papers, in various publications, will be found mentioned in the index.

ELEMENTS OF THE NEW ZEALAND FAUNA.

Omitting a few stragglers among the birds, fishes, and butterflies, which have failed to establish themselves, the New Zealand fauna consists of two parts, one migratory, the other stationary.

The migratory portion, which is very small, includes two cuckoos and three or four species of *Limicola*, which reach us every October from the north through New Caledonia and Lord Howe Island, and leave in or about March.*

Among the list of fishes several names will be found of forms which are properly inhabitants of warmer seas than those of New Zealand, and are, no doubt, wanderers from the north. Such are *Lampris*, *Brama*, *Sphyræna*, *Murena*, and *Ophisaurus*. The Mackerel (*S. australasicus*) and the Sprat (*C. antipodum*) are irregular visitors to our coasts; while two species, the Kingfish (*Seriola lalandii*), and the Trevally (*Caranx georgianus*), appear to perform a regular migration, leaving us in the winter for the north. But very little is as yet known of their movements.

Of our fresh-water fishes, *Retropinna richardsoni*, *Galaxias attenuatus*, and the Eels (*Anguilla*) migrate to the sea to spawn, and the young fish ascend the rivers in the spring. The Lamprey

* *Trans. N. Z. Inst.* vol. xxxii. p. 251.

(*Geotria*) breeds in the fresh water, but the young go down to the sea and reascend the rivers, while immature, in the spring, remaining there to breed. *Prototroctes* breeds in fresh water, and probably never goes to sea. The other species of *Galaxias* and *Eleotris* remain in fresh water all their lives.

The stationary portion forms the bulk of the fauna; and it may be divided into a small aboriginal element, including species which have no near relatives elsewhere, and larger Malayan, Australian, and Antarctic elements, as well as several other smaller ones. In many cases, however, it is hard to say in which group a species should be placed, for its relations are so widely scattered. Taking a broad view of the whole fauna, however, it may be said that the terrestrial portion is chiefly of Malayan origin, but with rather strong Palæarctic and Neo-tropical connections. The fresh-water fishes and crustacea are chiefly Australian and South American, while the relations of the fresh-water mollusca are not known to me. The marine fauna is chiefly Australian and Antarctic.

I will give a short account of each of these different elements.

The Aboriginal Element.—Includes the Short-tailed Bat (*Mystacops*), the Tuatara (*Sphenodon*), and the Kiwi (*Apteryx*). To which may be added the following birds: *Glaucopsis*, *Heteralocha*, *Turnagra*, *Xenicus*, *Stringops*, and *Nestor*. Also the land mollusk *Carthea*; and the following among the insects: *Oniscigaster*, *Orectognathes*, *Paradetis*, *Notoreas*, *Palaeomicra*, *Mneoarchica*, *Arctoneura*, *Casa*, *Paradoxa*, *Opifex*, *Tinemyia*, *Fraudator*, *Ostenia*, *Exsul*, *Brounia*, *Camiarus*, *Epistranus*, *Cyphotelus*, *Alema*, *Peneticus*, *Aphilon*, *Lorelus*, *Astetholes*, *Gastrosarus*, and others. It is not necessary to assume that all these aboriginals date their arrival in New Zealand at the same time, for some may have become modified more rapidly than others. But most of them appear to belong to old forms, and probably they were among the first comers.

The Malayan and Melanesian Element.—This embraces nearly the whole of our land fauna, and a considerable portion of the marine fauna as well. I should define it as including all those species which have their nearest relatives in New Caledonia, New Guinea, or the Malay Archipelago; and whose ancestors, presumably, came to New Zealand from the north. It includes all the land birds—except those just mentioned, and *Zosterops*—all

lizards,* some fishes like *Erythrichthys*, *Parapercis*, and *Eleotris*. Nearly the whole of the land Mollusca, including *Endodonta*, *Placostylus*, *Rhytida*, *Athoracophorus*, also many marine and fresh-water shells, *Monilea*, *Xenophora*, *Unio*, and a very large number of insects, including the whole of the *Phasmide* and *Stenopelmatidæ*. The Katipo Spider (*Latrodectes*) must also be included in this group, for it is found not only in Australia, but in the Malay Archipelago and India. There is also a closely allied form in Chili. *Scyphax*, a terrestrial isopod, occurs only in New Zealand and New Caledonia. *Armadillo* also is distinctly Melanesian.

The Ethiopian Element.—This is small, but remarkable. Most noticeable is the relation between the extinct *Dinornithidæ* and the also extinct *Epiornithidæ* of Madagascar. Our Fern-bird (*Sphenæacus*) belongs to a genus which is found only in New Zealand and South Africa, but it has a near ally in Madagascar. There is a curious and easily recognised beetle, called *Sternaulax*, which is also only found in New Zealand and Madagascar. And perhaps we should include the marine shell *Littorina mauritiana*, although it is also found in Australia.

The Oriental Element.—This includes species which have nearer relatives in the Oriental region than in the Malay Archipelago. Our tree lizards belong to a genus, *Hoplodactylus*, found only in New Zealand, Queensland, and India; but there are some related forms in New Caledonia and the Malay Archipelago. Our frog, *Leiopelma*, has its nearest relative in China, and there are no known representatives of the family to which it belongs either in Australia or in the Malay Archipelago. The black butterfly, *Percnodaimon*, is a north temperate alpine form, and is said to have its nearest relative in the Himalaya. Also the May fly, *Ichthyotus*, is close to Ephemera of the northern temperate regions and India. The genus of marine shells, *Ethalia*, is not found nearer to New Zealand than Borneo.

Probably both the Ethiopian and Oriental elements ought to be placed with the Malayan element, the connecting links in the Malayan Archipelago having been exterminated or not yet found.

The Australian Element.—This I take to mean those species

* *Gehyra oceanica* may have been brought to New Zealand by the Maoris in their canoes, among the food stores. For undoubtedly it is by this means that it has become distributed through the islands of the Pacific Ocean.

which have nearer relations in Australia or Tasmania than in any other part of the world, and which we may suppose came to New Zealand from the west. The Australian element in New Zealand does not include any species connected with the ancient typical Australian fauna, but is entirely made up of forms belonging to the Malayan element in the Australian fauna which overran Australia and Polynesia at a comparatively late date.

We have, therefore, two possible explanations of our Australian connection. Either (1) the ancestors of our animals crossed the Tasman sea and so came to us from the west, or (2) the relationship may be due to two branches of northern immigrants from New Guinea, one taking the line to Australia, the other to New Zealand. The first group forms the true Australian element, while the second group ought properly to be placed with the Malayan element; but it is not always easy to say from which direction the ancestors of our animals came. For example, the marine spider, *Uliodon maritima*, was first found in New Zealand and then in New South Wales, and was of course considered as belonging to the Australian element, but it has lately been found in New Caledonia.

I should select as examples of the Australian element the bat, *Chalinolobus morio*; and among birds, *Zosterops cærulescens*, *Hæmatopus unicolor*, and *Spatula rhynchotis*; several marine fishes, e.g., *Arripis* and *Latris*; the land-shell, *Laoma*; some marine mollusca, like *Megatebenus*; some crabs, such as *Paramithrax*, *Nectocarcinus*, and *Ozium truncatus*. The fresh-water isopod, *Phreatoicus*, and two or three land isopods; beetles like *Pyronota*, *Adelium*, *Chrosis*, and others; several moths, and perhaps the Land Planarians. *Diporocheata*, an earthworm from the Chatham Islands, may perhaps be added, although it is far more probable that these worms came to us by land from the north. There are also several species of Myriapods common to New Zealand and Australia or Tasmania, but these are easily conveyed in fruit, and may be late introductions.

When we consider that Tasmania and the South Island of New Zealand are in the region of strong westerly winds, and that gales are constantly traversing the Tasman Sea, we should expect to find the Australian element much stronger than it really is.

The Antarctic Element.—These are the animals whose ancestors we suppose came to New Zealand from the south or east, as we find that their relations are confined to southern latitudes. It

contains chiefly marine forms, such as seals, penguins, cormorants, and the black-backed gull, as well, perhaps, as the black oyster-catcher. There are also several fishes, both fresh-water and marine. The former comprise *Cheimarichthys*, *Prototroctes*, *Galaxias*, and *Geotria*, but as a close relation to *Galaxias*—called *Cromeria*—has lately been found in the Upper Nile, and a *Galaxias* in South Africa, we must reconsider our opinions about that genus. *Galaxias attenuatus* and the Lamprey are migratory, spending some parts of their lives in the sea. Of the marine Antarctic fishes we have *Notothenia*, *Bovichthys*, *Congiopodus*, *Genypterus*, *Gonorhynchus* and *Callorhynchus*. There are also several Antarctic crustaceans, such as *Cyclograpsus*, *Halicarcinus planatus*, *Rhynchocinetes typus*, *Leander affinis* and *Sphæroma gigas*.

Of marine mollusca there are *Ranella argus*, *Struthiolaria*, *Plaxiphora*, *Callochiton*, *Venus stutchburyi*, *Solenella australis*, *Mytilus magellanicus*, and others. Also our Brachiopods are more closely related to those of the Straits of Magellan than they are to the Brachiopods of Tasmania. The family of earthworms called *Acanthodrilidæ* is abundant in New Zealand, Patagonia, South Africa, and Kerguelen Land, while it is almost absent from Australia and Tasmania. It occurs, however, in New Caledonia, India, and the West Indian Islands, and so can hardly be considered as of Antarctic origin.

There may also be a few land invertebrates belonging to the Antarctic element, for the spider, *Tetragnatha gulosa*, is said to be found in the Chatham Islands, as well as in the island of St. Paul, but it may have been brought by a whaler.

I know of no insects that have a true Antarctic distribution.

The Neo-tropical Element.—The Merganser of the Auckland Islands has its nearest relative in Brazil. Our Blue Duck, *Hymenolæmus*, forms, with *Salvadorina* of Waigou and *Merganetta* of the Andes, a distinct sub-family. And if Mr. Pycraft is right in his opinion that the *Dinornithidæ* are more closely allied to the Rhea than to the Cassowary or Emu,* then this evidence must be added to the rest connecting New Zealand with South America, and perhaps Madagascar.

The Neo-tropical element is tolerably abundant in our insects. The Crane-fly, *Tanyderus*, is found in Amboina and Chili, while

* *Trans. Zool. Soc.* xv. p. 264.

Macromastix is Australian as well as Chilian. Our large Dragon-fly, *Uropetala*, is related to *Petalura* of Australia, and *Phenes* of Chili. In the Coleoptera there are the genera *Tropopterus* and *Lagrioda*. In the Lepidoptera we have the butterfly *Argyro-phenga*, and the moths *Gonophylla*, *Drepanodes*, and other of the *Notodontina*, which are more nearly related to Chilian species than to those of Australia, as also are the species of *Diptychophora* and *Siculodes* in the *Pyrilidina*. Our fresh-water Crayfish, *Paranephrops*, is also closely related to those of Australia and South America.

The earthworms of the genus *Microsolex* are chiefly South American, but they are found in California and Madeira as well. The distribution of the little fresh-water, external parasitic worms called *Temnocephala* is very instructive. They occur not only in New Zealand and Australia but also in Mexico, Brazil, and Chili, as well as in the Malay Archipelago, the Philippine Islands, and Madagascar. They usually live on fresh-water crayfish; but in the Malay Archipelago they live upon fresh-water crabs; and in Brazil on fresh-water Chelonians and on *Ampullaria*. In both these places there are no fresh-water crayfish.

The Nearctic Element.—We find a small Nearctic element in the May-flies, *Coloburiscus* and *Ameletus*, found only in New Zealand and North America. Also in the fresh-water shell *Latia*, which is living in New Zealand and fossil in North America. It is closely related to *Gundlachia*, which inhabits Tasmania and North America. The little leach *Microbdella Novæ Zealandiæ* is also congeneric with a species from North Carolina.

The Palearctic Element.—We have also some animals which show a close connection with species of Europe and Northern Asia, but which have no nearer relatives in the tropics. These includes the so-called bipolar forms, most of which are marine.

Among the whales we have the species of *Balenoptera* and *Ziphius cavirostris*, and perhaps all the southern baleen whales should be included. The Black Teal (*Fuligula Novæ Zealandiæ*) must also be looked upon as a bipolar form; and it has a companion in the extinct *Anas* (?) *finschi*, which, according to Van Beneden, is closely allied to *Clangula*.

Among the fishes we have some deep-sea forms like *Hulagyreus johnstoni*, *Alepisaurus ferox*, *Argentina*, and *Lepidopus caudatus*. But others do not inhabit the deep sea, e.g., *Zeus jaber*, *Cyttus*, *Polyprion*, *Conger vulgaris*, *Scymnus lichia*, *Echinorhinus*

spinus, and *Acanthias vulgaris*. There are also a few crustacea and mollusca, such as *Saxicava artica* and *Mytilus edulis*, as well as many polyzoa, of which the southern forms are considered to be identical with those inhabiting the northern seas.

But bipolar species are not exclusively marine. *Retropinna* belongs to the northern *Salmonidæ*. The fresh-water spider *Cambridgea* is almost identical with *Argyroneta* of Europe. *Lycosa piratica* is also found in New Zealand under conditions which make its importation by man very improbable. *Brachaspis*, a flightless grasshopper, is related to *Pezotettix*; and among the beetles there are *Cillemum*, *Trogophleus*, *Pycnomerus*, *Philothermus*, *Dendrophagus*, *Telmatophilus*, *Betarmon*, and others.

Attempts have been made to account for the Scandinavian element in the New Zealand flora by the supposition of a general glacial epoch all over the world, during which the Arctic plants passed from mountain top to mountain top through the tropics. But it is now considered very doubtful if there ever was a general glacial epoch, and even if there was one it could not explain the occurrence in New Zealand of northern beetles, grasshoppers, and spiders. It seems more probable that these bipolar forms at some former time inhabited the tropics; but that owing to variation and change being more rapid in warm than in cold climates—a statement not yet proved—the older forms were exterminated in the warmer regions, being replaced by their more highly developed descendants, the present tropical fauna.

The Atlantic Island Element.—Lastly we see in some of the beetles a remarkable connection between the islands of the Atlantic and those of the Pacific, in which New Zealand shares. This is shown by the genera *Rhynchogonus*, *Acalles*, *Pentarthrum*, and *Aglycyderes*, all belonging to the *Rhynchophora*; and *Xenoscelis*, belonging to the *Nitulidæ*. It is most probable that these, also, are relics of a former more universal distribution; the islands serving as harbours of refuge, while their continental relations were exterminated.

Of Uncertain Origin.—The distribution of *Peripatus* is difficult to explain, as it is found in the West Indies, Central and South America, and South Africa, as well as in the Malay Peninsula, New Britain, Australia, and New Zealand. It is supposed to have originated in Central America, and to have migrated from thence. If this is correct, it could not have reached Chili before the Miocene period, for before that time

South America was isolated from the North. At any rate it cannot be considered as an Antarctic form, and I am inclined to place it in the Neo-tropical element.

NEW ZEALAND NOT AN OCEANIC ISLAND.

An examination of the pages of this Index will show that the New Zealand fauna is not altogether an insular one—that is, one that has crossed over an oceanic barrier—but is largely derived through a former connection with the mainland.

(1) In the first place we have a number of animals which it is impossible to believe crossed over the sea :—

The Tuatara and lizards, as well as the frog ;

Our large land mollusca and slugs ;

The fresh-water shells, and especially *Unio* ;

The fresh-water cray-fish ;

Many insects, such as the large *Curculionidæ* ; the wingless grasshoppers ; *Stenopelmatidæ*, and *Phasmidæ* ;

Many of the *Neuroptera*, which pass most of their lives in fresh water ;

The earth-worms and land planarians.

Perhaps the Kiwi and Moas should be mentioned, but it is possible that their ancestors may have flown across a moderately broad strait.

(2) In the second place, the relations of the fauna are not what we should expect if they had been over-sea wanderers ; for the Tasmanian and Australian element is weak in comparison with the Malayan element.

(3) Thirdly, the low type of a great part of the fauna, which, however, shows a great variety of forms, especially in the insects. The fauna is essentially an old one, and many of the higher types are absent.

(4) Fourthly, the occurrence of migratory birds which could never have found their way here if they had not originally followed a land connection.

(5) Fifthly, the number of gymnosperms and orchids in the flora—plants which are not found on oceanic islands—confirms the conclusion arrived at from the animals.

To explain the connection between New Zealand and some ancient land it is necessary to assume the existence of a former continent, either in the Antarctic regions or in the Pacific, of which Patagonia, Australia, New Guinea, and New Zealand formed

parts. But in either case the land communication must have been broken up a very long time ago, because the Indo-Pacific marine fauna differs so much from that of South America.

The land mollusca of Polynesia furnish the best evidence for a former Pacific continent. For, as Mr. H. Pilsbry has pointed out, it is not a collection of waifs and strays, but a harmonious group of a very early type. These land shells—belonging to the genus *Endodonta*—occur all through the Polynesian Islands, New Zealand, Eastern Australia, New Guinea, the Philippine Islands, and have an outlier in Ceylon. This outlier furnishes good evidence that the ancient type at one time inhabited India, Burma, and the Malay Peninsula, and that its migration has been from the north and not from the south. But as this genus is not known to extend to South America, the evidence fails to explain the South American connection.

The best zoological evidence for a former Antarctic continent is furnished by the earth-worms belonging to the family *Acanthodrilidæ*, which do not occur anywhere in the Northern Hemisphere, and are very scarce in Australia, but common in New Zealand and New Caledonia. However, there is an outlier in Madagascar which seems to imply a northern origin for the family. The floras of the Antarctic Islands are also considered as evidence of a former Antarctic continent, or group of Antarctic islands.

OUTSIDE EVIDENCE.

We cannot study the geographical relations of the New Zealand fauna with any prospect of success without taking into consideration the faunas of neighbouring countries, and there are two subjects of special importance to which I must draw attention.

(1) The first is the fact that Australia shows a connection with South America in which New Zealand does not share. We see this in the Mammalia, the family of fresh-water tortoises called *Chelydidae*, the extinct tortoise *Miolania*, and in the snakes belonging to the families *Tytopidae* and *Ilysiidae*, as well as three sub-families of the *Colubridæ*; also the frogs and the fresh-water fishes *Osteoglossum* and *Ceratodus*, the latter having been found fossil in Patagonia. In addition there are a large number of insects, such as *Gnostidae*, *Buprestidae*, and *Longicornia*, among the beetles, and *Castniidae* among the moths. And in this con-

nection we must remember the outliers of the *Iguanidæ* found in Fiji and in Madagascar.

The Australian Neo-tropical element is therefore much more considerable than that of New Zealand, and is chiefly subtropical; while that of New Zealand is temperate. Also it should be noticed that the Chilian and Patagonia fauna consists of two parts—(a) an older indigenous fauna, and (b) a later immigrant fauna from the north. The Australian and New Zealand connections are entirely with the older fauna.

(2) The second important fact is the poverty of the present Antarctic terrestrial fauna and flora. Only a small beetle, a dipterous insect, and two or three species belonging to the *Collembola*, as well as a few kinds of mosses and lichens, have been found there: a striking contrast to the fauna and flora of similar climates in the Arctic regions.

Now, it is evident that the insects could not have been blown or carried to where the mosses happened to be. Their ancestors must have travelled to their present positions by land; and, this being so, we have two possible explanations to account for the difference between Arctic and Antarctic floras and faunas:

1. The mosses and insects may be survivals from a time when no angiospermous plants were in existence, the land on which they live having been isolated from other lands ever since. This supposes them to be relics of the Jurassic period.

2. The present fauna and flora may be the remains of a more extensive flora and fauna which once inhabited the southern regions, but which has been destroyed by a glacial epoch. In this case it is necessary to explain how it is that we find such remarkable floras on southern islands like Kerguelen, Macquarie, and Hermite, not very far north of the desolate regions of the South Shetlands and Victoria Land. It is to be hoped that the Antarctic explorations now going on will throw some light on this question.

DATE OF ISOLATION.

In estimating the time or times when New Zealand was connected with the mainland, we must first take into consideration the great differences between its fauna and those of Australia, South America, and South Africa. This shows decisively that the period of connection was a very ancient one, for New Zealand must have been isolated before the spread of

many groups of animals, and must have remained isolated ever since.

Professor Gill, writing about the fishes, says that 'the number of species apparently peculiar to the province, and, therefore, modified from other or earlier representatives, indicates a long period of isolation in accordance with its distance from the nearest continents and the depth of the intervening ocean.' He thinks it probable 'that there existed some terrestrial! passage-way between the several [Antarctic] regions at a time as late as the close of the Mesozoic. The separation of the several areas must, however, have occurred little later than the earlier Tertiary, inasmuch as the salt-water fishes of corresponding isotherms found along the coasts of the now widely-separated lands are to such a large extent specifically different.' 'In general,' he says, 'change seems to take place more rapidly among marine animals than fresh-water representatives of the same class.' And thus he explains the closer relations in *Galaxias* and *Geotria* than in the marine fishes.

Mr. H. A. Pilsbry thinks that the *Epiphallogonous* land-snails invaded New Guinea from the north before the Eocene period, and yet they were unable to reach New Zealand.

It must be remembered that the flora of New Zealand shows the same elements as the fauna, and, as the Antarctic plants are far more numerous than the undoubted Antarctic land animals, I tried a good many years ago to use them as a means of ascertaining whether the migration from the north occurred before or after the east and west migration. And, judging by the extent of modification the two elements among the plants have undergone in New Zealand, I arrived at the conclusion that the tropical migration, taken as a whole, was anterior to the Antarctic migration.

A study of the fauna confirms this opinion. For while in the Malayan element we find a large number of endemic genera, the Antarctic element consists largely of species which are found elsewhere; or, like the shags, are only slightly modified. This shows that their spread has been later.

This conclusion, however, does not prevent us from supposing that some Antarctic immigrants may have been in New Zealand as long or even longer than some Malayan immigrants. For there may have been several periods of migration.

Indeed, the Malayan element in the fauna shows considerable

differences in modification. In all the orders of insects we can recognise that certain families are probably late comers, for they are made up of fragmentary groups, and the genera are rarely endemic. For example, we have in the *Lepidoptera*, the *Papilionina*, the *Sphingidæ* and the *Arctiadæ*; in the *Diptera* we have the *Muscidæ*; in the *Hymenoptera*, the *Apidæ* and *Pompilidæ*; in the *Coleoptera*, the *Cicindelidæ*, *Buprestidæ*, and the *Lamellicornia*; in the *Hemiptera*, the *Pentatomidæ* and *Cicadidæ*: in the *Orthoptera* we have the *Gryllidæ*, *Locustidæ*, and *Blattidæ*; in the *Neuroptera*, the *Odonata*.

On the other hand, there are groups which are comparatively well represented, and we recognise them as ancient inhabitants because a large proportion of the genera are endemic. Thus in the *Lepidoptera* we have the *Scopariidæ* and the *Tineina*; in the *Diptera*, the *Tipulidæ*; in the *Hymenoptera*, the *Formicidæ*; in the *Coleoptera*, the *Pselaphidæ*, *Colydiidæ*, *Dascyllidæ*, and the *Curculionidæ*; in the *Hemiptera*, the *Fulgoridæ*; in the *Orthoptera*, the *Stenopelmatidæ* and *Phasmidæ*; in the *Neuroptera* we have the *Trichoptera*.

The Mud-fish (*Neochanna*) must have been a long time in New Zealand, because it has become so much modified; and if it is, as Dr. Gunther has suggested, a degraded form of *Galaxias*, then *Galaxias* must have been here for a still longer time. But *Galaxias attenuatus* is found in Patagonia and Tasmania; and it is more closely related to *G. maculatus* of Tierra del Fuego and Patagonia than to any of the New Zealand or Australian species. From which it is evident that it must either have spread at a comparatively late period from New Zealand to Patagonia, or that *Galaxias* has been introduced twice into New Zealand.

Again, in the Antarctic element, the earth-worms point to a period of distribution long anterior to that of the marine fishes, Crustacea and Mollusca, which form the greater part of the group; so that here, also, we seem to have two different periods of migration.

The connection between New Zealand and South America shown by those species the geographical relations of which are also Malayan, and which cannot be considered as Antarctic, appears to have been at a very remote period. No species are identical, and only a few genera, chiefly in insects. In birds such as *Hymenolæmus* and the Struthious birds, the relations are between members of the same family only. It is the same with the

Australian-South American connection, as shown by the frogs and the parrots. The latter are a group of birds which probably originated in the Malay Archipelago or Australia and spread to South America. According to Professor W. K. Parker, the Australian Magpies (*Gymnorhiza*), and the Wood-swallows (*Artamus*), and even some of the Fly-catchers (*Petroica*) are more closely related to South American birds than to any others.* And Professor Huxley says that there is a close relation between the *Megapodide* and the *Cracide* of South America.† But all these relations are distant, and imply a very ancient connection.

GEOLOGICAL EVIDENCE.

We will now see what light the geology of New Zealand throws on these questions.

In the Triassic period New Zealand appears to have formed part of the eastern coast line of a continent which probably included Australia and Tasmania. In the middle of the Jurassic period—the date is not very certain, for the fossils have not yet been properly examined—this state of things changed, and the range of mountains running from Stewart Island to the East Cape was formed, and with it the branch range from Taupo to the North Cape. From that time forward the connection with Australia has been slight, as proved by the difference in the fossils, so that we may assume that the Tasman Sea was formed at the same time as the New Zealand Alps, and that it has been in existence ever since. Any subsequent direct land communication between New Zealand on the one hand and Tasmania or Australia on the other, is highly improbable.

This mountain chain is of the Alpine type, and has a granitic core, consequently when it was first formed it probably extended further on each side than it does now; indeed, we see that the north-western portion has been largely removed by denudation. Since its formation it has been twice partially submerged, New Zealand in each case being reduced to a cluster of islands. The first of these depressions was in the Upper Cretaceous, the second in the Oligocene and Miocene periods. We also find evidence that the land stood lower than it does now in the

* *Trans. Zool. Soc.* x. p. 251, &c.

† *Pro. Zool. Soc.* 1868, p. 296.

Pleistocene and perhaps in the newer Pliocene. The evidence for the third depression consists of raised beaches and marine fossiliferous beds in the southern part of the North Island. We also know that Cook's Strait was in existence in the Pleistocene period, because the species of Moas found in the peat-bogs and alluvial deposits of the South Island are specifically different from those found in the North Island.

So we have the older Cretaceous, the Eocene, and the older Pliocene as periods during which New Zealand may have been of much larger dimensions than it is now.

The Cretaceous fossils have not yet been described except the plants. These differ much from those of Australia, but as Baron von Ettingshausen, who described them, had a very limited acquaintance with the existing flora of New Zealand, the names he has given to the fossils cannot always be relied upon as accurate. It is, however, evident that we have here the basis of our present Phanerogamous flora; and, if this is the case, it is a proof that the New Zealand mountains have not been totally submerged since the older part of the Cretaceous period.

A *Unio* has been found at the Malvern Hills, which may be taken as a proof of land communication between New Zealand and some other country in the lower Cretaceous period, for *Unio* is not known in any oceanic island.

With the plants and the fresh-water *Unio* no doubt there came a number of land animals, although we have not found any of their remains. Probably they were land mollusca, insects of various orders, myriapods and worms, but no vertebrates except *Sphenodon*.

The known Oligocene and Miocene faunas consist chiefly of marine mollusks, which differ very much from the contemporaneous mollusca of Australia. One remarkable peculiarity is that we have in the Miocene sixteen species of shallow-water invertebrates, which are also found in the Miocene of Patagonia, implying a shallow-water communication between the two countries. Many of the Mollusca are very large, much larger than those inhabiting the New Zealand coasts at the present day, so that we must suppose that the sea in the Miocene period was warmer than it is now.

Pectunculus laticostatus and *Dosinia grayi*, which are Eocene only in Australia, first appeared in New Zealand in the Miocene, and still live there. *Typhis* is Eocene in Australia, Miocene in

New Zealand, where it became extinct before the Pliocene. *Murex* and *Trophon*, both of which are Eocene in Australia, did not reach New Zealand until the Pliocene period. This appearance of shells in Australia before they are known in New Zealand shows that a large part of our present marine fauna reached us in Miocene and Pliocene times from Australia and not from an Antarctic continent.

In the coal-measures of Moreley Creek, Southland—probably of Eocene age—a *Unio* (*U. inflatus*) has been found which may have been derived from the Cretaceous *Unio* already mentioned. This species, however, appears to have become extinct without leaving any descendants. Probably it was killed off by the submergence in the Oligocene and Miocene periods.

In the lignite beds of the Dunstan in Otago—probably of older Pliocene age—another *Unio* has been found which appears to belong to our recent species, *Diplodon aucklandicus*, which is only a variety of *D. menziesii*. This species has its nearest allies in New Guinea, so that its existence in New Zealand in the older Pliocene is evidence that during that period New Zealand was in direct communication with New Guinea.

Under a lava stream at Timaru a few bones of a small moa (*Anomalopteryx antiqua*) and of an Apteryx have been found, which are either upper Miocene or lower Pliocene in age, and other Moa bones have been found in Pliocene beds near Napier, and footprints of Pliocene or Pleistocene moas have been found near Gisborne, but no trace of them has hitherto been found in either the Miocene or Eocene coal-measures.

The question whether or not a glacial epoch occurred in the southern hemisphere similar to that of the north, has an important bearing on the distribution of animals and plants. So far as New Zealand is concerned, there can be no doubt but that the glaciers of the South Island were formerly of much greater dimensions than they are now. But there is no evidence that they reached the sea, although some of the old moraines are now below the sea level, and there is no palæontological evidence of a colder climate in the Pliocene or Pleistocene periods than exists now. On the contrary, the evidence points to a gradual cooling ever since the Miocene period. On the whole it seems probable that the former extension of the glaciers was due to the land standing 3000 or 4000 feet higher in the older Pliocene times than it does now. The very distinct flora of the Antarctic

Islands is also evidence that no glacial epoch has taken place in the Southern Hemisphere.

The large proportion of shallow-water Miocene fossils common to Patagonia, New Zealand, and Australia proves that either in the Eocene or Oligocene, shallow water, warmer than it is at present, extended through the South Pacific ; but as none of the Miocene mammals nor land birds of Patagonia passed to New Zealand, there could not have been a continuous land connection. Probably it was a series of coral islands. This will account for the spread of the penguins, which are Oligocene in New Zealand and Miocene in Patagonia, but it is doubtful whether it will account for the insects. Certainly it cannot explain the connection between the Vertebrata of Australia and those of South America.

OUTLYING ISLANDS.

Of the outlying islands the Snares and Bounty Islands are composed entirely of granite, and no doubt at one time they formed part of New Zealand. The Kermadecs, Antipodes, and Auckland Islands are entirely volcanic. The Chatham Islands are volcanic, with some contemporaneous fossiliferous limestones and tuffs of early Miocene age, resting on a low platform of ancient schistose rocks, which form the northern portion of the largest island. Consequently these islands were formed in the Miocene period.

Campbell Island is also volcanic, on a basis of chalky limestone and tuffaceous beds, from which a few fossils have been obtained. The evidence is not sufficient to form any decided opinion, but the fossiliferous beds appear to be Oligocene in age.

Antipodes Island is formed largely of stratified volcanic tuffs, and the island appears to be a submarine volcano which has been subsequently elevated.

The geological structure of Macquarie Island is unknown to me.

The faunas of the Kermadecs, Antipodes, Snares, and Macquarie Island are very imperfectly known, except the birds. The only land animal on Bounty Islands is *Ischyroplectron isolatum*, an orthopterous insect, which was found by Captain Fairchild when turning over large stones to build the provision depot. The Bounty Islands have no vegetation except sea-weeds.

A Shining Cuckoo (*Chalcococcyx*), in an exhausted state, was

once seen on Macquarie Island ;* and formerly it was inhabited by rails and parrakeets. The Wood-hen (*Ocydromus*) now found on it was introduced by the Maoris for food.

The Chatham and Auckland Islands have fresh-water species of *Galaxias*, which do not appear to go down to the sea, and are similar to those of New Zealand. Pitt Island, one of the Chatham group, has a lizard closely related to *Lygosoma moko* of New Zealand. Both the Chatham and Auckland Islands have small forest birds, as well as slugs and beetles, none of which could cross over a sea barrier. We may therefore suppose that they were once connected with New Zealand, and derived the main part of their faunas overland.

Much the same may be said for the Snares ; but the case of Campbell Island is different. Here we have a *Galaxias* and a small land shell, but no resident land birds nor beetles. Three Godwit were shot in 1894 by Mr. Borchgrevink's exploring party : and the little *Zosterops* has made its way there, but there are no parrakeets nor larks. If, however, the presence of earth-worms is a proof of a former land connection with some larger mass, then at one time New Zealand must have extended through Campbell Island to Macquarie Island.

The number of endemic species, and even genera, among the land animals of these islands proves that they have been long separated, and altogether precludes the idea of a comparatively recent Antarctic continent connected with New Zealand. They also preclude the idea of a very cold climate having existed in the southern hemisphere since the islands were separated from New Zealand, that is since the Pliocene period. For this would have killed off most of the inhabitants.

* Campbell's *Nests and Eggs of Australian Birds*, p. 580.

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Reports, i. 32; P.Z.S. 1901, p. 44.

Neobalæna, Gray, 1871.

marginata, Gray. Hector, T.N.Z.I. x. 331; Beddard, T.Z.S. xvi. 87.

Megaptera, Gray, 1846.

longimana, Rudolphi. Challenger Reports, i. 30. *M. landii*, Hector, T.N.Z.I. x. 335.

Balænoptera, Lacépède, 1804.

musculus, Linnæus. *B. sibbaldi*, Hutton, T.N.Z.I. vii. 266.

physalus, Linnæus. *P. australis*, Hector, T.N.Z.I. x. 336;

B. musculus, Parker, T.N.Z.I. xvii. 3.

rostrata, Fabricius. Haast, T.N.Z.I. xiii. 169; Benham, P.Z.S. 1901, 280; *B. huttoni*, Hector, T.N.Z.I. x. 337; Benham, T.N.Z.I. xxxiv. 151.

Sub-order ODONTOCETI.

Family PHYSETERIDÆ.

Sub-family PHYSETERINÆ.

Physeter, Linnæus, 1766.

macrocephalus, Linnæus. Hector, T.N.Z.I. x. 337.

Cogia, Gray, 1846.

breviceps, Blainville. Hector, T.N.Z.I. x. 337; Benham, T.N.Z.I. xxxiv. 155; and P.Z.S. 1902, 54.

Sub-family ZIPHIINÆ.

Ziphius, F. Cuvier, 1823.

cavirostris, Cuvier. Hector, T.N.Z.I. x. 342; Challenger Reports, i. 27; Parker, P.Z.S. 1887, 342.

Mesoplodon. Gervais, 1850.

layardi, Gray. Hector, T.N.Z.I. x. 341; Haast, P.Z.S. 1876, 478; *C. guntheri*, Gray, A.M.N.H. 4, vii. 368.

hectori, Gray. Hector, T.N.Z.I. x. 339.

grayi, Haast. P.Z.S. 1876, 7 and 457; T.Z.N.I. ix. 450.

australis, Flower. T.Z.S. x. 419; *B. hectori*, Hector, T.Z.N.I. vii. 262.

haasti, Flower. T.Z.S. x. 419.

Berardius, Duvernoy, 1851.

arnouxi, Duvernoy. Hector, T.N.Z.I. x. 338.

Family DELPHINIDÆ.

Delphinapterus, Lacépède, 1804.

leucas, Pallas. Hector, T.N.Z.I. xvii. 209.

Cephalorhynchus, Gray, 1850.

hectori, Beneden. Hector, T.N.Z.I. xvii. 209; Flower, P.Z.S. 1883, 476. *E. clancula*, Hector, T.N.Z.I. ix. 350.

- Orca**, Gray, 1846.
gladiator, Gray. Hector, T.N.Z.I. xvii. 208.
- Pseudorca**, Reinhart, 1862.
crassidens, Owen. Hector, T.N.Z.I. xvii. 209.
- Globicephalus**, Lesson, 1842.
melas, Traill. Hector, T.N.Z.I. xvii. 209.
- Grampus**, Gray, 1846.
griseus, Lesson. *G. richardsoni*, Hector, T.N.Z.I. xvii. 209.
- Delphinus**, Linnæus, 1766.
delphis, Linnæus Hector, T.N.Z.I. xvii. 210; Flower, T.Z.S. xi. 1; *D. novæ zealandiæ*, Hutton, T.N.Z.I. ix. 349.
- Tursiops**, Gervais, 1855.
tursio, Buonaterre. Hector, T.N.Z.I. xvii. 210; Flower, T.Z.S. xi. 1; and P.Z.S. 1883. 478; *T. metis*, Hutton, A.M.N.H. 4, xvi. 357.
- Prodelphinus**, Gervais, 1880
obscurus, Gray. Flower, P.Z.S. 1883, 495; Hutton T.N.Z.I. ix. 349; Hector, T.N.Z.I. xvii. 211.
euphrosyne, Gray. Flower, P.Z.S. 1883, 497; Hector, T.N.Z.I. xvii. 211.

CLASS, AVES.

Sub-class CARINATÆ.

Order PASSERES.

Sub-order ACROMYODI.

Family CORVIDÆ.

- Glaucopis**, Gmelin, 1788.
cinerea, Latham. C.B.M. iii. 142; Buller, 'Birds of New Zealand,' i. 5.
wilsoni, Bonaparte. C.B.M. iii. 143; Buller, i. 1.

Family STURNIDÆ.

- Heteralocha**, Cabanis, 1851.
acutirostris, Gould. C.B.M. iii. 143; Buller, i. 7.
- Creadion**, Vieillot, 1816.
carunculatus, Gmelin. C.B.M. iii. 144; Buller, i. 18 and 21.

Family TURDIDÆ.

- Turnagra**, Lesson, 1831.
crassirostris, Gmelin. C.B.M. vii. 4; Buller, i. 31.
tanagra, Schlegel. C.B.M. vii. 5; Buller, i. 26.

Family SYLVIADÆ.

Sphenœacus, Strickland, 1841.

punctatus, Quoy and Gaimard. C.B.M. vii. 97; Buller, i. 60.

fulvus, Gray. C.B.M. vii. 98; Buller, i. 61.

rufescens, Buller. C.B.M. vii. 98; Buller, i. 62.

Family MUSCICAPIDÆ.

Petroica, Swainson, 1832.

macrocephala, Gmelin. C.B.M. iv. 176; Buller, i. 42.

toitoti, Garnot. C.B.M. iv. 174; Buller, i. 39.

Miro, Lesson, 1831.

albifrons, Gmelin. C.B.M. iv. 235; Buller, i. 36.

australis, Sparrmann. C.B.M. iv. 235; Buller, i. 33.

traversi, Buller. C.B.M. iv. 236; Buller, i. 38.

dannefordi, Rothschild. Nov. Zool. i. 688 (1894).

Pseudogerygone, Sharpe, 1878.

igata, Quoy and Gaim. C.B.M. iv. 218; Buller, i. 44 and 50.

albofrontata, Gray. C.B.M. iv. 222; Buller, i. 49.

Rhipidura, Vigors and Horsfield, 1827.

flabellifera, Gmelin. C.B.M. iv. 308; Buller, i. 69.

fuliginosa, Sparrmann. C.B.M. iv. 316; Buller, i. 72.

Family PARIDÆ.

Certhiparus, De Lafresnaye, 1842.

albicillus, Lesson. C.B.M. viii. 75; Buller, i. 53.

novæ-zealandiæ, Gmelin. C.B.M. viii. 76; Buller, i. 51.

Mahua, Lesson, 1837.

ochrocephala, Gmelin. C.B.M. viii. 76; Buller, i. 56.

Family MELIPHAGIDÆ.

Pogonornis, Gray, 1846.

cincta, Dubus. C.B.M. ix. 251; Buller, i. 101.

Anthornis, Gray, 1841.

melanura, Sparrmann. C.B.M. ix. 255; Buller, i. 85.

melanocephala, Gray. C.B.M. ix. 256; Buller, i. 92.

Prothemadera, Gray, 1840.

novæ-zealandiæ, Gmelin. C.B.M. ix. 257; Buller, i. 94.

Family ZOSTEROPIDÆ.

Zosterops, Vigors and Horsfield, 1827.

cærulescens, Latham. C.B.M. ix. 152; Buller, i. 77.

Family MOTACILLIDÆ.

Anthus, Bechstein, 1807.

novæ-zealandiæ, Gmelin. C.B.M. x. 616; Buller, i. 64.

aucklandicus, Gray. C.B.M. x. 617.

steindachneri, Reischek. T.N.Z.I. xxi. 388.

Sub-order MESOMYODI.

Family XENICIDÆ.

Acanthidositta, De Lafresnaye, 1842.*chloris*, Sparrmann. C.B.M. xiv. 451; Buller, i. 113.**Xenicus**, Gray, 1855.*longipes*, Gmelin. C.B.M. xiv. 452; Buller, i. 108.*gilviventris*, Pelzeln. C.B.M. xiv. 453; Buller, i. 111.**Traversia**, Rothschild, 1894.*lyalli*, Rothschild. Bull. Brit. Ornith. Club, iv. no. xxii. p. x.;*X. insularis*, Buller, Ibis, 1895, 236; T.N.Z.I. xxviii. 341.

Order PICARIDÆ.

Family ALCEDINIDÆ.

Halcyon, Swainson, 1821.*vagans*. Lesson. C.B.M. xvii. 271; Buller, i. 122.

Family CUCULIDÆ.

Chalcococcyx, Cabanis, 1863.*lucidus*, Gmelin. C.B.M. xix. 295; Buller, i. 132.**Urodynamis**, Salvadori, 1880.*taitensis*, Sparrmann. C.B.M. xix. 314; Buller, i. 127.

Order STRIGES.

Family BUBONIDÆ.

Ninox, Hodgson, 1837.*novæ-zealandiæ*, Gmelin. C.B.M. ii. 173; Buller, i. 192.**Sceloglaux**, Kaup, 1848.*albifacies*, Gray. C.B.M. ii. 187; Buller, i. 198.

Order PSITTACI.

Family NESTORIDÆ.

Nestor, Wagler, 1832.*notabilis*, Gould. C.B.M. xx. 4; Buller, i. 166.*meridionalis*, Gmelin. C.B.M. xx. 5; Buller, i. 150.

Family PSITTACIDÆ.

Sub-family PLATYCERCINÆ.

Cyanorhamphus, Bonaparte, 1854.*unicolor*, Vigors. C.B.M. xx. 581; Buller, i. 148.*novæ-zealandiæ*, Sparrmann. C.B.M. xx. 581; Buller, i.

137.

aucklandicus, Bonaparte. C.B.M. xx. 584.*erythrotis*, Wagler. C.B.M. xx. 586.*cyanurus*, Salvadori. C.B.M. xx. 587.*auriceps*, Kuhl. C.B.M. xx. 587; Buller, i. 142.*malherbei*, Souancé. C.B.M. xx. 590; Buller, i. 146 (*alpinus*).

Family STRINGOPIDÆ.

Stringops, Gray, 1845.*habroptilus*, Gray. C.B.M. xx. 599; Buller, i. 176.

Order ACCIPITRES

Family FALCONIDÆ.

Sub-family FALCONINÆ.

Nesierax, Oberholsen, 1899.*novæ-zealandiæ*, Gmelin. C.B.M. i. 372; Buller, i. 213.*australis*, Hombron and Jacquinot. C.B.M. i. 373; Buller, i. 220

Sub-family ACCIPITRINÆ.

Circus, Lacépède, 1806.*gouldi*, Bonaparte. C.B.M. i. 72; Buller, i. 206.

Order GALLINÆ.

Family PHASIANIDÆ.

Coturnix, Moehring, 1752.*novæ-zealandiæ*, Gmelin. C.B.M. xxii. 245; Buller, i. 225.

Order COLUMBÆ.

Family TRERONIDÆ.

Sub-family CARPOPHAGINÆ.

Hemiphaga, Bonaparte, 1854.*novæ-zealandiæ*, Gmelin. C.B.M. xxi. 236; Buller, i. 229.*chathamensis*, Rothschild. P.Z.S. 1891, p. 312; C.B.M. xxi. 239.

Order GRALLÆ.

Family RALLIDÆ.

Hypotænidia, Reichenbach, 1852.*philippensis*, Linnæus. C.B.M. xxiii. 39; Buller, ii. 95.*macquariensis*, Hutton, Ibis, 1879; C.B.M. xxiii. 43.*muelleri*, Rothschild. Bull. Brit. Orn. Club, 1893; T.N.Z.I. xxvi. 180; C.B.M. xxiii. 330; *R. brachypus*, Buller, ii. 100.**Nesolimnas**, Andrews, 1896.*dieffenbachii*, Gray. C.B.M. xxiii. 47; Buller, ii. 121.**Cabalus**, Hutton, 1873.*modestus*, Hutton, Ibis, 1872; C.B.M. xxiii. 331, plate 6.**Ocydromus**, Wagler, 1830.*earli*, Gray. Buller, ii. 115; *O. greyi*, Buller, ii. 105.*australis*, Sparmann. C.B.M. xxiii. 64 (part); Buller, ii. 116.*hectori*, Hutton, T.N.Z.I. vi. 110; *O. brachypterus*, Buller, ii. 119.*brachypterus*, Lafresnaye. C.B.M. xxiii. 67; *O. fuscus*, Buller, ii. 112.

- Porzana, Vieillot, 1816.
affinis, Gray. C.B.M. xxiii. 106; Buller, ii. 103.
tabuensis, Gmelin. C.B.M. xxiii. 111; Buller, ii. 101.
- Porphyrio, Brisson, 1760.
melanonotus, Temminck. C.B.M. xxiii. 205; Buller, ii. 79.
chathamensis, Sharpe, Ibis, 1893; C.B.M. xxiii. 202.
- Notornis, Owen, 1848.
hochstetteri, Meyer. Benham, T.N.Z.I. xxxi. 146; *N. mantelli*, C.B.M. xxiii. 208; Buller, ii. 85.

Order HERODIONES.

Family ARDEIDÆ.

- Herodias, Boie, 1822.
timoriensis, Cuvier. C.B.M. xxvi. 98; *A. egretta*, Buller, ii. 124.
- Notophoxyx, Sharpe, 1898.
novæ-hollandiæ, Latham. C.B.M. xxvi. 109; Buller, ii. 134.
- Demiegretta, Blyth, 1846.
sacra, Gmelin. C.B.M. xxvi. 137; Buller, ii. 128.
- Nycticorax, Rafinesque, 1815.
caledonicus, Gmelin. C.B.M. xxvi. 158; Buller, ii. 139.
- Ardetta, Grey, 1842.
pusilla, Vieillot. C.B.M. xxvi. 234; *A. maculata*, Buller, ii. 136.
- Botaurus, Brisson, 1760.
pœciloptilus, Wagler. C.B.M. xxvi. 258; Buller, ii. 142.

Order LIMICOLÆ

Family CHARADRIIDÆ.

Sub-family ARENARIINÆ.

- Arenaria, Brisson, 1760.
interpres, Linnæus. C.B.M. xxiv. 92; Buller, ii. 14.

Sub-family HÆMATOPODINÆ.

- Hæmatopus, Linnæus, 1766.
longirostris, Vieillot. C.B.M. xxiv. 112; Buller, ii. 16.
unicolor, Wagler. C.B.M. xxiv. 118; Buller, ii. 18.

Sub-family CHARADRIINÆ.

- Charadrius, Linnæus, 1766.
dominicus, Müller. C.B.M. xxiv. 196; *C. fulvus*, Buller, ii. 6.

- Ochthodromus**, Reichenbach, 1852.
obscurus, Gmelin. C.B.M. xxiv. 211; Buller, ii. 1.
bicinctus, Jardine and Selby. C.B.M. xxiv. 212; Buller, ii. 3.
- Thinornis**, Gray, 1846.
novæ-zealandiæ, Gmelin. C.B.M. xxiv. 304; Buller, ii. 11.
rossi, Gray. C.B.M. xxiv. 305.
- Anarhynchus**, Quoy and Gaimard, 1830.
frontalis, Quoy and Gaimard. C.B.M. xxiv. 306; Buller,
 ii. 9.

Sub-family HIMANTOPODINÆ.

- Himantopus**, Brisson, 1760.
picatus, Ellman. C.B.M. xxiv. 319; *H. leucocephalus*,
 Buller, ii. 21, and *H. albicollis*, Buller, ii. 27.
melas, Hombron and Jacquinot. C.B.M. xxiv. 323; *H. novæ-zealandiæ*,
 Buller, ii. 24.
- Recurvirostra**, Linnæus, 1766.
novæ-hollandiæ, Vieillot. C.B.M. xxiv. 333; Buller, ii. 20.

Sub-family TOTANIDÆ.

- Limosa**, Brisson, 1760.
novæ-zealandiæ, Gray. C.B.M. xxiv. 377; Buller, ii. 40.

Sub-family SCOLOPACINÆ.

- Limonites**, Kaup, 1829.
ruficollis, Pallas. C.B.M. xxiv. 545.
- Heteropygia**, Coues, 1861.
acuminata, Horsfield. C.B.M. xxiv. 566; Buller, ii. 37.
- Tringa**, Linnæus, 1766.
canutus, Linnæus. C.B.M. xxiv. 593; Buller, ii. 35.
- Gallinago**, Leach, 1816.
aucklandica, Gray. C.B.M. xxiv. 661; Buller, ii. 32.
huegeli, Tristram. C.B.M. xxiv. 663.
pusilla, Buller. C.B.M. xxiv. 663; Buller, ii. 33.

Order GAVIÆ.

Family LARIDÆ.

Sub-family STERNINÆ.

- Hydroprogne**, Kaup, 1829.
caspia, Pallas. C.B.M. xxv. 32; Buller, ii. 73.
- Sterna**, Linnæus, 1766.
albistriata, Gray. C.B.M. xxv. 48; Buller, ii. 70.
vittata, Gmelin. C.B.M. xxv. 51 and 456.
frontalis, Gray. C.B.M. xxv. 97; Buller, ii. 68.
fuliginosa, Gmelin. C.B.M. xxv. 106 and 457.
neréis, Gould. C.B.M. xxv. 112; Buller, ii. 75.

Procelsterna, Lafresnaye, 1842.

cinerea, Gould. C.B.M. xxv. 135; Buller, ii. 78.

Micranous, Saunders, 1895.

leucocapillus, Gould. C.B.M. xxv. 145; *A. melanogenys*,
Cheeseman; T.N.Z.I. xxiii. 221.

Gygis, Wagler, 1832.

candida, Gmelin. C.B.M. xxv. 149.

Sub-family LARINÆ.

Larus, Linnæus, 1766.

bulleri, Hutton. C.B.M. xxv. 233; Buller, ii. 58.

scopulinus, Gray. C.B.M. xxv. 238; Buller, ii. 56.

dominicanus, Lichtenstein. C.B.M. xxv. 245; Buller, ii. 47.

Family STERCORARIIDÆ.

Megalestris, Bonaparte, 1856.

antarctica, Lesson. C.B.M. xxv. 319; Buller, ii. 63.

Stercorarius, Brisson, 1760.

crepidatus, Gmelin. C.B.M. xxv. 327; Buller, ii. 66.

Order STEGANOPODES.

Family PHAËTHONTIDÆ.

Phaëthon, Linnæus, 1766.

rubricauda, Bodd. C.B.M. xxvi. 451; Buller, ii. 186.

Family FREGATIDÆ.

Fregata, Brisson, 1760.

aquila, Linnæus. C.B.M. xxvi. 443; Buller, ii. 182.

Family SULIDÆ.

Sula, Brisson, 1760.

serrator, Gray. C.B.M. xxvi. 428; Buller, ii. 177.

cyanops, Sundervall. C.B.M. xxvi. 430; Cheeseman,
T.N.Z.I. xxii. 223.

Family PHALACROCORACIDÆ.

Phalacrocorax, Brisson, 1760.

carbo, Linnæus. C.B.M. xxvi. 340; *P. nova hollandiæ*,
Buller, ii. 145.

varius, Gmelin. C.B.M. xxvi. 394; Buller, ii. 149.

sulcirostris, Brandt. C.B.M. xxvi. 376.

melanoleucus, Vieillot. C.B.M. xxvi. 398; Buller, ii. 173.

brevirostris, Gould. C.B.M. xxvi. 400; Buller, ii. 168.

punctatus, Sparrmann. C.B.M. xxvi. 354; Buller, ii. 164.

featherstoni, Buller. C.B.M. xxvi. 356; Buller, ii. 166.

chalconotus, Gray. C.B.M. xxvi. 369; Buller, ii. 162, and
P. glaucus, 163.

- Phalacrocorax, campbelli**, Filhol. C.B.M. xxvi. 387; *P. nycthemerus*, Buller, ii. 167.
colensoi, Buller. C.B.M. xxvi. 386; Buller, ii. 161.
stewarti, Ogilvie-Grant. C.B.M. xxvi. 385.
ranfurlyi, Ogilvie-Grant. Bull. B. O. Club, xi. (1901).
carunculatus, Gmelin. C.B.M. xxvi. 384; Buller, ii. 155;
P. huttoni, Buller, ii. 174.
onslowi, Forbes. C.B.M. xxvi. 385; *P. imperialis*, Buller, ii. 153.
traversi, Rothschild. Bull. Brit. Ornith. Club, viii. (1898).

Order TUBINARES.

Family PROCELLARIIDÆ.

Sub-family OCEANITINÆ.

- Oceanites**, Keyserling and Blasius, 1840.
oceanicus, Kuhl. C.B.M. xxv. 358; Buller, ii. 250.
Garrodia, Forbes, 1881.
neréis, Gould. C.B.M. xxv. 361; Buller, ii. 247.
Pelagodroma, Reichenbach, 1852.
marina, Latham. C.B.M. xxv. 362; Buller, ii. 248.
Cymodroma, Ridgway, 1884.
melanogaster, Gould. C.B.M. xxv. 364; Buller, ii. 249.

Family PUFFINIDÆ.

Sub family PUFFININÆ.

- Puffinus**, Brisson, 1760.
bulleri, Salvin. C.B.M. xxv. 371; Buller, ii. 240.
chlororhynchus, Lesson. C.B.M. xxv. 372; Buller, ii. 235.
gavia, Forster. C.B.M. xxv. 381; Buller, ii. 236.
assimilis, Gould. C.B.M. xxv. 384; Buller, ii. 239.
carneipes, Gould. C.B.M. xxv. 385; Buller, ii. 234.
griseus, Gmelin. C.B.M. xxv. 386; Buller, ii. 232.
tenuirostris, Temminck. C.B.M. xxv. 388; Buller, ii. 230.
Priofinus, Hombron and Jacquinot, 1844.
cinereus, Gmelin. C.B.M. xxv. 390; Buller, ii. 241.
Priocella, Hombron and Jacquinot, 1844.
glacialoides, Smith. C.B.M. xxv. 393; Buller, ii. 228.
Majaqueus, Reichenbach, 1864.
æquinoctialis, Linnæus. C.B.M. xxv. 395.
parkinsoni, Gray. C.B.M. xxv. 397; Buller, ii. 242.
Œstrelata, Bonaparte, 1855
macroptera, Smith. C.B.M. xxv. 399; Buller, ii. 245.
lessoni, Garnot. C.B.M. xxv. 401; Buller ii. 219.
nigripennis, Rothschild. C.B.M. xxv. 409.

- Œstrelata cervicalis**, Salvin. C.B.M. xxv. 411.
neglecta, Schlegel. C.B.M. xxv. 412; Buller, ii. 224.
gularis, Peale. C.B.M. xxv. 414; *Œ. affinis*, Buller, ii. 223.
axillaris, Salvin. C.B.M. xxv. 418.
cooki, Gray. C.B.M. xxv. 417; Buller, ii. 217.

Sub-family FULMARINÆ.

- Ossifraga**, Hombron and Jacquinot, 1844.
gigantea, Gmelin. C.B.M. xxv. 422; Buller, ii. 225.
Daption, Stephens, 1826.
capensis, Linnæus. C.B.M. xxv. 428; Buller, ii. 215.
Halobæna, Geoff. St. Hilaire, 1856.
cærulea, Gmelin. C.B.M. xxv. 431; Buller, ii. 214.
Prion, Lacépède, 1801.
vittatus, Gmelin. C.B.M. xxv. 432; Buller, ii. 211.
banksi, Gould. C.B.M. xxv. 434; Buller, ii. 210.
desolatus, Gmelin. C.B.M. xxv. 434; *P. turtur*, Buller, ii.
^{209.}
ariel, Gould. C.B.M. xxv. 436; Buller, ii. 212.

Family PELECANOIDIDÆ.

- Pelecanoides**, Lacépède, 1801.
urinatrix, Gmelin. C.B.M. xxv. 437; Buller, ii. 207.
exsul, Salvin. C.B.M. xxv. 431.

Family DIOMEDEIDÆ.

- Diomedea**, Linnæus, 1766.
regia, Buller. C.B.M. xxv. 443.
exulans, Linnæus. C.B.M. xxv. 441; Buller, ii. 189.
melanophrys, Boie. C.B.M. xxv. 447; Buller, ii. 198.
bulleri, Rothschild. C.B.M. xxv. 448.
Thalassogeron, Ridgway, 1884.
salvini, Rothschild. C.B.M. xxv. 450; *D. cauta*, Buller, ii.
^{203.}
culminatus, Gould. C.B.M. xxv. 451; Buller, ii. 201.
chlororhynchus, Gmelin. C.B.M. xxv. 451; Buller, ii.
^{202.}
Phœbetria, Reichenbach, 1852.
fuliginosa, Gmelin. C.B.M. xxv. 453; Buller, ii. 205.

Order IMPENNES.

Family SPHENISCIDÆ.

- Aptenodytes**, Forster, 1781.
patagonica, Forster. C.B.M. xxvi. 627; *A. longirostris*,
 Buller, ii. 306.

Pygoscelis, Wagler, 1832.

papua, Forster. C.B.M. xxvi. 631; *P. taniatus*, Buller, ii. 304.

Catarrhactes, Brisson, 1760.

chrysocome, Forster. C.B.M. xxvi. 635; Buller, ii. 290.

pachyrhynchus, Gray. C.B.M. xxvi. 638; Buller, ii. 287.

sclateri, Buller. C.B.M. xxvi. 640; Buller, ii. 289.

schlegeli, Finsch. C.B.M. xxvi. 643; *E. chrysolophus*, Buller, ii. 297 and 298.

Megadyptes, Milne-Edwards, 1880.

antipodum, Homb. and Jacq. C.B.M. xxvi. 644; Buller, ii. 294.

Eudyptula, Bonaparte, 1856.

minor, Forster. C.B.M. xxvi. 646; Buller, ii. 300 and 302.

albosignata, Finsch. C.B.M. xxvi. 648.

Order PYGOPODES.

Family PODICIPEDIDÆ.

Podicipes, Latham, 1787.

cristatus, Linnæus. C.B.M. xxvi. 544; Buller, ii. 283.

rufipectus, Gray. C.B.M. xxvi. 523; Buller, ii. 280.

Order ANSERES.

Family ANATIDÆ.

Sub-family ANATINÆ.

Casarca, Bonaparte, 1838.

variegata, Gmelin. C.B.M. xxvii. 183; Buller, ii. 264.

Anas, Linnæus, 1766.

superciliosa, Gmelin. C.B.M. xxvii. 206; Buller, ii. 251.

Nettion, Kaup, 1829.

castaneum, Eyton. C.B.M. xxvii. 252.

gibberifrons, S. Müller. C.B.M. xxvii. 254; Buller, ii. 261.

Elasmonetta, Salvadori, 1895.

chlorotis, Gray. C.B.M. xxvii. 287; Buller, ii. 257.

Nesonetta, Gray, 1844.

aucklandica, Gray. C.B.M. xxvii. 289; Buller, ii. 263.

Spatula, Boie, 1822.

rhynchotis, Latham. C.B.M. xxvii. 314; *Rhynchaspis variegata*, Buller, ii. 269.

Sub-family FULIGULINÆ.

Nyroca, Fleming, 1822.

australis, Eyton. C.B.M. xxvii. 350; Buller, ii. 275.

Fuligula, Stephens, 1824.

novæ-zealandiæ, Gmelin. C.B.M. xxvii. ; 368 ; Buller, ii. 273.

Sub-family Merganettinæ.

Hymenolæmus, Gray, 1843.

malacorhynchus, Gmelin. C.B.M. xxvii 455 ; Buller, ii. 276.

Sub-family Merginæ.

Merganser, Brisson, 1760.

australis, Hombron and Jacquinot. C.B.M. xxvii. 484 ; Buller, ii. 279.

Sub-class RATITÆ.

Order APTERYGES.

Family APTERYGIDÆ.

Apteryx, Shaw, 1813.

australis, Shaw. C.B.M. xxvii. 604 ; Buller, ii. 322 ; Parker, Trans. Phil. Soc. 1891, B, 25. *A. latwryi*, Rothschild ; C.B.M. xxvii. 606.

mantelli, Bartlett. C.B.M. xxvii. 607. *A. bulleri*, Buller, ii. 308.

oweni, Gould. C.B.M. xxvii. 609 ; Buller, ii. 327.

occidentalis, Rothschild. C.B.M. xxvii. 610 ; Novitates Zoologicae, vi. 384, pl. 12.

haasti, Potts. C.B.M. xxvii. 611 ; Buller, ii. 330.

APPENDIX TO AVES.

List of Wanderers which have been found in New Zealand.

Order PASSERES.

Family CAMPEPHAGIDÆ.

Graucalus melanops, Latham. C.B.M. iv. 30 ; Buller, i. 66.

Family MELIPHAGIDÆ.

Acanthochæra carunculata, Latham. C.B.M. ix. 263 ; Buller, i. 106.

Family HIRUNDINIDÆ.

Petrochelida nigricans, Vieillot. C.B.M. x. 190 ; Buller, i. 76.

Order PICARLÆ.

Family CYPSELIDÆ.

Micropus pacificus, Blyth. C.B.M. xvi. 448 ; Buller, i. 117.

Family CORACIDÆ.

Eurystomus australis, Swainson. C.B.M. xvii. 36. *E. pacificus*, Buller, i. 118.

Order ACCIPITRES

Family FALCONIDÆ.

Cerchneis cenchroides, Vigors and Horsfield. C.B.M. i.
431; Buller, T.N.Z.I. xxviii. 359.

Order HERODIONES.

Family PLATALEIDÆ.

Platalea regia, Gould. C.B.M. xxvi. 47; Buller, ii. 144.

Family IBIDÆ.

Plegadis, Kaup, 1829.

falcinellus, Linnæus. C.B.M. xxvi. 29.

Order LIMICOLÆ.

Family CHARADRIIDÆ.

Sub-family LOBIVANELLINÆ.

Lobivanellus lobatus, Latham. C.B.M. xxiv. 139; Buller,
ii. 13.

Sub-family CHARADRIINÆ.

Ægialitis ruficapilla, Temminck. C.B.M. xxiv. 286; Buller,
ii. 5.

Sub-family TOTANINÆ.

Limosa hudsonica, Lath. C.B.M. xxiv. 388.

Numenius cyanopus, Vieillot. C.B.M. xxiv. 350; Buller,
ii. 45.

Mesoscolopax minutus, Gould. C.B.M. xxiv. 371; Hutton,
T.N.Z.I. xxxv.

Heteractitis incanus, Gmelin. C.B.M. xxiv. 453; Buller,
ii. 38.

Glottis nebularius, Gunner. C.B.M. xxiv. 481; Hutton,
T.N.Z.I. xxxiv. 253.

Gallinago australis, Latham. C.B.M. xxiv. 653; Cheeseman,
T.N.Z.I. xxxi. 105.

Sub-family PHALAROPINÆ.

Crymophilus fulcarius, Linnæus. C.B.M. xxiv. 693;
Buller, ii. 30.

Order GAVIÆ.

Family LARIDÆ.

Sub-family STERNINÆ.

Hydrochelidon leucoptera, Meisner and Schinz. C.B.M.
xxv. 6; Buller, ii. 77.

Order STEGANOPODES.

Family FREGATIDÆ.

Fregata ariel, Gould. C.B.M. xxvi. 447. *T. minor*, Buller,
ii. 185.

Family SULIDÆ.

Sula sula, Linnæus. C.B.M. xxvi. 436. *S. fusca*, Hamilton, T.N.Z.I. xxi. 128.

Family PHALACROCORACIDÆ.

Sub-family PLOTINÆ.

Plotus novæ-hollandiæ, Gould. C.B.M. xxvi. 417; Buller, ii. 175.

Order ANSERES.

Family ANATIDÆ.

Sub-family ANATINÆ.

Dendrocygna eytoni, Gould. C.B.M. xxvii. 165; Buller, ii. 268.

CLASS, REPTILIA.

Order SQUAMATA.

Sub-order LACERTILIA.

Family GECKONIDÆ.

Gehyra, Gray, 1834.

oceanica, Lesson. Boulenger Cat. Lizards in B.M. i. 152.
A specimen from Moko-hinou is in the British Museum.

Naultinus, Gray, 1840.

grayi, Bell. Lucas and Frost, T.N.Z.I. xxix. 267 (in part);
Colenso, T.N.Z.I. xix. 147. *Variety sulphureus*, Buller,
T.N.Z.I. iii. 8.

elegans, Gray. Lucas and Frost, T.N.Z.I. xxix. 267 (in
part. *N. pentagonalis*, Colenso, T.N.Z.I. xxii. 262.

rudis, Fischer. Lucas and Frost, T.N.Z.I. xxix. 270.

Hoplodactylus, Fitzinger, 1843

maculatus, Gray. Lucas and Frost, T.N.Z.I. xxix. 271.

pacificus, Gray. Lucas and Frost, T.N.Z.I. xxix. 272.

granulatus, Gray. Lucas and Frost, T.N.Z.I. xxix. 273.

Family SCINCIDÆ.

Lygosoma, Gray, 1828.

grande, Gray. Lucas and Frost, T.N.Z.I. xxix. 275.

moco, Dumeril and Bibron. Lucas and Frost, T.N.Z.I.
xxix. 276.

dendyi, Boulenger. A.M.N.H. 7, ix. 196.

lineo-ocellatum, Dumeril. Lucas and Frost, T.N.Z.I.
xxix. 277.

smithii, Gray. Lucas and Frost, T.N.Z.I. xxix. 277.

æneum, Girard. Lucas and Frost, T.N.Z.I. xxix. 278.

ornatum, Gray. Lucas and Frost, T.N.Z.I. xxix. 279.

CHORDATA.

Order RHYNCHOCEPHALIA.

Family HATTERIIDÆ.

Sphenodon, Gray, 1831.**punctatus**, Gray. Cat. Chelonians B.M. 2; Dendy, Q.J.M.S. xlii. 1; Howes, T.Z.S. xvi. 1; Harrison, Q.J.M.S. xliv. 161.

APPENDIX TO REPTILIA.

List of Wanderers which have been found in New Zealand.

Order SQUAMATA.

Sub-order OPHIDIA.

Family COLUBRIDÆ.

Platurus colubrinus, Schneider. C.B.M. iii. 308.**Hydrus platurus**, Linnæus. C.B.M. iii. 267.

Order CHELONIA.

Family SPHARGIDÆ.

Dermochelys coriacea, Linnæus. C.B.M. 10; Cheeseman, T.N.Z.I. xxv. 108.

CLASS, AMPHIBIA.

Order ANURA.

Sub-order PHANEROGLOSSA.

Family DISCOGLOSSIDÆ.

Liopelma, Fitzinger, 1861.**hochstetteri**, Fitzinger. C.B.M. 448; T.N.Z.I. xii. 250.

CLASS, PISCES.*

Sub-class TELEOSTOMI.

Order TELEOSTEI.

Sub-order ACANTHOPTERI.

Family SERRANIDÆ.

Polyprion, Cuvier, 1817.**prognathus**, Foster. Hutton, T.N.Z.I. xxii. 276; No. 26.**Gilbertia**, Jordan, 1890.**semicineta**, Cuvier. C.B.M. 2nd ed. i. 307. *Plectropoma huntii*, Hector, T.N.Z.I. vii. 240; Hutton, T.N.Z.I. xxviii. 314.

* For a Bibliography see Hamilton, T.N.Z.I. xxxiv. 539.

Cæcioperca, Castelnau, 1872.

lepidoptera, Forster. C.B.M. 2nd ed. i. 312; T.N.Z.I. xxii. 276; No. 23 (*Anthias*).

Caprodon, Temminck, 1844.

longimanus, Gunther. C.B.M. 2nd ed. i. 315; T.N.Z.I. xxii. 276; No. 24 (*Anthias*).

Family LUTJANIDÆ.

Lirus, Lowe, 1836.

porosus, Richardson (*Diagramma*), Challenger Reports, xxxi. 11.

Plagiogenion, Forbes, 1890.

rubiginosus, Hutton. T.N.Z.I. xxii. 277, No. 28.

Family PENTACEROTIDÆ.

Pseudopentaceros, Gill, 1893 (?).

richardsoni, Smith. T.N.Z.I. xxii. 277, No. 27 (*Pentaceros*).

Family ARRIPIDIDÆ.

Arripis, Jennings, 1840.

trutta, Cuvier. *A. salar*, Hutton, Cat. Fishes of N.Z. 2.

Emmelichthys, Richardson, 1846.

niroidus, Richardson. Cat. Fishes N.Z. 3 (*Erythrichthys*).

Family PIMELEPTERIDÆ.

Incisidens, Gill, 1893 (?).

simplex, Richardson. T.N.Z.I. xxii. 277, No. 33 (*Girella*).

multilineata, Clarke. T.N.Z.I. xxxi. 98 (*Girella*).

Atypichthys, Gunther, 1862.

strigatus, Gunther. Kirk, T.N.Z.I. xii. 308 (*Atypus*).

Family SQUAMIPINNES.

Scorpis, Cuvier, 1831.

violaceus, Hutton. T.N.Z.I. xxii. 278 (*Nephotichthys*); Regan, A.M.N.H. 7, x. 116.

Family MULLIDÆ.

Upeneichthys, Bleeker, 1850.

vlamingii, Cuvier. Hector, T.N.Z.I. ix. 465.

Family SPARIDÆ.

Pagrosomus, Gill, 1893 (?).

auratus, Forster. *Pagrus unicolor*, Cat. Fishes N.Z. 6; T.N.Z.I. ix. 353.

Family HAPLODACTYLIDÆ.

Haplodactylus, Gunther, 1859.

meandratus, Solander. T.N.Z.I. xxii. 277, No. 34.

- Chironemus**, Cuvier, 1829.
fergusoni, Hector. T.N.Z.I. vii. 243, and ix. 467 (*Haplodactylus*).
spectabilis, Hutton. T.N.Z.I. xxii. 277, No. 35 (*Chilodactylus*).
- Chilodactylus**, Lacépède, 1803.
macropterus, Forster. Cat. Fishes N.Z. 8.
douglasi, Hector. T.N.Z.I. vii. 244.
- Mendosoma**, Guichen, 1847.
lineata, Gray. T.N.Z.I. xxii. 277, No. 41.
- Latris**, Richardson, 1840.
ciliaris, Forster. Cat. Fishes N.Z. 9.
lineata, Forster. Cat. Fishes N.Z. 8.
aerosa, Hutton. T.N.Z.I. ix. 353.

Family SCORPÆNIDÆ.

- Sebastapistes**, Streets, 1877.
percoides, Solander. T.N.Z.I. v. 261, and ix. 353 (*Sebastes*).
parathri, Hector. T.N.Z.I. vii. 245 (*Sebastes*).
- Scorpæna**, Cuvier, 1829.
cruenta, Solander. Cat. Fishes N.Z. 10; T.N.Z.I. v. 261.
byssiensis, Richardson. Hector, T.N.Z.I. xvi. 323.
- Cottapistus**, Bleeker, 1876
cottoides, Linnæus. Cat. Fishes N.Z. 11 (*Prosopodasys*).

Family CONGIPODIDÆ.

- Congiopodus**, Perry, 1871.
leucopœcilus, Richardson. T.N.Z.I. xxii. 277, No. 49
(*Agriopus*); Stenhouse, T.N.Z.I. xxvi. 111.
peruvianus, Cuvier. Hutton, T.N.Z.I. xxviii. 314.

Family COTTIDÆ.

- Neophrynichthys**, Gunther, 1876.
latus, Hutton. T.N.Z.I. xxii. 280, No. 100; Gill, Pro. U.S.
National Mus. xi. 327.

Family TRACHINIDÆ.

- Leptoscopus**, Gill, 1859.
macropygius, Richardson. T.N.Z.I. xxii. 279, No. 88.
- Crapatalus**, Gunther, 1861.
novæ-zealandiæ, Gunther. T.N.Z.I. xxii. 279, No. 89.
- Genyagnus**, Gill, 1861.
maculatus, Forster. *K. monopterygium*, Bloch; Cat. Fishes
N.Z. 23.

- Kathesostoma**, Gunther, 1860.
lævis, Bloch. Cat. Fishes N.Z. 23; *K. giganteum*, Haast, T.N.Z.I. v. 274.
fluviatilis, Hutton. Cat. Fishes N.Z. 24; T.N.Z.I. xxviii. 315.
- Bovichthys**, Cuvier, 1831.
variegatus, Richardson. T.N.Z.I. xxii. 279, No. 92.
- Notothenia**, Richardson, 1844.
maoriensis, Haast. T.N.Z.I. v. 276.
angustata, Hutton. T.N.Z.I. viii. 213.
cornucola, Richardson. T.N.Z.I. v. 262.
arguta, Hutton. T.N.Z.I. xi. 339.
microlepidota, Hutton. T.N.Z.I. viii. 213.
parva, Hutton. T.N.Z.I. xi. 339.
- Cheimarrichthys**, Haast, 1874.
forsteri, Haast. T.N.Z.I. vi. 103.
- Parapercis**, Steindachner, 1884.
colias, Forster. Cat. Fishes N.Z. 25 (*Percis*).
gilliesii, Hutton. A.M.N.H. 5, iii. 53.
- Family BERYCIDÆ.
- Beryx**, Cuvier, 1829.
affinis, Gunther. T.N.Z.I. xxii. 278, No. 54.
- Trachyichthys**, Shaw, 18—(?).
trailii, Hutton. T.N.Z.I. xvii. 162; Challenger Reports, xxii. 23.
elongatus, Gunther. Cat. Fishes N.Z. 12.
intermedius, Hector. T.N.Z.I. vii. 245.
- Family XIPHIIDÆ.
- Xiphias**, Linnæus, 1748.
gladius, Linnæus. T.N.Z.I. xxii. 278, No. 55.
- Histiophorus**, Cuvier, 1831.
herschelii, Gray. T.N.Z.I. xxii. 278, No. 56.
- Family LEPIDOPODIDÆ.
- Lepidopus**, Gouan, 1770.
caudatus, Euphrasen. T.N.Z.I. xxii. 278, No. 57.
elongatus, Clarke. T.N.Z.I. xi. 294.
- Family GEMPYLIDÆ.
- Thyr sites**, Cuvier, 1831.
atun, Euphrasen. Cat. Fishes N.Z. 13.
- Promethichthys**, Gill, 1893.
prometheus, Webb and Berthel. Hector, T.N.Z.I. xvi. 322.

CHORDATA.

Family CARANGIDÆ

Caranx, Lacépède, 1800.

georgianus, Cuvier. Cat. Fishes N.Z. 16.

koheru, Hector. T.N.Z.I. vii. 247.

Trachurus, Rafinesque, 1810.

trachurus, Linnæus. Cat. Fishes N.Z. 16.

Seriola, Cuvier, 1829.

alandii, Cuvier. Cat. Fishes N.Z. 17.

Naucrates, Rafinesque, 1810.

ductor, Linnæus. Cat. Fishes N.Z. 18.

Evistius, Gill, 1893.

huttoni, Gunther. T.N.Z.I. xxii. 278, No. 70 (*Platystethus*).

Family STROMATIDÆ.

Cubiceps, Lowe, 1843.

gracilis, Lowe (?). T.N.Z.I. xxviii. 315

Serirolella, Guichen, 1847.

porosa, Guichen (= *Neptomenus dolbula*, Gunther), Regan ;
A.M.N.H. 7, x. 128 ; T.N.Z.I. viii. 211.

bilineata, Hutton. T.N.Z.I. xxviii. 314 ; Regan ; A.M.N.H.
7, x. 128.

brama, Gunther. Cat. Fishes N.Z. 21 (*Neptomenus*).

Centrolophus, Lacépède, 1802.

maoricus, Ogilby. Rec. Aust. Mus. ii. 64, 1893.

Lirus, Lowe, 1833.

porosus, Richardson (*Diagramma*). Regan, A.M.N.H. 7,
x. 202.

Family CORYPHÆNIDÆ.

Lampris, Betzius, 1799.

guttatus, Gill, Mem. Nat. Acad. Sci. Phil. vi. 115 ; *L. lima*,
Hector, T.N.Z.I. xvi. 322.

Pteraclis, Cuvier, 1833.

velifer, Pallas. C.B.M. 1, ii. 411 ; Ogilby ; Records Aust.
Mus. ii. 65.

Brama, Schneider, 1801.

squamosa, Hutton. T.N.Z.I. viii. 210 (*Toxotes*) ; T.N.Z.I.
ix. 465.

Family SCOMBRIDÆ.

Scomber, Linnæus, 1748.

australasicus, Cuvier. Cat. Fishes N.Z. 21.

Thynnus, Cuvier, 1831.

pelamys, Linnæus. Specimen in Canterbury Museum.

- Sarda**, Cuvier, 1829.
chilensis, Cuvier. Cat. Fishes N.Z. 22 (*Pelamys*).
- Lepidothynnus**, Gunther, 1889.
huttoni, Gunther. Challenger Reports, xxxi. 15; Regan, A.M.N.H. 7, x. 120.
- Cybium**, Cuvier, 1831.
guttatum, Bleeker. T.N.Z.I. xxviii. 315.
- Gasterochisma**, Richardson, 1845.
melampus, Richardson. T.N.Z.I. vi. 104; Regan, A.M.N.H. 7, x.-120.
- Family ECHENEIDIDÆ.
- Remora**, Willoughby, 1686.
brachyptera, Lowe. T.N.Z.I. viii. 217 (*Echeneis*).
- Family CAPROIDÆ.
- Capromimus**, Gill, 1893.
abbreviatus, Hector. T.N.Z.I. vii. 247 (*Platystethus*).
- Zeus**, Linnæus, 1748.
faber, Linnæus. Cat. Fishes N.Z. 18.
- Cyttus**, Gunther, 1860.
australis, Richardson. Cat. Fishes N.Z. 19.
novæ-zealandiæ, Arthur. T.N.Z.I. xvii. 163 (*Zeus*).
- Rhombocyttus**, Gill, 1893.
traversi, Hutton. T.N.Z.I. v. 261.
- Diretmus**, Johnston, 1863.
aureus, Campbell. T.N.Z.I. xi. 297 (*Discus*); Challenger Reports, xxii. 45.
- Family CERATHIDÆ.
- Ægæonichthys**, Clarke, 1878.
appellii, Clarke. T.N.Z.I. x. 245.
- Family TRIGLIDÆ.
- Trigla**, Linnæus, 1748.
kumu, Lesson. Cat. Fishes N.Z. 28.
- Lepidotrigla**, Gunther, 1860.
vanessa, Richardson. T.N.Z.I. xxii. 530.
brachyptera, Hutton. T.N.Z.I. v. 263.
- Family GOBIIDÆ.
- Gobiomorphus**, Gill, 1893 (?).
gobioides, Cuvier. T.N.Z.I. v. 263 (*Eleotris*).
- Eleotris**, Gronovius, 1763.
radiata, Quoy and Gaimard. T.N.Z.I. v. 263.
huttoni, Ogilby. P.L.S.N.S.W. 1894, ix. 369.

Gobius, Linnæus, 1748.

lentiginosus, Richardson. Cat. Fishes N.Z. 29; Gunther,
'Study of Fishes,' 486, fig. 220.

Family HEMEROCETIDÆ.

Hemerocætes, Valenciennes, 1837.

acanthorhynchus, Forster. Cat. Fishes N.Z. 37.

Family BLENNIDÆ.

Ericentrus, Gill, 1893.

rubrus, Hutton. T.N.Z.I. v. 264 (*Clinus*).

Cologrammus, Gill, 1893.

flavescens, Hutton. T.N.Z.I. v. 264 (*Clinus*).

Cristiceps, Cuvier, 1836.

australis, Cuvier. T.N.Z.I. v. 264.

Tripterygion, Risso, 1826.

tripinne, Forster. *T. forsteri*, Cuvier, T.N.Z.I. ix. 354.

decemdigitatum, Clarke. T.N.Z.I. xi. 292.

medium, Gunther. T.N.Z.I. xxii. 280, No. 14.

dorsale, Clarke. T.N.Z.I. xi. 291.

varium, Forster. Cat. Fishes N.Z. 33.

nigripenne, Cuvier. T.N.Z.I. v. 263.

robustum, Clarke. T.N.Z.I. xxii. 28, No. 117.

Auchenopterus, Gunther, 1861.

aysoni, Hector. T.N.Z.I. xxxiv. 240.

Family ACANTHOCLINIDÆ.

Acanthoclinus, Jennings, 1842.

littoreus, Forster. Cat. Fishes N.Z. 34.

taumaka, Clarke. T.N.Z.I. xi. 393.

Family ATHERINIDÆ.

Atherina, Linnæus, 1766.

pingius, Lacépède. Kirk, T.N.Z.I. xii. 309.

Family SPHYRÆNIDÆ.

Sphyræna, Artedi, 1738.

obtusata, Cuvier. Kirk, T.N.Z.I. xii. 310.

Family MUGILIDÆ.

Mugil, Linnæus, 1748.

cephalotus, Cuvier. T.N.Z.I. xxii. 281, No. 123.

Agonostomus, Telfaire, 1830.

forsteri, Bloch. Cat. Fishes N.Z. 37.

Family MACRORHAMPHOSIDÆ.

Centiscops, Gill, 1862.

humerosus, Richardson. Cat. Fishes N.Z. 38 (*Centriscus*).

Family GOBIESOCIDÆ.

Diplocrepis, Gunther, 1861.*puniceus*, Richardson. T.N.Z.I. xxii. 281, No. 126.**Trachelochismus**, Brisson, 1846.*pinnulatus*, Forster. T.N.Z.I. xxii. 281, No. 127.*littoreus*, Forster (*Cyclopterus*). *T. guttulatus*, Hutton, Cat. Fishes N.Z. 41.**Crepidogaster**, Gunther, 1861.*hectoris*, Gunther. T.N.Z.I. xxii. 281, No. 121.*simus*, Hutton. T.N.Z.I. xxviii. 316.

Family TRACHYPTERIDÆ.

Trachypterus, Gouan, 1770.*altivelis*, Kner. T.N.Z.I. xxii. 281, No. 132.*arawata*, Clarke. T.N.Z.I. xiii. 195.

Family LOPHOTIDÆ.

Lophotes, Giorna, 1803.*fiskei*, Gunther. T.N.Z.I. xxvi. 223, and xxix. 251.

Family REGALICIDÆ.

Regalicus, Nardo, 1827.*pacificus*, Haast. T.N.Z.I. x. 247, and xi. 269.*argenteus*, Parker. T.N.Z.I. xvi. 284, and xx. 20.*grillii*, Lindroth. T.N.Z.I. xxiv. 192.

Family NOTACANTHIDÆ.

Notacanthus, Lacépède, 1803.*sexspinis*, Richardson. Cat. Fishes N.Z. 39.

Sub-order PHARYNGOGNATHI.

Family ODACIDÆ.

Odax, Cuvier, 1839.*vittatus*, Solander. T.N.Z.I. xxii. 282, No. 144.**Coridodax**, Gunther, 1862.*pullus*, Forster. T.N.Z.I. xxii. 282, No. 145.

Family LABRIDÆ.

Pseudolabrus, Bleeker, 1861.*fucicola*, Richardson. T.N.Z.I. xxii. 281, No. 137.*roseipunctatus*, Hutton. T.N.Z.I. xii. 455.*bothryocosmus*, Richardson. T.N.Z.I. v. 265.*miles*, Gill. *L. coccinea*. T.N.Z.I. xxii. 282, No. 139.*celidotus*, Forster. Cat. Fishes N.Z. 42 ; Gunther, A.M.N.H. 4, xvii. 398.*cinctus*, Hutton. T.N.Z.I. ix. 354.

- Pictilabrus**, Gill, 1892.
laticlavus, Richardson. Hector, T.N.Z.I. xvi. 323.
- Cymolutes**, Gunther, 1861.
sandeyeri, Hector. T.N.Z.I. xvi. 323.
- Lepidoplois**, Gill, 1863.
unimaculatus, Gunther. Hector, T.N.Z.I. xvi. 323.
- Duymræia**, Bleeker, 1856.
flagillifera, Cuvier. Hector, T.N.Z.I. xxii. 527; Gunther, C.F.B.M. iv. 121.

Sub-order ANACANTHINI.

Family PLEURONECTIDÆ.

- Caulopsetta**, Gill, 1893.
scapha, Forster. Cat. Fishes N.Z. 51. (*Pseudorhombus*).
boops, Hector. T.N.Z.I. vii. 249.
hectoris, Gunther. Challenger Reports, xxii. 163.
- Brachypleura**, Gunther, 1862.
novæ-zealandiæ, Gunther. Hutton, Cat. Fishes N.Z. 50.
- Ammotretis**, Gunther, 1862.
rostratus, Gunther. Hutton, T.N.Z.I. viii. 215.
guntheri, Hutton. T.N.Z.I. v. 267.
- Rhombosolea**, Gunther, 1862.
plebeia, Richardson. *R. monopus*. Hutton, T.N.Z.I. xxii. 283, No. 170.
flesoides, Gunther. Hutton, T.N.Z.I. xxii. 283, No. 171.
tapirina, Gunther. Hutton, T.N.Z.I. xxii. 283, No. 172.
retiaria, Hutton. T.N.Z.I. xxii. 283, No. 173.
- Apsetta**, Kyle, 1901.
thompsoni, Kyle. P.Z.S. 1900, p. 986.
- Peltorhamphus**, Gunther, 1862.
novæ-zealandiæ, Gunther. Hutton, Cat. Fishes N.Z. 52.
- Family GADIDÆ.
- Physiculus**, Kaup, 1858.
bacchus, Forster. Hutton, Cat. Fishes N.Z. 46 (*Lotella*); Beattie, T.N.Z.I. xxiii. 71.
rhacinus, Forster. Hutton, T.N.Z.I. vi. plate 18, fig. 74.
- Pseudophycis**, Gunther, 1862.
breviusculus, Richardson. Hutton, Cat. Fishes N.Z. 47.
- Halargyreus**, Gunther, 1862.
johnsonii, Gunther. Hutton, Cat. Fishes N.Z. 45.
- Onos**, Risso, 1826.
novæ-zealandiæ, Hector. T.N.Z.I. vi. 107 (*Motella*).

Bathygadus, Gunther, 1878.
cottoides, Gunther. Hutton, T.N.Z.I. xxii. 282, No. 147.

Merluccius, Rafinesque, 1810.
gayi, Guichen. Hutton, T.N.Z.I. xxii. 282, No. 148.

Auchenoceros, Gunther, 1889.
punctatus, Hutton. T.N.Z.I. xxii. 282, No. 154.

Family OPHIDIIDÆ.

Hypolycodes, Hector, 1881.
haastii, Hector. T.N.Z.I. xiii. 194.

Dinematichthys, Bleeker, 1854.
consobrinus, Hutton. Hector, T.N.Z.I. ix. 466.

Genypterus, Philippi, 1855.
blacodes, Forster. Hutton, Cat. Fishes N.Z. 48.

Family MACRURIDÆ.

Cœlorhynchus, Agassiz, 1843.
parallelus, Gunther. Challenger Reports, xxii. 125.
australis, Richardson. Hutton, Cat. Fishes N.Z. 78.

Macrurus, Bloch, 1787.
rudis, Gunther. Challenger Reports, xxii. 131.
serrulatus, Gunther. Challenger Reports, xxii. 133.

Cetonurus, Gunther, 1887.
crassiceps, Gunther. Challenger Reports, xxii. 143.

Chalinura, Goode and Bean, 1886.
murrayi, Gunther. Challenger Reports, xxii. 146.

Optonurus, Gunther, 1887.
denticulatus, Richardson. Hutton, Cat. Fishes N.Z. 49.

Nematonurus, Gunther, 1887.
armatus, Hector. T.N.Z.I. vii. 249; Challenger Reports,
 xxii. 150.

Trachyrhynchus, Bonaparte, 18— (?).
longirostris, Gunther. Challenger Reports, xxii. 153.

Macrurorus, Gunther, 1873.
novæ-zealandiæ, Hector. T.N.Z.I. iii. 136 (*Coryphænoides*).

Sub-order PHYSOSTOMI.

Family EXOCÆTIDÆ.

Exocœtus, Linnæus, 1748.
micropterus, Cuvier. Hutton, Cat. Fishes N.Z. 54.
speculiger, Cuvier. Hutton, Cat. Fishes N.Z. 55.
ilma, Clarke. T.N.Z.I. xxxi. 94.

Hemirhamphus, Cuvier, 1817.

intermedius, Cuvier. Hutton, Cat. Fishes N.Z. 53.

Scombrosox, Lacépède, 1803.

forsteri, Cuvier. Hutton, Cat. Fishes N.Z. 53.

Family STERNOPTYCHIDÆ.

Argyropelecus, Cocco, 1829.

intermedius, Clarke. T.N.Z.I. x. 244.

Sternoptyx, Herman, 17— (?).

diaphana, Herman. Gunther, Challenger Reports, xxii. 169.

Phosichthys, Hutton, 1872.

argenteus, Hutton. T.N.Z.I. v. 269. Challenger Reports, xxii. 178.

Maurolicus, Cocco, 1829.

australis, Hector. T.N.Z.I. vii. 250.

Gonostoma, Rafinesque, 1810.

microdon, Gunther. Challenger Reports, xxii. 175.

Family SCOPELIDÆ.

Lampadena, Goode and Bean, 1895.

parvimana, Gunther. Hutton, T.N.Z.I. v. 269 (*Scopelus*).

Myctophum, Rafinesque, 1810.

hectoris, Gunther. T.N.Z.I. ix. 471.

boops, Richardson. Hutton, T.N.Z.I. v. 269.

Rhinoscopelus, Lütken, 1892.

coruscans, Richardson. Hutton, T.N.Z.I. v. 270.

Neoscopelus, Johnson, 1863.

macrolepidotus, Johnson. Gunther, Challenger Reports, xxii. 196.

Alepisaurus, Lowe, 1833.

ferox, Lowe. Hutton, T.N.Z.I. xxxiv. 197.

Bathysaurus, Gunther, 1878.

ferox, Gunther. Hutton, T.N.Z.I. xxii. 283, No. 179.

Chlorophthalmus, Bonaparte, 1841.

gracilis, Gunther. Hutton, T.N.Z.I. xxii. 283, No. 180.

Bathypterois, Gunther, 1878.

longifilis, Gunther. Challenger Reports, xxii. 185.

Family HAPLOCHITONIDÆ.

Prototroctes, Gunther, 1864.

oxyrynchus, Gunther. Hutton, Cat. Fishes N.Z. 57.

Family ARGENTINIDÆ.

Argentina, Linnæus, 1748.

sphyræna, Linnæus. Challenger Reports, xxii. 218; *A. decagon*, Clarke, T.N.Z.I. xi. 296.

elongata, Hutton. A.M.N.H. 5, iii. 53; Challenger Reports, xxii. 218.

Retropinna, Gill, 1862.

richardsoni, Gill. Hutton, T.N.Z.I. xxii. 284, No. 194.

Family GALAXIDÆ.

Galaxias, Cuvier, 1817.

alepidotus, Forster. Hutton, Cat. Fishes N.Z. 58.

var. brocchus, Richardson. Voy. Erebus & Terror, Fishes, 76.

kokopu, Clarke. T.N.Z.I. xxxi. 88

fasciatus, Gray. Hutton, Cat. Fishes N.Z. 59.

bollonsi, Hutton. T.N.Z.I. xxxiv. 192.

postvectis, Clarke. T.N.Z.I. xxxi. 88.

robinsoni, Clarke. T.N.Z.I. xxxi. 89.

brevipinnis, Gunther. Hutton, Cat. Fishes N.Z. 59.

var. grandis, Haast. T.N.Z.I. v. 278.

lynx, Hutton. T.N.Z.I. xxviii. 317.

attenuatus, Jennings. Hutton, Cat. Fishes N.Z. 60.

Neochanna, Gunther, 1867.

apoda, Gunther. Hutton, Cat. Fishes N.Z. 61.

Family GONORHYNCHIDÆ.

Gonorhynchus, Gronovius, 1763.

greyi, Richardson. Hutton, Cat. Fishes N.Z. 62.

Family CLUPEIDÆ.

Chanos, Lacépède, 1803.

salmoneus, Forster. Hutton, Cat. Fishes N.Z. 64.

Clupea, Linnæus, 1748.

sagax, Jenyns. Hutton, T.N.Z.I. xxii. 284, No. 199.

antipoda, Hector. Hutton, Cat. Fishes N.Z. 133; T.N.Z.I. xv. 203.

Stolephorus, Lacépède, 1803.

encrasicholus, Linnæus. Hutton, Cat. Fishes N.Z. 99.

Family MURÆNIDÆ.

Muræna, Linnæus, 1766.

krullii, Hector, T.N.Z.I. ix. 468.

Ophisurus, Lacépède, 1800.

novæ-zealandiæ, Hector. T.N.Z.I. ii. 34.

- Anguilla**, Thunberg, 1790.
aucklandii, Richardson. Hutton, Cat. Fishes N.Z. 64.
australis, Richardson. Hutton, Cat. Fishes N.Z. 65.

- Conger***muræna*, Kaup, 1866.
habentata, Richardson. Hutton, Cat. Fishes N.Z. 66.

- Leptocephalus**, Gronovius, 1754.
conger, Willoughby. Hutton, Cat. Fishes N.Z. 66.

Sub-order LOPHOBRANCHII.

Family HIPPOCAMPIDÆ.

- Hippocampus**, Leach, 1814
abdominalis, Lesson. Hutton, Cat. Fishes N.Z. 70.

- Solegnathus**, Swainson, 1839.
spinossissimus, Gunther. Hutton, Cat. Fishes N.Z. 69;
 T.N.Z.I. xxii. 285, No. 214.

Family SYGNATHIDÆ.

- Stigmatophora**, Kaup, 1853.
longirostris, Hutton. Cat. Fishes N.Z. 69; T.N.Z.I. xxii.
 285, No. 213.

- Ichthyocampus**, Kaup, 1853.
flum, Gunther. Hutton, Cat. Fishes N.Z. 68.

- Doryichthys**, Kaup, 1853.
elevatus, Hutton. Cat. Fishes N.Z. 68.

- Siphostoma**, Rafinesque, 1810.
pelagica, Linnæus. Hutton, Cat. Fishes N.Z. 67.
blainvilliana, Eydoux and Soul. Gill, Nat. Acad. of Sci.
 Washington, vi. 122.

Sub-order PLECTOGNATHI.

Family BALISTIDÆ.

- Monacanthus**, Cuvier, 1817.
scaber, Forster. T.N.Z.I. xxii. 285, No. 216.

Family TETRAODONTIDÆ.

- Amblyrhynchotus**, Bibron, 1855.
richei, Fremiville. Cat. Fishes N.Z. 72.

- Crayracion**, Klein, 1743.
gillbanksii, Clarke. T.N.Z.I. xxix. 245.

- Gastrophysus**, Müller, 1842.
cheesemanni, Clarke. T.N.Z.I. xxix. 248.

Family DIODONTIDÆ.

- Dicotylichthys**, Kaup, 1855.
jaculiferus, Cuvier. Hutton, T.N.Z.I. v. 271.

Family MOLIDÆ.

Mola, Nardo, 1827.*mola*, Linnæus, Gill. Mem. Acad. Nat. Sci. Phil. vi. 122.

Sub-class HOLOCEPHALI.

Family CHIMÆRIDÆ.

Callorhynchus, Gronovius, 1754.*antarcticus*, Lacépède. Hutton, T.N.Z.I. xxii. 276, Nos. 21 and 22; Hector, T.N.Z.I. xxxiv. pl. xiv.**Chimæra**, Linnæus, 1766.*monstrosa*, *var. australis*, Hector. T.N.Z.I. xxxiv. 239.

Sub-class ELASMOBRANCHII.

Order SELACHII.

Sub-order HYPOTREMI.

Family AËTOBATIDÆ.

Aëtobatus, Blainville, 1828.*tenuicaudatus*, Hector. T.N.Z.I. ix. 286 (*Myliobatis*).

Family DASYBATIDÆ.

Dasybatis, Bonaparte, 1841.*brevicaudatus*, Hutton. T.N.Z.I. viii. 216 (*Trygon*).

Family TORPEDINIDÆ.

Torpedo, Dumeril, 1806.*fairchildi*, Hutton. Cat. Fishes N.Z. 83.*fusca*, Parker. T.N.Z.I. xvi. 281.

Family NARCOBATIDÆ.

Astrape, Muller and Henle, 1837.*aysoni*, Hamilton. T.N.Z.I. xxxiv. 225.

Family RAIDÆ.

Raia, Linnæus, 1748.*nasuta*, Solander. Hutton, T.N.Z.I. xxii. 276, No. 18.

Sub-order ASTEROSPONDYLI.

Family SPHYRNIDÆ.

Sphyrna, Rafinesque, 1810.*zygæna*, Linnæus. *Z. malleus*, Hutton, T.N.Z.I. xxii. 275, No. 3.

Family GALEIDÆ.

Carcharias, Rafinesque, 1810.*lamia*, Risso. Challenger Reports, xxxi. 5.**Carcharinus**, Blainville, 1828.*brachyurus*, Gunther. Hutton, Cat. Fishes N.Z. 75.

Galeorhinus, Blainville, 1828.

australis, Macleay. Hutton, T.N.Z.I. xxii. 275, No. 2
(*Galeus*).

Galeus, Cuvier, 1817.

antarcticus, Gunther. Hutton, T.N.Z.I. xxii. 275, No. 4
(*Mustelus*). Parker, T.N.Z.I. xxii. 331.

Family ALPHIIDÆ.

Alopias, Rafinesque, 1810.

vilpes, Gmelin. Hutton, Cat. Fishes N.Z. 78.

Family CETORHINIDÆ.

Cetorhinus, Blainville, 1816.

maximus, Gunn. Cheeseman, T.N.Z.I. xxiii. 126 (*Selache*).

Family ISURIDÆ.

Carcharodon, A. Smith, 1837.

carcharias, Müller. *C. rondeletii*, Hutton, Cat. Fishes
N.Z. 78.

Isurus, Rafinesque, 1810.

cornubicus, Gmelin. Haast, T.N.Z.I. vii. 237.

Family SCYLLIORHINIDÆ.

Cephaloscyllium, Gill, 1861.

laticeps, Dumeril. Hutton, T.N.Z.I. xxii. 276, No. 9.

Sub-order CYCLOSPONDYLI.

Family OXYNOTIDÆ.

Oxynotus, Rafinesque, 1810.

bruniensis, Ogilby. Records Aust. Mus. ii. 62; *C. salviana*,
T.N.Z.I. xxii. 276, No. 10.

Family SQUALIDÆ.

Squalus, Linnæus, 1748.

acanthias, Linnæus. *A. vulgaris*, Hutton, Cat. Fishes N.Z. 76.

Family DALATIIDÆ.

Dalatias, Rafinesque, 1810.

lichia, Cuvier. Parker, T.N.Z.I. xv. 223 (*Scymus*).

Family ECHINORHINIDÆ.

Echinorhinus, Blainville, 1828.

spinosus, Cuvier. Parker, T.N.Z.I. xvi. 280.

Sub-order OPISTHARTHRI.

Family HEXANCHIDÆ.

Notorhynchus, Ayres, 1856

indicus, Cuvier. Hutton, Cat. Fishes N.Z. 79 (*Notidanus*).

CLASS, CYCLOSTOMATA.

Family PTEROMYZONTIDÆ.

Geotria, Gray, 1851.

australis, Gray. Hutton, T.N.Z.I. xxii. 285, Nos. 221 and 222; Dendy, T.N.Z.I. xxxiv. 147.

Family HEPTATREMIDÆ.

Heptatrema, Duméril, 18— (?).

cirrata, Forster. Hutton, Cat. Fishes N.Z. 87 (*Bdellostoma*).

CLASS, LEPTOCARDII.

Family BRACHIOSTOMIDÆ.

Heteropleuron, Kirkaldy, 1894.

hectori, Benham. Q.J.M.S. xlv. 273 (1901).

SUB-PHYLUM, UROCHORDA.

CLASS, TUNICATA.

Order ASCIDIACEÆ.

Sub-order ASCIDIÆ-COMPOSITÆ.

Family BOTRYLLIDÆ.

Botryllus, Lamarck, 1801.

racemosus, Quoy and Gaimard. Voy. Astrolabe, Zool. iii. 620 (Gen. dub.).

Family DISTOMIDÆ.

Cystodytes, Drasche, 1883.

aucklandicus, Nott. T.N.Z.I. xxiv. 323.

perspicuus, Nott. T.N.Z.I. xxiv. 326.

Family DIDEMNIDÆ.

Leptoclinum, Milne-Edwards, 1841.

niveum, Nott. T.N.Z.I. xxiv. 308.

densum, Nott. T.N.Z.I. xxiv. 311.

tuberatum, Nott. T.N.Z.I. xxiv. 314.

maculatum, Nott. T.N.Z.I. xxiv. 316.

Family — (?).

Polysyncraton, Nott, 1892.

paradoxum, Nott. T.N.Z.I. xxiv. 318.

fuscum, Nott. T.N.Z.I. xxiv. 321.

Sub-order ASCIDIÆ-SIMPLICES.

Family BOLTENIDÆ.

- Boltenia**, Savigny, 1816.
pachydermatina, Herdman. Challenger Reports, vi. 89 ;
 Watt, T.N.Z.I. xxiv. 334.
- Culeolus**, Herdman, 1882.
wyville-thomsoni, Herdman. Challenger Reports, vi. 103.

Family CYNTHIDÆ.

- Polycarpa**, Heller, 1877.
elata, Heller. Sitz. Akad. Wien, 1878 (Loc. dub.).
nebulosa, Heller. Sitz. Akad. Wien, 1878 (Loc. dub.).

Family ASCIDIIDÆ.

- Ascidia**, Linnæus, 1758.
erythrostoma, Quoy and Gaimard. Voy. Astrolabe, Zool.
 iii. 609 (Gen. dub.).
janthinoctoma, Quoy and Gaimard. Voy. Astrolabe,
 Zool. iii. 610 (Gen. dub.).
cærulea, Quoy and Gaimard. Voy. Astrolabe, Zool. iii. 611
 (Gen. dub.).

Order THALIACEA.

Family PYROSOMATIDÆ.

- Pyrosoma**, Péron, 1804.
sp. innom. Herdman. Challenger Reports, xxvii. pp. 13
 and 35.
elegans, Lamarck (?). Challenger Reports, xxvii. p. 35.

Family SALPIDÆ.

- Salpa**, Forskal, 1775.
costata-tilesii, Quoy. Voy. Astrolabe, Zool. iii. 570 ;
 Chall. Rep. xxvii. 60.
infundibuliformis, Quoy. Voy. Astrolabe, Zool. iii. 587.
cordiformis-zonaria, Quoy. Challenger Reports, xxvii. 70.
democratica-mucronata, Forster. Challenger Reports,
 xxvii. 79.

Family DOLIOLIDÆ.

- Doliolum**, Quoy and Gaimard, 1835.
denticulatum, Quoy. Challenger Reports, xxvii. 44.
ehrenbergii, Krohn. Challenger Reports, xxvii. 46.

CLASS, HEMICHORDA.

Family HARRIMANCIDÆ.

- Dolichoglossus**, Spengel, 1893.
otagoensis, Benham. T.N.Z.I. xxxii. 9 (*Balanoglossus*).

PHYLUM, MOLLUSCA.

CLASS, CEPHALOPODA.

Order OCTOPODA.

Family OCTOPODIDÆ.

Octopus, Lamarck, 1799.

maorum, Hutton. Man. N.Z. Moll. 1.

communis, Park. T.N.Z.I. xvii. 198.

Pinnoctopus, d'Orbigny, 1845.

cordiformis, Quoy and Gaimard. Man. N.Z. Moll. 2 ;

Man. Conch. 1, i. 128.

Eledone, Leach, 1817.

verrucosa, Verrill. 'Blake' Report, 105.

Family ARGONAUTIDÆ.

Argonauta, Linnæus, 1758.

argo, Linnæus. Austral. Mus. Sydney, Cat. xv. 1 ; *A. bulleri*,
T. W. Kirk.

nodosa, Solander. Austral. Mus. Sydney, Cat. xv. 2 : *A.*
gracilis, T. W. Kirk.

Family AMPHITRETIDÆ.

Amphitretus, Hoyle, 1885.

pelagicus. Hoyle. Challenger Reports, xvi. 67.

Family CIRROTEUTHIDÆ.

Cirroteuthis, Eschricht, 1836.

meangensis, Hoyle. Challenger Reports, xvi. 63.

Order DECAPODA.

Family CRANCHIIDÆ.

Taonius, Steenstrup, 1861.

sumii (Lankester), Hoyle. Challenger Reports, xvi. 45,
192.

Family CHIROTEUTHIDÆ.

Calliteuthis, Verrill, 1880.

? *reversa*, Verrill. Ceph. N.E. America, 295.

Family ONICHOTEUTHIDÆ.

Onichoteuthis, Lichtenstein, 1818.*banksii*, Leach. *O. bartlingii*, Lesueur. Man. Conch. 1, i. 168.

Family OMMASTREPHIDÆ.

Todarodes, Steenstrup, 1880.*sloanii*, Gray. Man. N.Z. Moll. 3; Man. Conch. 1, i. 180.**Architeuthis**, Steenstrup, 1856.*verillii*, T. W. Kirk. T.N.Z.I. xiv. 284.*kirkii*, Robson. T.N.Z.I. xix. 155.*longimanus*, T. W. Kirk. T.N.Z.I. xx. 34.**Steenstrupia**, T. W. Kirk, 1882.*stockii*, T. W. Kirk. T.N.Z.I. xiv. 286.

Family LOLIGINIDÆ.

Sepioteuthis, Blainville, 1825.*lessoniana*, Férussac. Austral. Mus. Sydney, Cat. xv. 14; Man. Conch. 1, i. 152.*bilineata*, Quoy and Gaimard. Austral. Mus. Sydney, Cat. xv. 15; Man. Conch. 1, i. 154.

Family SEPIOLIDÆ.

Sepiola, Leach, 1817.*pacifica*, T. W. Kirk. T.N.Z.I. xiv. 283.

Family SEPIIDÆ.

Sepia, Linnæus, 1758.*apama*, Gray. Austral. Mus. Sydney, Cat. xv. 11; Man. Conch. 1, i. 194.

Family SPIRULIDÆ.

Spirula, Lamarck, 1799.*peroni*, Lamarck. Austral. Mus. Sydney, Cat. xv. 10; Man. Conch. 1, i. 205.

CLASS, GASTEROPODA.

Sub-class EUTHYNEURA.

Order PULMONATA.

Sub-order STYLOMMATOPHORA.

Family ONCIDIIDÆ.

Onchidella, Gray, 1850.*patelloides*, Quoy and Gaimard. Man. N.Z. Moll. 28.*nigricans*, Quoy and Gaimard. Man. N.Z. Moll. 28.*irrorata*, Gould. Man. N.Z. Moll. 28.*campbelli*, Filhol. Mission, Ile Campbell, 521.*obscura*, Plate. Zool. Jahrb. Anat. vii. 207.

Family ATHORACOPHORIDÆ.

- Athoracophorus**, Gould, 1852 = *Janella*, Gray, 1850.
bitentaculatus, Quoy and Gaimard. P.L.S.N.S.W. 2, vii. 661; P.Mal.S. ii. 247.
antipodum, Gray. P.Mal.S. ii. 248.
papillatus, Hutton. P.Mal.S. ii. 251.
marmoreus, Hutton. P.Mal.S. ii. 255.
marmoratus, v. Martens. Nova Acta, etc. liv. 71.
verrucosus *var. nigricans*, v. Martens. Nova Acta, etc. liv. 77.
verrucosus *var. fasciata*, v. Martens. Nova Acta, etc. liv. 79.
dubius, Cockerell. P.Mal.S. ii. 249.
simrothi, Suter. P.Mal.S. ii. 34.
dendyi, Suter. P.Mal.S. ii. 253.
schauinslandi, Plate. Zool. Jahrb. Anat. xi. 193-269.

Family TORNATELLINIDÆ.

- Tornatellina**, Beck, 1837.
novoseelandica, Pfeiffer. P.L.S.N.S.W. 2, vii. 660.

Family BULIMULIDÆ.

- Placostylus**, Beck, 1837.
hongii, Lesson. P.L.S.N.S.W. 2, vii. 632; Man. Conch. 2, xiii. 22.
var. novoseelandica, Pfeiffer. P.L.S.N.S.W. 2, vii. 632; Man. Conch. 2, xiii. 24.
var. candida, Crosse. P.L.S.N.S.W. 2, vii. 632; Man. Conch. 2, xiii. 25.

Family PATULIDÆ.

Genus ENDODONTA, Albers, 1850.

- Charopa**, Albers, 1860.
coma, Gray. P.L.S.N.S.W. 2, vii. 653; Man. Conch. 2, iii. 22.
var. globosa, Suter. P.L.S.N.S.W. 2, vii. 654.
 ,, *multicostata*, Murdoch. P.Mal.S. ii. 161.
egesta, Gray. P.L.S.N.S.W. 2, vii. 659; Man. Conch. 2, iii. 23.
buccinella, Reeve. P.L.S.N.S.W. 2, viii. 497; Man. Conch. 2, viii. 98; *E. sylvia*, Hutton, T.N.Z.I. xvi. 175.
var. serpentinula, Suter. P.L.S.N.S.W. 2, vii. 657.
anguiculus, Reeve. P.L.S.N.S.W. 2, vii. 655; Man. Conch. 2, iii. 23.
var. montivaga, Suter. P.L.S.N.S.W. 2, viii. 498.
 ,, *fuscata*, Suter. T.N.Z.I. xxvi. 135.
corniculum, Reeve. P.L.S.N.S.W. 2, vii. 655; Man. Conch. 2, iii. 24.

- Charopa** *var. maculata*, Suter. T.N.Z.I. xxiii. 89; Man. Conch. 2, viii. 96.
infecta, Reeve. P.L.S.N.S.W. 2, vii. 657; Man. Conch. 2, iii. 23.
var. irregularis, Suter. T.N.Z.I. xxii. 224; Man. Conch. 2, viii. 98.
var. alpestris, Suter. T.N.Z.I. xxiii. 88; Man. Conch. 2, viii. 99.
caput-spinulæ, Reeve. P.L.S.N.S.W. 2, vii. 659; Man. Conch. 2, iii. 102.
biconcava, Pfeiffer. P.L.S.N.S.W. 2, vii. 658; Man. Conch. 2, i. 130.
modicella, Férussac, *var. vicinalis*, Mousson. Journ. de Conch. xxi. 112; Man. Conch. 2, iii. 39.
bianca, Hutton. P.L.S.N.S.W. 2, vii. 655; Man. Conch. 2, viii. 97.
var. montana, Suter. T.N.Z.I. xxiii. 88; Man. Conch. 2, viii. 97.
tapirina, Hutton. P.L.S.N.S.W. 2, vii. 656; Man. Conch. 2, iii. 23.
colensoi, Suter. P.L.S.N.S.W. 2, vii. 657; Man. Conch. 2, viii. 99.
variecostata, Suter. T.N.Z.I. xxii. 225; Man. Conch. 2, viii. 100.
subantialba, Suter. T.N.Z.I. xxii. 226; Man. Conch. 2, viii. 104.
huttoni, Suter. T.N.Z.I. xxii. 226; Man. Conch. 2, viii. 104.
moussoni, Suter. T.N.Z.I. xxii. 227; Man. Conch. 2, viii. 105.
sterkiana, Suter. T.N.Z.I. xxiii. 85; Man. Conch. 2, viii. 101.
var. reeftonensis, Suter. T.N.Z.I. xxiv. 294; Man. Conch. 2, viii. 102.
var. major, Suter. T.N.Z.I. xxiv. 295.
brouni, Suter. T.N.Z.I. xxiii. 86; Man. Conch. 2, viii. 102.
eremita, Suter. T.N.Z.I. xxiii. 87; Man. Conch. 2, viii. 103.
mutabilis, Suter. T.N.Z.I. xxiii. 84; Man. Conch. 2, viii. 101.
pseudocoma, Suter. P.L.S.N.S.W. 2, viii. 495.
segregata, Suter. P.L.S.N.S.W. 2, viii. 496.
prestoni, Sykes. P.Mal.S. i. 218.
roseveari, Suter. P.Mal.S. ii. 34.
titirangiensis, Suter. P.Mal.S. ii. 35.
vortex, Murdoch. P.Mal.S. ii. 160.
otagoensis, Suter. P.Mal.S. iii. 286.
subinfecta, Suter. P.Mal.S. iii. 286.
- Æschrodomus**, Pilsbry, 1892.
stipulata, Reeve. P.L.S.N.S.W. 2, vii. 659; Man. Conch. 2, iii. 94.
barbatula, Reeve. P.L.S.N.S.W. 2, vii. 660; Man. Conch. 2, iii. 95.

- Phenacharopa**, Pilsbry, 1893.
novoseelandica, Pfeiffer. P.L.S.N.S.W. 2, vii. 660.
- Thaumatodon**, Pilsbry, 1893.
varicosa, Pfeiffer. P.L.S.N.S.W. 2, viii. 493; Man. Conch. 2, iii. 23; T.N.Z.I. xxvi. 128.
tau, Pfeiffer. P.Mal.S. iii. 321; Man. Conch. 2, viii. 84.
jessica, Hutton. P.L.S.N.S.W. 2, vii. 651; Man. Conch. 2, viii. 85.
cryptobidens, Suter. T.N.Z.I. xxiii. 89; Man. Conch. 2, viii. 85.
- Ptychodon**, Ancey, 1888.
leiodon, Hutton. T.N.Z.I. xv. 135; Man. Conch. 2, viii. 87.
pseudoleiodon, Suter. T.N.Z.I. xxii. 221; Man. Conch. 2, viii. 88.
wairarapa, Suter. T.N.Z.I. xxii. 222; Man. Conch. 2, viii. 88.
hectori, Suter. P.L.S.N.S.W. 2, vii. 652; Man. Conch. 2, viii. 89.
microundulata, Suter. T.N.Z.I. xxii. 223; Man. Conch. 2, viii. 89.
aorangi, Suter. T.N.Z.I. xxii. 223; Man. Conch. 2, viii. 90.
hunuaensis, Suter. P.L.S.N.S.W. 2, viii. 494.
ureweraensis, Suter. Journ. Malac. vii. 53.

Family LAOMIDÆ.

- Laoma**, Gray, 1850.
leimonias, Gray. P.L.S.N.S.W. 2, vii. 646; Man. Conch. 2, iii. 68.
pœcilsticta, Pfeiffer. P.L.S.N.S.W. 2, vii. 646; Man. Conch. 2, iii. 68.
marina, Hutton. P.L.S.N.S.W. 2, vii. 646; Man. Conch. 2, viii. 57.
pirongiaensis, Suter. P.L.S.N.S.W. 2, viii. 491.
ciliata, Suter. T.N.Z.I. xxvi. 136.
elegans, Suter. P.Mal.S. ii. 35.
- Phrixgnathus**, Hutton, 1883.
marisæ, Gray. P.L.S.N.S.W. 2, vii. 647; Man. Conch. 2, iii. 37.
erigone, Gray. P.L.S.N.S.W. 2, vii. 648; Man. Conch. 2, iii. 37.
glabriuscula, Pfeiffer. P.L.S.N.S.W. 2, vii. 650; Man. Conch. 2, iii. 37.
regularis, Pfeiffer. P.L.S.N.S.W. 2, vii. 648; Man. Conch. 2, iii. 37.
sciadium, Pfeiffer. P.L.S.N.S.W. 2, vii. 650.
fatua, Pfeiffer. P.L.S.N.S.W. 2, vii. 650.
conella, Pfeiffer. P.L.S.N.S.W. 2, vii. 647; Man. Conch. 2, viii. 58.

- Phrixgnathus campbellica**, Filhol. P.L.S.N.S.W. 2, vii. 649.
ariel, Hutton. P.L.S.N.S.W. 2, vii. 647; Man. Conch. 2, viii. 59.
marginata, Hutton. P.L.S.N.S.W. 2, vii. 647; Man. Conch. 2, viii. 60.
celia, Hutton. P.L.S.N.S.W. 2, vii. 648; Man. Conch. 2, viii. 60.
pumila, Hutton. P.L.S.N.S.W. 2, vii. 648; Man. Conch. 2, viii. 63.
phrynia, Hutton. P.L.S.N.S.W. 2, vii. 649; Man. Conch. 2, viii. 61; *L. acanthinulopsis*, Suter, P.L.S.N.S.W. 2, vii. 650.
var. major, Suter. P.Mal.S. ii. 259.
titania, Hutton. P.L.S.N.S.W. 2, vii. 650; Man. Conch. 2, viii. 62.
haasti, Hutton. P.L.S.N.S.W. 2, vii. 650; Man. Conch. 2, viii. 62.
microreticulata, Suter. T.N.Z.I. xxii. 227; Man. Conch. 2, viii. 63.
raricostata, Suter. T.N.Z.I. xxii. 226¹; Man. Conch. 2, viii. 100.
allochroida, Suter. T.N.Z.I. xxii. 228; Man. Conch. 2, viii. 63.
var. sericata, Suter. T.N.Z.I. xxii. 228; Man. Conch. 2, viii. 64.
var. lateumbilicata, Suter. T.N.Z.I. xxii. 228; Man. Conch. 2, viii. 64.
transitans, Suter. T.N.Z.I. xxiv. 297; Man. Conch. 2, viii. 59.
murdochi, Suter. T.N.Z.I. xxvi. 136.
cheesemani, Suter. T.N.Z.I. xxvi. 137.
lucida, Suter. P.Mal.S. ii. 36.
var. elevata, Suter. P.Mal.S. ii. 36.
spiralis, Suter. P.Mal.S. ii. 36.
moellendorffi, Suter. P.Mal.S. ii. 36.
sublucida, Suter. P.Mal.S. ii. 37.
hamiltoni, Suter. P.Mal.S. ii. 37.

Family PHENACOHELICIDÆ.

Flammulina, v. Martens, 1873.

- zebra*, Le Guillon. P.L.S.N.S.W. 2, vii. 643; Man. Conch. 2, i. 128.
chiron, Gray. P.L.S.N.S.W. 2, vii. 644; Man. Conch. 2, i. 129.
compressivoluta, Reeve. P.L.S.N.S.W. 2, vii. 643; Man. Conch. 2, i. 128.
crebriflammis, Pfeiffer. P.L.S.N.S.W. 2, vii. 644; Man. Conch. 2, i. 130 (not *infundibulum*, H. and J.).
alpina, Suter. *Corneo-fulva*, Suter, not of Pfeiffer, which is *Hyalinia cellaria*, Mueller, an introduced species. P.L.S.N.S.W. 2, vii. 644; Man. Conch. 2, viii. 76.
cornea, Hutton. P.L.S.N.S.W. 2, vii. 643; Man. Conch. 2, viii. 75.

- Flammulina jacquetta**, Hutton. P.L.S.N.S.W. 2, vii. 643; Man. Conch. 2, viii. 76.
perdita, Hutton. P.L.S.N.S.W. 2, vii. 644; Man. Conch. 2, viii. 76.
costulata, Hutton. P.L.S.N.S.W. 2, vii. 645; Man. Conch. 2, viii. 73.
feredayi, Suter. P.L.S.N.S.W. 2, vii. 645; Man. Conch. 2, viii. 74.
var. glacialis, Suter. T.N.Z.I. xxiii. 92.
olivacea, Suter. P.L.S.N.S.W. 2, vii. 645; Man. Conch. 2, viii. 75.
pilsbryi, Suter. T.N.Z.I. xxvi. 133.
- Sutera**, Pilsbry, 1892.
ide, Gray. P.L.S.N.S.W. 2, vii. 642; Man. Conch. 2, ii. 210.
- Phenacohelix**, Suter, 1892.
pilula, Reeve. P.Mal.S. ii. 284; Man. Conch. 2, ii. 212.
chordata, Pfeiffer. P.L.S.N.S.W. 2, vii. 642.
lucetta, Hutton. P.L.S.N.S.W. 2, vii. 654; P. Mal. S. iii. 323.
perplexa, Murdoch. P.Mal.S. ii. 161.
ponsonbyi, Suter. P.Mal.S. ii. 285.
var. unicolor, Suter. T.N.Z.I. xxvi. 134.
- Therasia**, Hutton, 1883.
thaisa, Hutton. P.L.S.N.S.W. 2, vii. 641; Man. Conch. 2, viii. 70.
celinde, Gray. P.L.S.N.S.W. 2, vii. 640; Man. Conch. 2, ii. 211.
ophelia, Pfeiffer. P.L.S.N.S.W. 2, vii. 640; Man. Conch. 2, ii. 211.
decidua, Pfeiffer. P.L.S.N.S.W. 2, vii. 641; Man. Conch. 2, viii. 71.
valeria, Hutton. P.L.S.N.S.W. 2, vii. 640; Man. Conch. 2, viii. 69.
tamora, Hutton. P.L.S.N.S.W. 2, vii. 641; Man. Conch. 2, viii. 70.
traversi, E. A. Smith. P.L.S.N.S.W. 2, vii. 641; Man. Conch. 2, ii. 214.
- Pyrrha**, Hutton, 1884.
crecida, Hutton. P.L.S.N.S.W. 2, vii. 640; Man. Conch. 2, viii. 72.
subincarnata, Suter. T.N.Z.I. xxvi. 133.
virescens, Suter. P.Mal.S. iii. 287.
- Allodiscus**, Pilsbry, 1892.
dimorpha, Pfeiffer. P.L.S.N.S.W. 2, vii. 638; Man. Conch. 2, ii. 211.

- Allodiscus tullia**, Gray. P.L.S.N.S.W. 2, vii, 638.; Man. Conch. 2, ii. 211.
granum, Pfeiffer. P.L.S.N.S.W. 2, vii. 43; *miranda*, Hutton, T.N.Z.I. xvi. 180; Man. Conch. 2, ii. 212; viii. 68.
venulata, Pfeiffer. P.L.S.N.S.W. 2, vii. 638.
cassandra, Hutton. P.L.S.N.S.W. 2, vii. 638; Man. Conch. 2, viii. 66.
planulata, Hutton. P.L.S.N.S.W. 2, vii. 638; Man. Conch. 2, viii. 67.
adriana, Hutton. P.L.S.N.S.W. 2, vii. 639; Man. Conch. 2, viii. 67.
godeti, Suter. P.L.S.N.S.W. 2, vii. 639; Man. Conch. 2, viii. 68.
wairoaensis, Suter. P.L.S.N.S.W. 2, viii. 488.
urquharti, Suter. P.L.S.N.S.W. 2, viii. 489.
smithi, Suter. T.N.Z.I. xxvi. 134.
rustica, Suter. T.N.Z.I. xxvi. 135.
chion, Sykes. P.Mal.S. ii. 107.
mossi, Murdoch. P.Mal.S. ii. 162.
- Gerontia**, Hutton, 1883.
pantherina, Hutton. P.L.S.N.S.W. 2, vii. 637; Man. Conch. 2, viii. 65.
cordelia, Hutton. P.L.S.N.S.W. 2, vii. 637; Man. Conch. 2, viii. 66.
- Carthæa**, Hutton, 1884.
kivi, Gray. P.L.S.N.S.W. 2, vii. 633; Man. Conch. 2, iii. 37.
- Thalassohelix**, Pilsby, 1892.
zealandiæ, Gray. P.L.S.N.S.W. 2, vii. 637; Man. Conch. 2, ii. 214.
var. antipoda, Hombron and Jacquinot. P.L.S.N.S.W. 2, vii. 637; Man. Conch. 2, ii. 214.
aucklandica, Le Guillon. P.L.S.N.S.W. 2, vii. 637.
ziczac, Gould. P.L.S.N.S.W. 2, vii. 635; Man. Conch. 2, i. 252; viii. 69.
igniflua, Reeve. P.L.S.N.S.W. 2, vii. 636; Man. Conch. 2, i. 129.
var. obnubila, Reeve. P.L.S.N.S.W. 2, vii. 636.
propinqua, Hutton. P.L.S.N.S.W. 2, vii. 636; Man. Conch. 2, viii. 72.
- Phacussa**, Hutton, 1883.
helmsi, Hutton. T.N.Z.I. xv. 137, 138.
var. maculata, Hutton. T.N.Z.I. xvi. 205.
hypopolia, Pfeiffer. P.L.S.N.S.W. 2, vii. 635; Man. Conch. 2, ii. 181, 212.
fulminata, Hutton. T.N.Z.I. xv. 138.

- Phacussa fulminata*, *var. costata*, Suter. P.Mal.S. iii. 288.
henryi, Suter. P.Mal.S. iii. 289.
- Family LIMACIDÆ.
- Helicarion*, Férussac fils, 1822.
kermadecensis, E. A. Smith. P.L.S.N.S.W. 2, vii. 633;
 Man. Conch. 2, i. 158.
- Otoconcha*, Hutton, 1884.
dimidiata, Pfeiffer. P.L.S.N.S.W. 2, vii. 634; Man. Conch.
 2, i. 181.
- Xesta*, Albers, 1850.
novaræ, Pfeiffer. P.L.S.N.S.W. 2, vii. 644; T.N.Z.I. xxvi. 130.
- Macrochlamys*, Benson, 1832 (s.str.).
kermadeci, Pfeiffer. P.L.S.N.S.W. 2, vii. 634.
- Medyla*, Albers, 1860 (*Coneuplecta*).
exposita, Mousson. P.L.S.N.S.W. 2, vii. 634; Man. Conch.
 2, ii. 47.
- Family RHYTIDIDÆ.
- Rhytida*, Albers, 1860.
greenwoodi, Gray. P.L.S.N.S.W. 2, vii. 630; Man. Conch.
 2, i. 126; P.Mal.S. iv. 166.
dunniæ, Gray. P.L.S.N.S.W. 2, vii. 630; Man. Conch. 2,
 i. 126.
var. beta, Pfeiffer. P.L.S.N.S.W. 2, vii. 630; Man. Conch.
 2, i. 126.
patula, Hutton. P.L.S.N.S.W. 2, vii. 630.
citrina, Hutton. P.L.S.N.S.W. 2, vii. 631.
australis, Hutton. P.L.S.N.S.W. 2, vii. 631.
meesoni, Suter. P.L.S.N.S.W. 2, vii. 631; P.Mal.S. iv. 168.
- Rhenea*, Hutton, 1893.
coresia, Gray. P.L.S.N.S.W. 2, vii. 631; Man. Conch. 2,
 i. 130; P.Mal.S. iv. 168.
jeffreysiana, Pfeiffer. P.L.S.N.S.W. 2, vii. 631; Man.
 Conch. 2, i. 129.
- Paryphanta*, Albers, 1850.
busbyi, Gray. P.L.S.N.S.W. 2, vii. 629; Man. Conch. 2,
 i. 127.
urnula, Pfeiffer. P.L.S.N.S.W. 2, vii. 630; Man. Conch. 2,
 i. 128.
hochstetteri, Pfeiffer. P.L.S.N.S.W. 2, vii. 629; Man.
 Conch. 2, i. 127; P.Mal.S. i. 5, iv. 171; A.M.N.H. 7, vii.
 68; Zool. Jahrb. xiv. 369.
gilliesi, E. A. Smith. P.L.S.N.S.W. 2, vii. 629; Man.
 Conch. 2, i. 127.
lignaria, Hutton. T.N.Z.I. xx. 43; xxxii. 22.
edwardi, Suter. P.Mal.S. iii. 290; A.M.N.H. 7, vii. 70.

Schizoglossa, Hedley, 1893.

novoseelandica, Pfeiffer. P.L.S.N.S.W. 2, vii. 628; P.Mal.S. iv. 169; A.M.N.H. 7, vii. 71.

Sub-order BASOMMATOPHORA.

Family LIMNÆIDÆ.

Sub-family PLANORBINÆ.

Planorbis, (Guettard) Geoffroy, 1767.

corinna, Gray. P.L.S.N.S.W. 2, vii. 626.

Isidora, Ehrenberg, 1831.

variabilis, Gray. P.L.S.N.S.W. 2, vii. 627; *gibbosa*, Hutton; T.N.Z.I. xiv. 155, not of Gould; *novæseelandicæ*, Clessin, Conch. Cab. 2, i. pt. 17, 372.

tabulata, Gould. P.L.S.N.S.W. 2, vii. 627; *coromandelicus*, Dunker, Mal.Blätt. ix. 150; *hochstetteri*, Dunker, l.c. 150.

antipodea, Sowerby. P.L.S.N.S.W. 2, vii. 627.

Sub-family LIMNÆINÆ.

Limnæa, Lamarck, 1801.

tomentosa, Pfeiffer. P.L.S.N.S.W. 2, vii. 625.

leptosoma, Hutton. T.N.Z.I. xvii. 55.

tenella, Hutton. T.N.Z.I. xvii. 55, 56.

pusilla, Hutton. T.N.Z.I. xxii. 56.

tenisoni, Clessin, Conch. Cab. 2, i. pt. 17, 371.

var. alfredi, Suter. T.N.Z.I. xxii. 229; xxiv. 300.

Amphipeplea, Nilsson, 1822.

arguta, Hutton. T.N.Z.I. xvii. 54.

ampulla, Hutton. T.N.Z.I. xvii. 55.

var. globosa, Suter. T.N.Z.I. xxiii. 93.

Sub-family ANCYLINÆ.

Gundlachia, Pfeiffer, 1847.

— *sp.* T.N.Z.I. xxvi. 122.

Latia, Gray, 1850.

neritoides, Gray. P.L.S.N.S.W. 2, vii. 624.

var. lateralis, Gould. P.L.S.N.S.W. 2, vii. 624.

var. petitiana, Fischer. Jour. de Conch. v. 84.

var. gassiesiana, Fischer. Jour. de Conch. v. 167.

Family AMPHIBOLIDÆ.

Amphibola, Schumacher, 1817.

crenata, Martyn, Man. N.Z. Moll. 35; A.M.N.H. 5, viii. 181;

wellana, Bruguière, 1789.

Family AURICULIDÆ.

Tralia, Gray, 1840 (*Ophicardelus*).

australis, Quoy and Gaimard. Man. N.Z. Moll. 34.

Marinula, King, 1832.

filholi, Hutton. Man. N.Z. Moll. 34.

Leuconopsis, Hutton, 1884.

obsoleta, Hutton. Man. N.Z. Moll. 34; P.L.S.N.S.W. xxv.
pl. xlvi. fig. 16.

Order OPISTHOBRANCHIA.

Sub-order NUDI BRANCHIA.

Family DORIDIDÆ.

Archidoris, Bergh. 1892.

tuberculata, Cuvier. Man. N.Z. Moll, 125.

Doris, Linnæus, 1758.

punctata, Quoy and Gaimard. Man. N.Z. Moll. 125.

granulosa, Abraham. Man. N.Z. Moll. 126.

longula, Abraham. Man. N.Z. Moll. 126.

muscula, Abraham. Man. N.Z. Moll. 126.

lanuginata, Abraham. Man. N.Z. Moll. 127.

wellingtonensis, Abraham. Man. N.Z. Moll. 127.

rubicunda, Cheeseman. T.N.Z.I. xiii. 222.

flabellifera, Cheeseman. T.N.Z.I. xiii. 222.

luctuosa, Cheeseman. T.N.Z.I. xiv. 213.

Chromodoris, Alder and Hancock, 1855.

aureo-marginata, Cheeseman. T.N.Z.I. xiii. 223.

amœna, Cheeseman. T.N.Z.I. xviii. 137.

Family DORIOPSISIDÆ.

Doriopsis, Pease, 1860.

mammosa, Abraham. P.Z.S. 1877, 266; T.N.Z.I. xiv.
214.

citrina, Cheeseman. T.N.Z.I. xiii. 223.

Family GONIODORIDÆ.

Acanthodoris, Gray, 1850.

mollicella, Abraham. Man. N.Z. Moll. 128.

globosa, Abraham. Man. N.Z. Moll. 128.

Atagena, Gray, 1850.

carinata, Quoy and Gaimard. Man. N.Z. Moll. 128.

Family POLY CERIDÆ.

Euplocamus, Philippi, 1836.

pacificus, Bergh. Challenger Reports, x. 57.

Family ÆOLIDIDÆ.

Æolis, Cuvier, 1798.

gracilis, T. W. Kirk. T.N.Z.I. xv. 217.

leptosoma, Hutton. T.N.Z.I. xvi. 213.

- Fiona**, Hancock and Embleton, 1853.
marina, Forskål. *Eolis plicata*, Hutton, T.N.Z.I. xiv. 166;
 Bergh, Opisthobranches Campagnes Hirondelle, 6-8, Pl. i.
 figs. 7-16.
- Æolidiella**, Bergh, 1892.
drusilla, Bergh. Erg. Reise Pacific, 233.
faustina, Bergh. L.c. 235.
- Facelina**, Alder and Hancock, 1855.
longicauda, Quoy and Gaimard. Man N.Z. Moll. 129.
- Cratena**, Bergh, 1864.
corfei, Hutton. T.N.Z.I. xiii. 203; xiv. 166.

Family HERMÆIDÆ.

- Stiliger**, Ehrenberg, 1831. *Calliopæa*, d'Orbigny, 1837.
felina, Hutton. T.N.Z.I. xv. 118, 133.

Sub-order TECTIBRANCHIA.

Family SIPHONARIIDÆ.

- Siphonaria**, Sowerby, 1824.
obliquata, Sowerby. T.N.Z.I. xv. 141.
australis, Quoy and Gaimard. T.N.Z.I. xv. 142; A.M.N.H.
 5, ix. 341.
zelandica, Quoy and Gaimard. T.N.Z.I. xv. 143.
tristensis (Leach), Sowerby. *S. redimiculum*, Reeve.
 T.N.Z.I. xv. 143.
- Gadinia**, Gray, 1824.
nivea, Hutton. T.N.Z.I. xv. 144.

Family PLEUROBRANCHIDÆ.

- Pleurobranchus**, Cuvier, 1804.
ornatus, Cheeseman. P.Z.S. 1878, 275; T.N.Z.I. xi. 378;
 Man. Conch. 1, xvi. 206.
aurantiacus, Risso. Zool. Jahrb. Syst. xiii. 210; Man.
 Conch. 1, xvi. 195.
- Pleurobranchæa**, Meckel, 1813.
maculata, Quoy and Gaimard. Voy Astrol. ii. 301; Man.
 Conch. 1, xvi. 227.
novæ-zealandiæ, Cheeseman. P.Z.S. 1878, 276; T.N.Z.I.
 xi. 378; Man. Conch. 1, xvi. 227.
var. granulosa, Bergh. Zool. Jahrb. Syst. xiii. 209.

Family APLYSIIDÆ.

- Tethys**, Linnæus, 1758.
brunnea, Hutton. T.N.Z.I. vii. 279; Man. Conch. 1, xvi.
 97.
venosa, Hutton. T.N.Z.I. vii. 279; Man. Conch. 1, xvi. 98.

Tethys tryoni, Meinertzhagen. T.N.Z.I. xii. 270; Man. Conch. 1, xvi. 16, 98.

hamiltoni, T. W. Kirk. T.N.Z.I. xiv. 283; Man. Conch. 1, xvi. 98.

Notarchus, Cuvier, 1817.

glaucus, Cheeseman. P.Z.S. 1878, 277; T.N.Z.I. xi. 379; Man. Conch. 1, xvi. 146

Family AGLAJIDÆ.

Aglaja, Remier, 1804.

cylindrica, Cheeseman. T.N.Z.I. xiii. 224; Man. Conch. 1, xvi. 49.

Family PHILINIDÆ.

Philine, Ascanius, 1772.

aperta, Linnæus. *P. angasi*, Crosse and Fischer. Man. N.Z. Moll. 123; Man. Conch. 1, xvi. 8.

Family AKERATIDÆ.

Akera, O. F. Mueller, 1776.

tumida, A. Adams. Man. N.Z. Moll. 122; Man. Conch. 1, xv. 379.

Haminea, Leach, 1847.

zelandiæ, Gray. Man. N.Z. Moll. 121; Man. Conch. 1, xv. 373.

cuticulifera, E. A. Smith. Man. N.Z. Moll. 122; Man. Conch. 1, xv. 372.

? **castanea**, A. Adams. Sow. Thes. ii. 584; Man. Conch. 1, xv. 374.

Family BULLIDÆ.

Bulla, Linnæus, 1758.

australis (Gray), Quoy and Gaimard. P.L.S.N.S.W. 1, x. 89; Man. Conch. 1, xv. 346.

quoyi, Gray. Man. N.Z. Moll. 121; Man. Conch. 1, xv. 348.

Family SCAPHANDRIDÆ.

Cylichna, Lovén, 1846.

arachis, Quoy and Gaimard. Voy. Astrol. ii. 361; Man. Conch. 1, xv. 318.

striata, Hutton. Man. N.Z. Moll. 120; Man. Conch. 1, xv. 319.

Family ACTÆONIDÆ.

Actæon, Montfort, 1810.

kirki, Hutton. Man. N.Z. Moll. 119; Man. Conch. 1, xv. 146.

Solidula, Fischer de Waldheim, 1807.

alba, Hutton. Man. N.Z. Moll. 119; Man. Conch. 1, xv. 146.

Solidula gracilis, T. W. Kirk. T.N.Z.I. xiv. 268; Man. Conch. 1, xv. 146.

huttoni, T. W. Kirk. T.N.Z.I. xiv. 268; Man. Conch. 1, xv. 147.

Leucotina, A. Adams, 1860.

pura, A. Adams. Man. Conch. 1, xv. 172.

Bullinula, Beck, 1840. *Bullina*, Adams, non Férussac.

scabra, Gmelin. Man. N.Z. Moll. 120; Man. Conch. 1, xv. 176; *B. lineata*, Wood.

Family TORNATINIDÆ.

Tornatina, A. Adams, 1850.

pachys, Watson. Challenger Reports, xv. 660; Man. Conch. 1, xv. 198.

Family CAVOLINIIDÆ.

Cavolinia, Abildgaard, 1791.

tridentata, Forskål. Austral. Mus. Sydney, Cat. xv. 38.

Sub-class STREPTONEURA.

Sub-order HETEROPODA.

Family PTEROTRACHEIDÆ.

Carinaria, Lamarck, 1801.

australis, Quoy and Gaimard. Voy. Astrol. ii. 394.

Sub-order PLATYPODA.

α. TOXOGLOSSA.

Family TEREBRIDÆ.

Terebra, Bruguière, 1789.

tristis, Deshayes. P.L.S.N.S.W. 1, x. 118; Man. Conch. 1, vii. 36.

Family CONIDÆ.

Sub-family PLEUROTOMINÆ.

Pleurotoma, Lamarck, 1822.

ischna, Watson. T.N.Z.I. xxxi. 65.

Genotia, H. and A. Adams, 1853.

engonia, Watson. T.N.Z.I. xxxi. 65.

Drillia, Gray, 1838.

lævis, Hutton. T.N.Z.I. xxxi. 66.

amœna, E. A. Smith. T.N.Z.I. xxxi. 66.

Spirotropis, Sars, 1878.

bulbacea, Watson. T.N.Z.I. xxxi. 67.

Sub-family CLAYATULINÆ.

Surcula, H. and A. Adams, 1853.

novæ-zelandiæ, Reeve. T.N.Z.I. xxxi. 67; Man. Conch. 1, vi. 184.

- Surcula trailli**, Hutton. T.N.Z.I. xxxi. 68; Man. Conch. 1, vi. 206, 208.
albula, Hutton. T.N.Z.I. xxxi. 68.
cheesemani, Hutton. T.N.Z.I. xxxi. 69.
gypsata, Watson. T.N.Z.I. xxxi. 69.
varians, Hutton. T.N.Z.I. xxxi. 69.
verrucosa, Suter. T.N.Z.I. xxxi. 70.

Sub-family MANGILIINÆ.

- Mangilia** (Leach), Risso, 1826.
ula, Watson. T.N.Z.I. xxxi. 71.
goodingi, E. A. Smith. T.N.Z.I. xxxi. 71.
dictyota, Hutton. T.N.Z.I. xxxi. 72.
subaustralis, Suter. T.N.Z.I. xxxi. 72.
flexicostata, Suter. T.N.Z.I. xxxi. 73.
Clathurella, Carpenter, 1857.
sinclairi, E. A. Smith. T.N.Z.I. xxxi. 73; Man. Conch. 1, vi. 283.
subabnormis, Suter. T.N.Z.I. xxxi. 74.
nodicincta, Suter. T.N.Z.I. xxxi. 74.
Daphnella, Hinds, 1844.
lymneiformis, Kiener. T.N.Z.I. xxxi. 75; Man. Conch. 1, vi. 300.
lacunosa, Hutton. T.N.Z.I. xxxi. 75.
substriata, Suter. T.N.Z.I. xxxi. 76.
protensa, Hutton. T.N.Z.I. xxxi. 76; Man. Conch. 1, vi. 208.
membranacea, Watson. T.N.Z.I. xxxi. 77.
xanthias, Watson. T.N.Z.I. xxxi. 77.

Family CANCELLARIIDÆ.

- Cancellaria**, Lamarck, 1822.
trailli, Hutton. Man. N.Z. Moll 46.

b. RACHIGLOSSA.

Family MURICIDÆ.

- Murex**, Linnaeus, 1758.
zelandicus, Quoy and Gaimard. T.N.Z.I. xvi. 218; Man. Conch. 1, ii. 108.
octogonus, Quoy and Gaimard. T.N.Z.I. xvi. 218; Man. Conch. 1, ii. 110.
var. espinosa, Hutton. T.N.Z.I. xviii. 333.
var. umbilicata, J. Woods. Journ. Malac. viii. 61.
angasi, Crosse. T.N.Z.I. xvi. 219; Man. Conch. 1, ii. 88.
eos, Hutton. Cat. Mar. Moll. N.Z. 8.
Purpura, Bruguière, 1789.
succincta, Martyn. T.N.Z.I. xvi. 221; Man. Conch. 1, ii. 170; *P. textiliosa*, Lamarck. T.N.Z.I. xvi. 221.

- Purpura striata**, Martyn. T.N.Z.I. xvi. 221.
var. squamata, Hutton. Man. N.Z. Moll. 56.
scobina, Quoy and Gaimard. T.N.Z.I. xvi. 222; Man. Conch. 1, ii. 170.
var. albomarginata, Deshayes. T.N.Z.I. xvi. 222.
var. rutila, Suter. Journ. Malac. vii. 55.
haustrum, Martyn. T.N.Z.I. xvi. 222; Man. Conch. 1, ii. 160.
tritoniformis, Blainville. P. Roy. S. Vict. n.s. x. 275; Man. Conch. 1, ii. 156.
- Trophon**, Montfort, 1810.
stangeri, Gray. T.N.Z.I. xvi. 219; Man. Conch. 1, ii. 147.
duodecimus, Gray. T.N.Z.I. xvi. 220; Man. Conch. 1, ii. 147.
ambiguus, Philippi. T.N.Z.I. xvi. 219; Man. Conch. 1, ii. 133.
var. cretacea, Reeve. Conch. Icon. Fusus, sp. 48.
var. pumila, Suter. Journ. Malac. vii. 55.
patens, Hombron and Jacquinot. Man. N.Z. Moll. 57; Man. Conch. 1, ii. 177.
paivæ, Crosse. Man. N.Z. Moll. 49; Man. Conch. 1, ii. 155.
plebejus, Hutton. T.N.Z.I. xvi. 220; Man. Conch. 1, ii. 145.
inferus, Hutton. T.N.Z.I. xvi. 221; Man. Conch. 1, ii. 145.
cheesemani, Hutton. T.N.Z.I. xvi. 220.

Family COLUMBELLIDÆ.

- Columbella**, Lamarck, 1799.
choava, Reeve. T.N.Z.I. xvi. 223. Man. Conch. 1, v. 137.
huttoni, Suter. For *sulcata*, Hutton, Man. N.Z. Moll. 45, preoccupied.

Family NASSIDÆ.

- Nassa**, Lamarck, 1799.
glans, Linnæus. P. Roy. S. Vict. n.s. x. 280; Man. Conch. 1, iv. 27.
ephamilla, Watson. Challenger Reports, xv. 187.
dissimilis, Watson. Challenger Reports, xv. 175.

Family BUCCINIDÆ.

- Siphonalia**, A. Adams, 1863.
nodosa, Martyns. Cat. Tert. Moll. B.M. i. 158; Man. Conch. 1, iii. 136.
mandarina, Duclos. Cat. Tert. Moll. B.M. i. 157; Man. Conch. 1, iii. 138.
var. caudata, Quoy and Gaimard. Voy. Astrol. ii. 503.
var. valedicta, Watson. Challenger Reports, xv. 201.
dilatata, Quoy and Gaimard. P. Roy. S. Vict. n.s. x. 272; Man. Conch. 1, iii. 135.

- Cominella**, Gray, 1847.
maculata, Martyn. T.N.Z.I. xvi. 231; Man. Conch. 1, iii. 204.
maculosa, Martyn. T.N.Z.I. xvi. 231; Man. Conch. 1, iii. 204.
testudinea, Chemnitz. T.N.Z.I. xvi. 231; Man. Conch. 1, iii. 203.
lineolata, Lamarck. P. Roy. S. Vict. n.s. x. 275; Man. Conch. 1, iii. 204.
nassoides, Reeve. T.N.Z.I. xvi. 232; Man. Conch. 1, iii. 206; *C. veneris*, Filhol, Mission Ile Campbell, 525.
lurida, Philippi. T.N.Z.I. xvi. 233; Man. Conch. 1, iii. 206.
virgata, H. and A. Adams. T.N.Z.I. xvi. 232; Man. Conch. 1, iii. 204.
huttoni, Kobelt. T.N.Z.I. xvi. 232; Man. Conch. 1, iii. 205.
campbelli, Filhol. Mission Ile Campbell, 524.
- Euthria**, Gray, 1850.
lineata, Martyn. T.N.Z.I. xvi. 229; Man. Conch. 1, iii. 151.
var. traversi, Hutton. T.N.Z.I. xvi. 229; Man. Conch. 1, iii. 136.
var. pertinax, v. Martens. T.N.Z.I. xvi. 229; Man. Conch. 1, iii. 151.
vittata, Quoy and Gaimard. T.N.Z.I. xvi. 230; Man. Conch. 1, iii. 152.
antarctica, Reeve. T.N.Z.I. xvi. 231; Man. Conch. 1, iii. 150.
littorinoides, Reeve. T.N.Z.I. xvi. 230; Man. Conch. 1, iii. 151.
striata, Hutton. T.N.Z.I. xvi. 230.
martensiana, Hutton. T.N.Z.I. xvi. 230; Man. Conch. 1, iii. 151.
flavescens, Hutton. T.N.Z.I. xvi. 230.
- Pisania**, Bivona, 1832.
reticulata, A. Adams. P.Z.S. 1854, 138; Man. Conch. 1, iii. 147.
- Family FASCIOLARHIDE.
- Fusus**, Lamarck, 1799.
spiralis, A. Adams. T.N.Z.I. xvi. 227.
- Taron**, Hutton, 1883.
dubius, Hutton. T.N.Z.I. xvi. 227; Man. Conch. 1, ii. 156.
- Family MITRIDE.
- Mitra**, Lamarck, 1799.
melaniana, Lamarck. P. Roy. S. Vict. n.s. x. 186; Man. Conch. 1, iv. 127.
obscura, Hutton. P.Mal.S. ii. 201.
albipicta, E. A. Smith. P.Mal.S. iii. 21.

- Vulpecula**, Blainville, 1824. *Turricula*, Klein, 1753.
rubiginosa, Hutton. T.N.Z.I. xvi. 226.
planata, Hutton. T.N.Z.I. xvii. 315.

Family VOLUTIDÆ.

- Scaphella**, Swainson, 1832.
gracilis, Swainson. Cat. Tert. Moll. B.M. i. 114; Man.
 Conch. 1, iv. 94.
pacifica, Lamarck. Cat. Tert. Moll. B.M. i. 113; Man.
 Conch. 1, iv. 94.
var. elongata, Swainson. T.N.Z.I. xvi. 225.
lutea, Watson. Challenger Reports, xv. 254.

Family MARGINELLIDÆ.

- Marginella**, Lamarck, 1801.
muscaria, Lamarck. P. Roy. S. Vict. n.s. x. 189; Man.
 Conch. 1, v. 23.
turbinata, Sowerby. Cat. Tert. Moll. B.M. i. 87; Man.
 Conch. 1, v. 23.
pygmæa, Sowerby. P. Roy. S. Vict. n.s. xi. 191; Man.
 Conch. 1, v. 26, 93.
infans, Reeve. T.N.Z.I. xvi. 224.
mustelina, Angas. P.Z.S. 1871, 14.

Family OLIVIDÆ.

- Ancilla**, Lamarck, 1799.
australis, Sowerby. Cat. Tert. Moll. B.M. i. 76; Man.
 Conch. 1, v. 94.
mucronata, Sowerby. Reeve, Conch. Icon. sp. 10; *A.*
albisulcata, Quoy and Gaimard, V. Astrol. iii. 19.
pyramidalis, Reeve. Conch. Icon. sp. 11.
bicolor, Gray. *A. novæ-zelandiæ*, Sowerby; *A. nana*,
 Watson, Challenger Reports, xv. 230.

c. GYMNOGLOSSA.

Family PYRAMIDELLIDÆ.

- Pyramidella**, Lamarck, 1799.
rosea, Hutton. Man. N.Z. Moll. 72.
Eulimella, Forbes, 1846.
duplexa, Hutton. T.N.Z.I. xvii. 318.
Odontostoma, Fleming, 1828.
angasi, Tryon. Man. Conch. 1, viii. 362.
impolita, Hutton. Man. N.Z. Moll. 81.
hyphala, Watson. Challenger Reports, xv. 483.
Turbonilla, Leach, 1826.
zealandica, Hutton. Man. N.Z. Moll. 72.

d. TÆNIGLOSSA.

Family LOTORIIDÆ.

Lotorium, Montfort, 1810.

olearium, Linnæus. P.L.S.N.S.W. 1, ix. 932; Man. Conch. 1, iii. 11.

tritoniis, Linnæus. P.L.S.N.S.W. 1, ix. 932; Man. Conch. 1, iii. 9.

spengleri, Chemnitz. P.L.S.N.S.W. 1, ix. 933; Man. Conch. 1, iii. 16.

cornutum, Perry=*exaratum*, Reeve. P. Roy. S. Vict. n.s. x. 265; Man. Conch. 1, iii. 22.

rubicundum, Perry=*nodiferum*, Lamarck. P.L.S.N.S.W. 1, ix. 932; Man. Conch. 1, iii. 10.

Apollo, Montfort, 1810.

argus, Gmelin. P. Roy. S. Vict. n.s. x. 267; Man. Conch. 1, iii. 44.

australasia, Perry. *A. leucostomus*, Lamarck. P. Roy. S. Vict. n.s. 268; Man. Conch. 1, iii. 42.

Family CASSIDIDÆ.

Semicassis, Mörch, 1852.

labiata, Perry=*achatina*, Lamarck. P. Roy. S. Vict. n.s. xii. 189; Man. Conch. 1, vii. 278.

pyrum, Lamarck. P. Roy. S. Vict. n.s. xii. 189; Man. Conch. 1, vii. 278.

Family DOLIIDÆ.

Dolium, Lamarck, 1801.

variegatum, Lamarck. Man. N.Z. Moll. 65; Man. Conch. 1, vii. 262.

costatum, Menke. Man. Conch. 1, vii. 263.

Family CYPREIDÆ.

Trivia, Gray, 1832.

europæa, Montagu. P.L.S.N.S.W. 1, ix. 935; Man. Conch. 1, vii. 205.

australis, Lamarck. P. Roy. S. Vict. n.s. xii. 187; Man. Conch. 1, vii. 206.

Family STRUTHIOLARIIDÆ.

Struthiolaria, Lamarck, 1816.

papulosa, Martyn. Cat. Tert. Moll. B.M. i. 219; Man. Conch. 1, vii. 133.

vermis, Martyn. Cat. Tert. Moll. B.M. i. 219; Man. Conch. i. vii. 133.

tricarinata, Lesson. Man. N.Z. Moll. 68.

Family VERMICULARIIDÆ.

Tenagodes, Guettard, 1770.

cumingi, Mörch. P.Z.S. 1860, 403; Man. Conch. 1, viii. 190.

weldii, J. Woods. P. Roy. S. Vict. n.s. xii. 205; Man. Conch. 1, viii. 191.

australis, Quoy and Gaimard. P. Roy. S. Vict. n.s. xii. 204; Man. Conch. 1, viii. 189.

Vermicularia, Lamarck, 1799; *Vermetus*, Adamson, 1757.

lamellosa, Hutton. Man. N.Z. Moll. 85; Man. Conch. 1, viii. 184.

zelandica, Quoy and Gaimard. P.Z.S. 1862, 82; Man. Conch. 1, viii. 182.

novæ-hollandiæ, Rousseau. P. Roy. S. Vict. n.s. xii. 204; Man. Conch. 1, viii. 179; *V. monilifera*, Hutton, Plioc. Moll. N.Z. 66.

rosea, Quoy and Gaimard. Man. N.Z. Moll. 85; Man. Conch. 1, viii. 185.

Family TURRITELLIDÆ.

Turritella, Lamarck, 1799.

rosea, Quoy and Gaimard. Cat. Tert. Moll. B.M. i. 240; Man. Conch. 1, viii. 199.

pagoda, Reeve. Conch. Icon. sp. 60; Man. Conch. 1, viii. 204.

sinuata, Reeve. Conch. Icon. sp. 62; Man. Conch. 1, viii. 200.

vittata, Hutton. Man. N.Z. Moll. 84; Man. Conch. 1, viii. 208; *T. carlottæ*, Watson, Challenger Reports, xv. 478.

fulminata, Hutton. Man. N.Z. Moll. 84; Man. Conch. 1, viii. 208.

kanieriensis, Harris. Cat. Tert. Moll. B.M. i. 241; *T. tricincta*, Hutton.

Family MELANIIDÆ.

Melanopsis, Férussac père, 1807.

trifasciata, Gray. P.L.S.N.S.W. 2, vii. 618.

Family CERITHIIDÆ.

Planaxis, Lamarck, 1822.

mollis, Sowerby. P.L.S.N.S.W. 2, ii. 993; Man. Conch. 1, ix. 270.

Triforis, Deshayes, 1824.

gemmulatus, Adams and Reeve. Voy. Samarang, 46; Man. Conch. 1, ix. 181.

angasi, Crosse. Man. N.Z. Moll. 75; Man. Conch. 1, ix. 179.

- Cerithiopsis**, Forbes and Hanley, 1849.
cerea, Sowerby. Thes. Conch. ii. 880; Man. Conch. 1, ix. 177.
terebelloides, v. Martens. Man. N.Z. Moll. 74; Man. Conch. 1, ix. 158.
- Potamides**, Brongniart, 1810.
bicarinatus, Gray. Man. N.Z. Moll. 74; Man. Conch, 1, ix. 163.
subcarinatus, Sowerby. P.L.S.N.S.W. 1, ix. 937; Man. Conch. 1, ix. 163.
alternatus, Hutton. Man. N.Z. Moll. 74; Man. Conch. 1, ix. 165.
tricarinatus, Hutton. P.L.S.N.S.W. 1, ix. 937; Man. Conch. 1, ix. 165.
- Bittium** (Leach), Gray, 1847.
lawleyanum, Crosse. Journ. de Conch. 1863, 87; Man. Conch. 1, ix. 154.
exile, Hutton. T.N.Z.I. xvi. 214; Man. Conch. 1, ix. 158.
cylindricum, Watson. Challenger Reports, xv. 550.

Family ASSIMINEIDÆ.

- Assimineæ**, Leach, 1828.
antipodum, Filhol. Mission Ile Campbell, 523.

Family HYDROBIIDÆ.

- Potamopyrgus**, Stimpson, 1865.
corolla, Gould. P.L.S.N.S.W. 2, vii. 619.
antipodum, Gray. P.L.S.N.S.W. 2, vii. 619.
cumingiana, Fischer. P.L.S.N.S.W. 2, vii. 619.
spelæa, Frauenfeld. Man. N.Z. Moll. 82.
pupoides, Hutton. T.N.Z.I. xiv. 146.

Family RISSOIDÆ.

- Rissoia**, Fréminville, 1813.
huttoni, Suter. P.Mal.S. iii. 2.
hamiltoni, Suter. P.Mal.S. iii. 2.
incidata, Frauenfeld. P.Mal.S. iii. 3; Man. Conch. 1, ix. 339.
annulata, Hutton. P.Mal.S. iii. 3.
var. minor, Suter. P.Mal.S. iii. 3.
subfusca, Hutton. P.Mal.S. iii. 4; Man. Conch. 1, ix. 344.
var. micronema, Suter. P.Mal.S. iii. 4.
tenisoni, Tate. *R. australis*, T. Woods, non Sow., P.Mal.S. iii. 4; P.L.S.N.S.W. xxv. pl. xxv. fig. 4.
fumata, Suter. P.Mal.S. iii. 5.
foveauxiana, Suter. P.Mal.S. iii. 5.
lubrica, Suter. P.Mal.S. iii. 5.

- Rissoia cheilostoma**, T. Woods. *R. plicata*, Hutton, *non*
Desh., P.Mal.S. iii. 6; Man. Conch. 1, ix. 86, 366.
var. lyalliana, Suter. P.Mal.S. iii. 6.
- Rissoina**, d'Orbigny, 1840.
rugulosa, Hutton. P.Mal.S. iii. 6.
fasciata, A. Adams. P.Mal.S. iii. 7; Man. Conch. 1, ix. 380.
olivacea, Hutton. P.Mal.S. iii. 7; Man. Conch. 1, ix. 397.
- Barleeia**, Clark, 1853.
rosea, Hutton. P.Mal.S. iii. 8; Man. Conch. 1, ix. 393.
neozelanica, Suter. P.Mal.S. iii. 8.

Family REALIIDÆ.

- Realia**, Gray, 1850.
egea, Gray. P.L.S.N.S.W. 2, vii. 622.
var. albina, Suter. T.N.Z.I. xxiv. 275.
turriculata, Pfeiffer. P.L.S.N.S.W. 2, vii. 622.
hochstetteri, Pfeiffer. P.L.S.N.S.W. 2, vii. 623.
carinella, Pfeiffer. P.L.S.N.S.W. 2, vii. 623.
- Omphalotropis**, Pfeiffer, 1854.
vestita, Pfeiffer. P.L.S.N.S.W. 2, vii. 622.

Family DIPLOMMATINIDÆ.

- Palaina**, Semper, 1865.
chordata, Pfeiffer. P.L.S.N.S.W. 2, vii. 620.
- Paxillus**, H. and A. Adams, 1851.
peregrinus, Gould. P.L.S.N.S.W. 2, vii. 620.

Family CYCLOPHORIDÆ.

- Lagochilus**, Blanford, 1864.
cytora, Gray. P.L.S.N.S.W. 2, vii. 621.
lignarius, Pfeiffer. P.L.S.N.S.W. 2, vii. 621.
pannosus, Hutton. P.L.S.N.S.W. 2, vii. 621.
calvus, Hutton. P.L.S.N.S.W. 2, vii. 621.
pallidus, Hutton. P.L.S.N.S.W. 2, vii. 621.
hedleyi, Suter. P.L.S.N.S.W. 2, viii. 484.
torquillus, Suter. P.L.S.N.S.W. 2, viii. 485.
fasciatus, Suter. T.N.Z.I. xxvi. 132.
chiltoni, Suter. P.Mal.S. ii. 33.
studerii, Suter. P.Mal.S. ii. 33.

Family LITORINIDÆ.

- Litorina**, Férussac, 1821.
mauritiana, Lamarck. P.L.S.N.S.W. 1, ix. 942; Man.
Conch. 1, ix. 247.
cincta, Quoy and Gaimard. P.L.S.N.S.W. 1, ix. 941.

Lævilitorina, Pfeiffer, 1886.
caliginosa, Gould, U.S. Expl. Exp. 198; Man. Conch. 1,
 ix. 254.

? *hamiltoni*, E. A. Smith. P. Mal. S. iii. 22. (*Paludestrina*.)

Risellopsis, Kesteven, 1902.

varia, Hutton. Man. N.Z. Moll. 79; Man. Conch. 1, ix. 255;
 Kesteven, Rec. Australian Mus. iv. 320.

Risella, Gray, 1840.

melanostoma, Gmelin. Man. N.Z. Moll. 79; Man. Conch.
 1, ix. 262.

Family SOLARIIDÆ.

Solarium, Lamarck, 1799.

luteum, Lamarck. P. Roy. S. Vict. n.s. xiii. 139; Man. Conch.
 1, ix. 16.

reevei, Hanley. *modesta*, Cooper, P.Z.S. 1862, 204; Man.
 Conch. 1, ix. 12.

Family HIPPONYCIDÆ.

Hipponyx, Defrance, 1819.

? *australis*, Lamarck. P. Roy. S. Vict. n.s. xii. 198; Man.
 Conch. 1, viii. 136.

Family CAPULIDÆ.

Calyptræa, Lamarck, 1799.

maculata, Quoy and Gaimard. V. Astrol. iii. 422; *C. novæ
 zealandiæ*, Lesson, V. Coq. ii. 395; Man. N.Z. Moll. 86.

scutum, Lesson. Man. N.Z. Moll. 86; Man. Conch. 1, viii.
 122.

Crepidula, Lamarck, 1799.

aculeata, Gmelin. Cat. Tert. Moll. B.M. i. 247; Man. Conch.
 1, viii. 129.

monoxyla, Lesson. Cat. Tert. Moll. B.M. i. 246; Man. Conch.
 1, viii. 128.

crepidula, Linnæus. *C. unguiformis*, Lamarck. Cat. Tert.
 Moll. B.M. i. 248; Man. Conch. 1, viii. 130.

Family XENOPHORIDÆ.

Xenophora, Fischer de Waldheim, 1807.

pallidula, Reeve. P.Z.S. 1842, 162; Man. Conch. 1, viii. 160.

Family TRICHOTROPIDÆ.

Trichotropis, Broderip and Sowerby, 1829.

inornata, Hutton. *T. clathrata*, Sowerby. Cat. Tert. Moll.
 B.M. i. 233; Man. Conch. 1, ix. 43.

Lippistes, Montfort, 1810.

benhami, Suter. Jour. Malac. ix. 65.

Family MARSENIADÆ.

Marsenia, Leach, 1819.

- ophione*, Gray. P.Z.S. 1849, 169; Man. Conch. 1, viii. 63.
cerebroides, Hutton. T.N.Z.I. xv. 122.

Family NATICIDÆ.

Natica, Scopoli, 1777.

- zelandica*, Quoy and Gaimard. Cat. Tert. Moll. B.M. i. 259;
 Man. Conch. 1, viii. 22.
australis, Hutton. Man.N.Z. Moll. 72; Man. Conch. 1, viii. 54.
vitrea, Hutton. P.L.S.N.S.W. 1, ix. 934; Man. Conch. 1,
 viii. 54.

Amaura, Möller, 1842.

- apora*, Watson. Chall. Rep. xv. 454.

e. PTENOGLOSSA.

Family SCALARIIDÆ.

Scalaria, Lamarck, 1801.

- tenella*, Hutton. P.L.S.N.S.W. 1, ix. 943; Man. Conch. 1,
 ix. 84; *S. novoseelandiæ*, Clessin, Mart. and Chemn. 57.
philippinarum, Sowerby. P. Roy. S. Vict. n.s. xiii. 144;
 Man. Conch. 1, ix. 66.
jukesiana, Forbes. P. Roy. S. Vict. n.s. xiii. 143; Man.
 Conch. 1, ix. 66; *S. wellingtonensis*, T. W. Kirk, T.N.Z.I.
 xii. 307.
australis, Lamarck. P. Roy. S. Vict. n.s. xiii. 142; Man.
 Conch. 1, ix. 76.
zelebori, Frauenfeld. Man. N.Z. Moll. 69; Man. Conch. 1,
 ix. 78; *S. reevei*, Clessin, Mart. and Chemn. 63.

Aclia, Lovén, 1846.

- hyalina*, Hutton. P.L.S.N.S.W. 1, ix. 935; Man. Conch. 1,
 ix. 90.

Family JANTHINIDÆ.

Janthina, Lamarck, 1799.

- fragilis*, Lamarck. Reeve, Icon. sp. 6; Man. Conch. 1, ix. 36.
var. planospirata, Adams and Reeve; Man. Conch. 1, ix.
 36; *Z. balteata*, Reeve, Conch. Icon. sp. 11.
globosa, Swainson. Man. Conch. 1, ix. 37.
exigua, Lamarck. P. Roy. S. Vict. n.s. xiii. 140; Man.
 Conch. 1, ix. 37.

Order ASPIDOBANCHIA.

Sub-order RHIPIDOGLOSSA.

Family HYDROCENIDÆ.

Hydrocena, Parreys, 1843.

- purchasi*, Pfeiffer. P.L.S.N.S.W. 2, vii. 623; Man.N.Z.
 Moll. 40.

Family NERITIDÆ.

- Nerita**, (Linnæus, 1758), Lamarck, 1799.
nigra, Gray. Dieffenb. N.Z. ii. 240; *N. melanotragus*, E. A. Smith; *N. saturata*, Hutton, P.L.S.N.S.W. 2, ii. 993; Man. Conch. 1, x. 26.
undata, Linnæus. Man. Conch. 1, x. 28.

Family TURBONIDIDÆ.

- Turbo**, Linnæus, 1758.
helicinus, Born. *I. smaragdus*, Martyn. P.L.S.N.S.W. 1, ix. 355; Man. Conch. 1, x. 217.
var. tricostata, Hutton. P.L.S.N.S.W. 1, ix. 355.
granosus, Martyn. P.L.S.N.S.W. 1, ix. 355; Man. Conch. 1, x. 213.
Leptothyra, (Cpr.) Dall, 1871.
fluctuata, Hutton. T.N.Z.I. xvi. 215; Man. Conch. 1, x. 259.
Phasianella, Lamarck, 1804.
limbata, Hutton. Man. Conch. 1, ix. 355.
huttoni, Pilsbry. Man. Conch. 1, x. 174.
Astralium, Link, 1807.
sulcatum, Martyn. P.L.S.N.S.W. 1, ix. 356; Man. Conch. 1, x. 242.
var. davisii, Stowe. T.N.Z.I. iv. 218.
heliotropium, Martyn. P.L.S.N.S.W. 1, ix. 356; Man. Conch. 1, x. 192.
 ? *shandi*, Hutton. Man. N.Z. Moll. 91; Man. Conch. 1, x. 212.

Family TROCHIDÆ.

- Trochus**, Linnæus, 1758.
tiaratus, Quoy and Gaimard. P.Mal.S. ii. 260; Man. Conch. 1, xi. 42.
chathamensis, Hutton. P.Mal.S. ii. 260; Man. Conch. 1, xi. 43.
oppressus, Hutton. P.Mal.S. ii. 261; Man. Conch. 1, xi. 232.
var. dunedinensis, Suter. P.Mal.S. ii. 261.
viridis, Gmelin. P.Mal.S. ii. 261; Man. Conch. 1, xi. 43.
ringens, Menke. P.Mal.S. ii. 262; Man. Conch. 1, xi. 81.
Monodonta, Lamarck, 1801.
æthiops, Gmelin. P.Mal.S. ii. 262; Man. Conch. 1, xi. 98.
nigerrima, Gmelin. P.Mal.S. ii. 264; *M. porcifera*, Suter, l.c. *non* Adams, *nec* Watson. Man. Conch. 1, xi. 97.
morio, Troschel. P.Mal.S. ii. 263; *M. porcifer*, Watson, *non* Adams. Man. Conch. 1, xi. 102, 105.
atrovirens, Philippi. P.Mal.S. ii. 263; Man. Conch. 1, xi. 110.

- Monodonta coracina**, Troschel. P.Mal.S. ii. 264; *M. nigerima*, Hutton, non Gmelin; *M. porcifera*, A. Adams, non Watson. Man. Conch. 1, xi. 103.
- lugubris**, Gmelin. P.Mal.S. ii. 265; Man. Conch. 1, xi. 100.
- subrostrata**, Gray. P.Mal.S. ii. 266; Man. Conch. 1, xi. 101.
- corrosa**, A. Adams. P.Mal.S. ii. 266; Man. Conch. 1, xi. 104; *M. melanoloma*, auct. non Menke.
- var. undulosa*, A. Adams. P.Mal.S. ii. 267; Man. Conch. 1, xi. 105.
- var. plumbea*, Hutton. P.Mal.S. ii. 267; Man. Conch. 1, xi. 105.
- excavata**, Adams and Angas. P.Mal.S. ii. 265; Man. Conch. 1, xi. 109.
- crinita**, Philippi. P.Mal.S. ii. 267; Man. Conch. 1, xi. 111.
- Cantharidus**, Montfort, 1810.
- purpuratus**, Martyn. P.Mal.S. ii. 270; Man. Conch. 1, xi. 125.
- var. texturata*, Gould. P.Mal.S. ii. 270; Man. Conch. 1, xi. 125.
- iris**, Gmelin. P.Mal.S. ii. 268; Man. Conch. 1, xi. 122.
- sanguineus**, Gray. P.Mal.S. ii. 271; Man. Conch. 1, xi. 131.
- var. cælata*, Hutton. P.Mal.S. ii. 272; Man. Conch. 1, xi. 131.
- var. elongata*, Suter. P.Mal.S. ii. 272.
- pruinius**, Gould. P.Mal.S. ii. 268; Man. Conch. 1, xi. 122.
- var. perobtusa*, Pilsbry. P.Mal.S. ii. 269; Man. Conch. 1, xi. 123.
- tenebrosus**, A. Adams. P.Mal.S. ii. 269; Man. Conch. 1, xi. 123.
- var. huttoni*, E. A. Smith. P.Mal.S. ii. 269; Man. Conch. 1, xi. 123.
- rufozonas**, A. Adams. P.Mal.S. ii. 273; Man. Conch. 1, xi. 150.
- dilatatus**, Sowerby. P.Mal.S. ii. 272; Man. Conch. 1, xi. 148.
- pupillus**, Hutton. P.Mal.S. ii. 270; Man. Conch. 1, xi. 130.
- fasciatus**, Menke. P.Mal.S. ii. 274; Man. Conch. 1, xi. 139.
- picturatus**, H. and A. Adams. P.Mal.S. ii. 274; Man. Conch. 1, xi. 140.
- conicus**, Gray. P.Mal.S. ii. 275; Man. Conch. 1, xi. 275.
- Gibbula**, Risso, 1826.
- antipoda**, Hombron and Jacquinot. P.Mal.S. ii. 277; Man. Conch. 1, xi. 217.
- nitida**, Adams and Angas. P.Mal.S. ii. 277; Man. Conch. 1, xi. 217.
- fulminata**, Hutton. P.Mal.S. ii. 276; Man. Conch. 1, xi. 216.
- rosea**, Hutton. P.Mal.S. ii. 276; Man. Conch. 1, xi. 216.
- scamnata**, Fischer. P.Mal.S. ii. 278; Man. Conch. 1, xi. 220.

- Gibbula tasmanica**, Petterd. P.Mal.S. ii. 276; Man. Conch. 1, xi. 236.
suteri, E. A. Smith. P.Mal.S. ii. 278.
micans, Suter. P.Mal.S. ii. 279.
- Fossarina**, Adams and Angas, 1863.
rimata, Hutton. P.L.S.N.S.W. 1, ix. 369 (*Minos*).
- Monilea**, Swainson, 1840.
egena, Gould. P.Mal.S. ii. 279; Man. Conch. 1, xi. 253.
- Calliostoma**, Swainson, 1840.
tigris, Martyn. P.Mal.S. ii. 280; Man. Conch. 1, xi. 333.
punctulatum, Martyn. P.Mal.S. ii. 280; Man. Conch. 1, xi. 334.
selectum, Chemnitz. P.Mal.S. ii. 281; Man. Conch. 1, xi. 335.
pellucidum, Valenciennes. P.Mal.S. ii. 281; Man. Conch. 1, xi. 334.
spectabile, A. Adams. P.Mal.S. ii. 280; Man. Conch. 1, xi. 332.
- Euchelus**, Philippi, 1847.
bellus, Hutton. P.Mal.S. ii. 282; Man. Conch. 1, xi. 435.
var. iricolor, T. W. Kirk. P.Mal.S. ii. 282; Man. Conch. 1, xi. 436.
hamiltoni, T. W. Kirk. P.Mal.S. ii. 282; Man. Conch. 1, xi. 436.
- Ethalia**, A. Adams, 1853.
zelandica, Hombron and Jacquinot. P.Mal.S. ii. 283; Man. Conch. 1, xi. 459.

Family CYCLOSTREMATIDÆ.

- Cirsonella**, Angas, 1877.
neozealanica, Murdoch. P.Mal.S. iii. 320.

Family PLEUROTOMARIIDÆ.

- Scissurella**, d'Orbigny, 1823.
mantelli, Woodward. P.Z.S. 1859, 202; Man. Conch. 1, xii. 54.
lytteltonensis, E. A. Smith. P.Mal.S. i. 57.

Family HALIOTIDÆ.

- Haliotis**, Linnaeus, 1758.
iris, Martyn. P.L.S.N.S.W. 1, ix. 369; Man. Conch. 1, xii. 110.
rugoso-plicata, Chemnitz. P.L.S.N.S.W. 1, ix. 369; Man. Conch. 1, xii. 110.
virginea, Chemnitz. P.L.S.N.S.W. 1, ix. 370; *H. gibba*, Hutton, *non* Philippi, Man. Conch. 1, xii. 107.
var. huttoni, Filhol. Mission Ile Campbell, 527; Man. Conch. 1, xii. 108.

Family FISSURELLIDÆ.

- Fissurella**, Bruguière, 1791.
squamosa, Hutton. Man. N.Z. Moll. 105.
- Megatebennus**, Pilsbry, 1890.
moniliferus, Hutton. Man. N.Z. Moll. 106; Man. Conch. 1, xii. 227.
- Emarginula**, Lamarck, 1801.
striatula, Quoy and Gaimard. Cat. Tert. Moll. B.M. i. 288; Man. Conch. 1, xii. 259.
- Subemarginula**, Blainville, 1825.
rugosa, Quoy and Gaimard, Voy. Astrol. iii. 331; Man. Conch. 1, xii. 278.
parmophoidea, Quoy and Gaimard. Cat. Tert. Moll. B.M. i. 290; Man. Conch. 1, xii. 285.
intermedia, Reeve. P.L.S.N.S.W. 1, ix. 371; Man. Conch. 1, xii. 285.
- Scutum**, Montfort, 1810.
ambiguum, Chemnitz. Man. Conch. 1, xii. 289.

Sub-order DOCOGLOSSA.

Family PATELLIDÆ.

- Patella**, Linnæus, 1758.
tramoserica, Martyn. P.L.S.N.S.W. 1, ix. 377; Man. Conch. 1, xiii. 142.
denticulata, Martyn. Man. Conch. 1, xiii. 138.
stellifera, Gmelin. P.L.S.N.S.W. 1, ix. 378; Man. Conch. 1, xiii. 141.
radians, Gmelin. P.L.S.N.S.W. 1, ix. 376; Man. Conch. 1, xiii. 139; Newell, T.N.Z.I. xix. 157; *P. argyropsis*, Lesson; *P. radiatilis*, Hombron and Jacquinot; *P. decora*, Philippi; *P. saggitata*, Donovan.
var. pholidota, Lesson. Man. N.Z. Moll. 108; Man. Conch. 1, xiii. 140.
var. argentea, Quoy and Gaimard. Voy. Astrol. iii. 345.
var. earlii, Reeve. P.L.S.N.S.W. 1, ix. 376.
var. flava, Hutton. P.L.S.N.S.W. 1, ix. 378; Man. Conch. 1, xiii. 142.
var. olivacea, Hutton. T.N.Z.I. xv. 133; Man. Conch. 1, xiii. 141.
ornata, Dillwyn. Man. Conch. 1, xiii. 137.
var. inconspicua, Gray. Man. N.Z. Moll. 107; Man. Conch. 1, xiii. 138.
strigilis, Hombron and Jacquinot. P.L.S.N.S.W. 1, ix. 375; Man. Conch. 1, xiii. 137.
var. redimiculum, Reeve. P.L.S.N.S.W. 1, ix. 375; Man. Conch. 1, xiii. 136.

- Patella floccata**, Reeve. Conch. Icon. sp. 106.
illuminata, Gould. P.L.S.N.S.W. 1, ix. 376; Man. Conch. 1, xiii. 142.
kermadecensis, Pilsbry. Nautilus, vii. 106; P. Acad. N.S. Philad. 1894, 208: *P. pilsbryi*, Brazier.

Family ACMEIDÆ.

- Acmæa**, Eschscholtz, (1828) 1830.
fragilis, Chemnitz, P.L.S.N.S.W. 1, ix. 374; Man. Conch. 1, xiii. 59.
pileopsis, Quoy and Gaimard. P.L.S.N.S.W. 1, ix. 373; Man. Conch. 1, xiii. 57.
septiformis, Quoy and Gaimard, Voy. Astrol. iii. 362; Man. Conch. 1, xiii. 55; *A. scabrilirata*, Angas; *A. petterdi*, T. Woods.
lacunosa, Reeve. Conch. Icon. Patella, sp. 120; *A. rubiginosa*, Hutton.
cantharus, Reeve. Conch. Icon. Patella, sp. 131; Man. Conch. 1, xiii. 55.
octoradiata, Hutton. Cat. M.M.N. Zeal. 44; *A. perplexa* Pils. xiii. 50.
corticata, Hutton. P.L.S.N.S.W. 1, ix. 372; *A. lacunosa*, Pilsbry, *non* Reeve.
flammea, Hutton, *non* Quoy and Gaimard. T.N.Z.I. xv. 128.
cingulata, Hutton. P.L.S.N.S.W. 1, ix. 372; Man. Conch. 1, xiii. 53.
conoidea, Hutton, *non* Quoy and Gaimard. T.N.Z.I. xv. 127.
chathamensis, Pilsbry. Man. Conch. 1, xiii. 56.
helmsi, E. A. Smith. P. Mal. S. i. 58.
 ? **campbelli**, Filhol. Mission Ile Campbell, 530.

CLASS, SCAPHOPODA.

Family DENTALIIDÆ.

- Dentalium**, Linnæus, 1758.
nanum, Hutton. Cat. Tert. M.N. Zeal. 1; Man. Conch. 1, xvii. 9.
opacum, Sowerby. Man. Conch. 1, xvii. 70.
zelandicum, Sowerby. Thes. Conch. iii. 101; Man. Conch. 1, xvii. 70; *D. pacificum*, Hutton.
huttoni, T. W. Kirk. T.N.Z.I. xii. 306; Man. Conch. 1, xvii. 71.
ecostatium, T. W. Kirk. T.N.Z.I. xii. 306; Man. Conch. 1, xvii. 102.
diarrhox, Watson. Challenger Reports, xv. iv.; Man. Conch. 1, xvii. 109.

- Cadulus**, Philippi, 1844.
colubridens, Watson. Challenger Reports, xv. 18; Man.
 Conch. 1, xvii. 184.

CLASS, AMPHINEURA.

Order PLACOPHORA.

Family CHITONIDÆ.

- Chiton**, Linnæus, 1758.
pellisserpentis, Quoy and Gaimard. P.Mal.S. ii. 195; Man.
 Conch. 1, xiv. 173.
canaliculatus, Quoy and Gaimard. P.Mal.S. ii. 196; Man.
 Conch. 1, xiv. 177.
quoyi, Deshayes. P.Mal.S. ii. 194; Man. Conch. 1, xiv. 172.
sinclairi, Gray. P.Mal.S. ii. 196; Man. Conch. 1, xiv. 174.
æreus, Reeve. Conch. Icon. sp. 36; Man. Conch. 1, xiv. 179.
stangeri, Reeve. P.Mal.S. ii. 196.
limans, Sykes. P.Mal.S. ii. 197; Man. Conch. i. xiv. 175.
Eudoxochiton, Shuttleworth, 1853.
nobilis, Gray. P.Mal.S. ii. 197; Man. Conch. 1, xiv. 193.
huttoni, Pilsbry. Man. Conch. 1, xiv. 194.
Acanthopleura, Guilding, 1835.
granulata, Gmelin. Man. Conch. 1, xiv. 227; *A. corticata*,
 Hutton, P.Mal.S. ii. 198.
Onithochiton, Gray, 1847.
undulatus, Quoy and Gaimard. P.Mal.S. ii. 199; Man.
 Conch. 1, xiv. 245.
semisculptus, Pilsbry. Man. Conch. 1, xiv. 247.

Family ACANTHOCHITIDÆ.

- Spongiochiton**, Carpenter, 1873.
productus, (Cpr.) Pilsbry. Man. Conch. 1, xiv. 26.
Acanthochites, Risso, 1826.
porosus, Burrow. P.Mal.S. ii. 193; Man. Conch. 1, xv. 36.
zelandicus, Quoy and Gaimard. P.Mal.S. ii. 192; Man.
 Conch. 1, xv. 16.
violaceus, Quoy and Gaimard. P.Mal.S. ii. 193; Man.
 Conch. 1, xv. 39.
rubiginosus, Hutton. Man. N.Z. Moll. 114; Man. Conch.
 1 xv. 107; *A. costatus*, Suter, non Ad. and Ang., P.Mal.S.
 ii. 194.

Family MOPALIIDÆ.

- Plaxiphora**, Gray, 1847.
biramosa, Quoy and Gaimard. P.Mal.S. ii. 188; Man.
 Conch. 1, xiv. 319.

- Plaxiphora superba**, (Cpr.) Pilsbry. P.Mal.S. ii. 188; Man. Conch. 1, xiv. 319.
cæolata, Reeve. P.Mal.S. ii. 189; Man. Conch. 1, xiv. 328.
suteri, Pilsbry. Nautilus, viii. 8; P.Mal.S. ii. 190.
subatrata (Pilsbry), Suter. P.Mal.S. ii. 190.
obtecta, (Cpr.) Pilsbry. Man. Conch. 1, xiv. 330; P.Mal.S. ii. 192.
ovata, Hutton. P.Mal.S. ii. 192; Man. Conch. 1, xiv. 332.

Family ISCHNOCHITONIDÆ.

- Callochiton**, Gray, 1847.
platessa, Gould. P.Mal.S. ii. 184; Man. Conch. 1, xiv. 49.
illuminatus, Reeve. P.Mal.S. ii. 185; Man. Conch. 1, xiv. 51.
empleurus, Hutton. Man. N.Z. Moll. 113; P.Mal.S. ii. 185.
Ischnochiton, Gray, 1847.
longicymba, Quoy and Gaimard. P.Mal.S. ii. 186; Man. Conch. 1, xiv. 87.
parkeri, Suter. P.Mal.S. ii. 186.

Family LEPIDOPLEURIDÆ.

- Lepidopleurus**, Risso, 1826.
inguinatus, Reeve. P.Mal.S. ii. 184; Man. Conch. 1, xiv. 90; *L. liratus*, Adams and Angas.

CLASS, PELECYPODA.

Order SEPTIBRANCHIA.

Family CUSPIDARIIDÆ.

- Cuspidaria**, Nardo, 1840.
trailli, Hutton. Man. N.Z. Moll. 137.

Order EULAMELLIBRANCHIA.

Sub-order SINUPALLIATA.

Family PERIPLOMIDÆ.

- Cochlodesma**, Couthouy, 1839.
angasi, Crosse and Fischer. Journ. de Conch. xii. 349; xiii. 427; *Anatina tasmanica*, Hutton, *non* Reeve.

Family THRACIIDÆ.

- Thracia**, Blainville, 1824.
vitrea, Hutton. Plioc. M.N.Z. 75.

Family CHAMOSTREIDÆ.

- Chamostrea**, F. de Roissy, 1825.
albida, Lamarck. Man. N.Z. Moll. 138; Fischer, Man. de Conch. pl. xxiii. fig. 14; *Cheidotherus chamoides*, Sowerby.

Family MYOCHAMIDÆ.

Myodora, Gray, 1840.

striata, Quoy and Gaimard, Voy. Astrol. iii. 537; P.L.S.N.S.W. 1, ix. 514.

rotundata, Sowerby. P.Z.S. 1875, 129; P.L.S.N.S.W. 1, ix. 515.

brevis, Sowerby. P.L.S.N.S.W. 1, ix. 515.

pandoriformis, Stutchbury. P.L.S.N.S.W. 1, ix. 515.

crassa, Stutchbury. P.L.S.N.S.W. 1, ix. 516.

novæ-zealandiæ, E. A. Smith. P.Z.S. 1880, 584; P.L.S.N.S.W. 1, ix. 516.

subrostrata, E. A. Smith. P.Z.S. 1880, 584; P.L.S.N.S.W. 1, ix. 516.

antipodum, E. A. Smith. P.Z.S. 1880, 585; P.L.S.N.S.W. 1, ix. 516.

boltoni, E. A. Smith. P.Z.S. 585; P.L.S.N.S.W. 1, ix. 517.

Family TEREDINIDÆ.

Nausitora, Wright, 1864.

antarctica, Hutton. Man. N.Z. Moll. 133; P.L.S.N.S.W. 2, ix. pl. xxxii. figs. 6, 7.

Family PHOLADIDÆ.

Barnea, Leach, 1826.

similis, Gray. Man. N.Z. Moll. 132; P.L.S.N.S.W. 1, ix. 512.

Pholadidea, Goodall, 1819.

tridens, Gray. Man. N.Z. Moll. 133; P.L.S.N.S.W. 1, ix. 512.

Family SAXICAVIDÆ.

Panopea, M. de la Groye, 1807.

zealandica, Quoy and Gaimard, Voy. Astrol. iii. 547; P.L.S.N.S.W. 1, ix. 513.

Saxicava, F. de Belluvue, 1802.

arctica, Linnæus. Man. N.Z. Moll. 134; *S. australis*, Lamarck, Challenger Reports, xiii. 78.

Family CORBULIDÆ.

Corbula (Bruguère), Lamarck, 1797.

zealandica, Quoy and Gaimard, Voy. Astrol. iii. 511; Man. N.Z. Moll. 135.

erythrodon, Lamarck. Man. N.Z. Moll. 135; P.L.S.N.S.W. 1, ix. 513.

haastiana, Hutton. Man. N.Z. Moll. 135.

Family PSAMMOBIIDÆ.

Psammobia, Lamarck, 1818.

stangeri, Gray. Man. N.Z. Moll. 141.

- Psammobia lineolata**, Gray. Man. N.Z. Moll. 142.
zealandica, Deshayes. Man. N.Z. Moll. 142.
affinis, Reeve. Man. N.Z. Moll. 142.

- Solenotellina**, Blainville, 1824.
nitida, Gray. Man. N.Z. Moll. 142.
radiata, Deshayes. Man. N.Z. Moll. 145 (*Capsella*).
siliqua, Reeve. Man. N.Z. Moll. 142.
incerta, Reeve. Man. N.Z. Moll. 143; *S. nitens*, Tryon.

Family CARDIIDÆ.

- Cardium**, Linnæus, 1758.
pulchellum, Gray (*non* Reeve). Man. N.Z. Moll. 153;
C. striatulum, Sowerby, *non* Brocchi.

Family VENERIDÆ.

- Meretrix**, Lamarck, 1799.
multistriata, Sowerby. Man. N.Z. Moll. 149; Challenger
 Reports, xiii. pl. i. fig. 5.

- Dosinia**, Scopoli, 1777.
subrosea, Gray. Man. N.Z. Moll. 150; Ereb. and Terr.
 pl. iii. fig. 2.
australis, Gray. Man. N.Z. Moll. 150; Reeve, Conch.
 Icon. sp. 10.
lambata, Gould. Man. N.Z. Moll. 150; *D. carpenteri*,
 Roemer; *Cyclina kroyeri*, Philippi.
grayi, Zittel. Man. N.Z. Moll. 151.

- Chione**, M. von Muehlfeldt, 1811.
oblonga, Hanley. Man. N.Z. Moll. 147; Ereb. and Terr.
 pl. ii. fig. 1.
stutchburyi, Gray. Man. N.Z. Moll. 148; Ereb. and Terr.
 pl. iii. fig. 4.
costata, Quoy and Gaimard. Man. N.Z. Moll. 148; Voy.
 Astrol. pl. lxxxiv. figs. 1, 2.
crassa, Quoy and Gaimard. Man. N.Z. Moll. 148; Voy.
 Astrol. pl. lxxxiv. figs. 7, 8; *C. denticulata*, *C. mesodesma*,
 Quoy and Gaimard.
crebra, Hutton. Man. N.Z. Moll. 147.

- Anaitis**, Roemer, 1857.
disjecta, Perry = *lamellata*, Lamarck. Man. N.Z. Moll. 147.
yatei, Gray. Man. N.Z. Moll. 147; Ereb. and Terr. pl. iii.
 fig. 11.

- Tapes**, M. von Muehlfeldt, 1811.
intermedia, Quoy and Gaimard. Man. N.Z. Moll. 151;
 Voy. Astrol. pl. lxxxiv. figs. 9, 10.

Venerupis, Lamarck, 1818.

- reflexa*, Gray. Man. N.Z. Moll. 152; Ereb. and Terr. pl. ii. fig. 3; *V. paupercula*, Deshayes.
siliqua, Deshayes. Man. N.Z. Moll. 152; P.Z.S. 1853, pl. xviii. fig. 1.
elegans, Deshayes. Man. N.Z. Moll. 152; Ereb. and Terr. pl. ii. fig. 6.
insignis, Deshayes. Man. N.Z. Moll. 152; P.Z.S. 1853, pl. xviii. fig. 4.

Family MACTRIDÆ.

Mactra (Linnæus, 1758), Lamarck.

- discors*, Gray. Man. N.Z. Moll. 138; Ereb. and Terr. pl. ii. fig. 4; *M. murchisoni*, Deshayes.
æquilatera, Deshayes. Man. N.Z. Moll. 139; Ereb. and Terr. pl. ii. fig. 10.
scalpellum, Deshayes. Man. N.Z. Moll. 138; T.N.Z.I. xxxii. pl. xx. fig. 10.
lavata, Hutton. Plioc. Moll. N.Z. 76, pl. viii. fig. 81.
ordinaria, E. A. Smith. P.Mal.S. iii. 23.

Standella, Gray, 1852.

- elongata*, Quoy and Gaimard. Man. N.Z. Moll. 139; Voy. Astrol. pl. lxxxiii. figs. 1, 2; *S. notata*, Hutton.
ovata, Gray. Man. N.Z. Moll. 139; Ereb. and Terr. pl. ii. fig. 2.
rudis, Hutton. Plioc. Moll. N.Z. 77, pl. viii. fig. 83.

Resania, Gray, 1852. *Vanganella*, Gray (1851), 1853.

- lanceolata*, Gray. Man. N.Z. Moll. 140; Ereb. and Terr. pl. ii. fig. 5; *V. taylori*, Gray.

Zenatia, Gray, 1852.

- acinaces*, Quoy and Gaimard. Man. N.Z. Moll. 140; Voy. Astrol. pl. lxxxiii. figs. 5, 6; *Z. deshayesi*, Reeve.

Raëta, Gray, 1852.

- perspicua*, Hutton. Man. N.Z. Moll. 141.

Cyamiomactra, Bernard, 1898.

- problematica*, Bernard. Bull. Mus. Paris, iii. 311.

Perrierina, Bernard, 1898.

- taxodonta*, Bernard. Bull. Mus. Paris, iii. 312.

Family MESODESMATIDÆ.

Mesodesma, Deshayes, 1831.

- novæ-zealandiæ*, Chemnitz. Man. N.Z. Moll. 145; Voy. Astrol. pl. lxxxvii. figs. 9-11; *M. ovalis*, Deshayes.
ventricosa, Gray. Man. N.Z. Moll. 145; Ereb. and Terr. pl. iii. fig. 6.

Atactodea, Dall, 1895.

subtriangulata, Gray. Man. N.Z. Moll. 146; Griffith's Cuvier Anim. Kingd. xii. pl. xxii. fig. 4; *Mesodesma spissa*, Reeve, Conch. Icon. sp. 18.

Family TELLINIDÆ.

Tellina (Linnæus, 1758), Lamarck.

alba, Quoy and Gaimard. Man. N.Z. Moll. 143; Voy. Astrol. pl. lxxxii. figs. 1-3.

lactea, Quoy and Gaimard. Voy. Astrol. iii. 501; pl. lxxxii. figs. 14-16; *T. deltoidalis*, Hutton, *non* Lamarck.

ticaonica, Deshayes. Man. N.Z. Moll. 144; Reeve, Conch. Icon. sp. 304.

disculus, Deshayes. Man. N.Z. Moll. 143; Reeve, Conch. Icon. sp. 306.

strangei, Deshayes. Man. N.Z. Moll. 144; *T. subovata*, Sowerby; *T. lintea*, *T. retiararia*, Hutton.

glabella, Deshayes. Man. N.Z. Moll. 144; Ereb. and Terr. pl. ii. fig. 7.

charlottæ, E. A. Smith. Challenger Reports, xiii. 100; pl. iv. fig. 1.

huttoni, E. A. Smith. Challenger Reports, xiii. 101; pl. iv. fig. 2.

Macoma, Leach, 1819.

suteri, E. A. Smith. P. Mal. S. iii. 23.

Sub-order INTEGRIPALLIATA.

Family SPHERIIDÆ.

Pisidium, C. Pfeiffer, 1821.

novæ-zealandiæ, Prime. P. L. S. N. S. W. 2, vii. 664; *P. lenticulata*, Dunker.

Sphærium, Scopoli, 1777.

novæ-zealandiæ, Deshayes. P. L. S. N. S. W. 2, vii. 664.

Family UNIONIDÆ.

Diplodon, Spix, 1827.

menziesi, Gray. P. L. S. N. S. W. 2, vii. 662; Simpson, Pro. U. S. Nat. Mus. xxii. 889; *D. aucklandicus*, Gray.

var. waikarensis, Colenso. P. L. S. N. S. W. 2, vii. 663.

var. hochstetteri, Dunker. P. L. S. N. S. W. 2, vii. 663.

var. rugata, Hutton. P. L. S. N. S. W. 2, vii. 663.

var. depauperata, Hutton, P. L. S. N. S. W. 2, vii. 663.

lutulentus, Gould. P. L. S. N. S. W. 2, vii. 663.

zelebori, Dunker, P. L. S. N. S. W. 2, vii. 662.

Family LEPTONIDÆ.

Kellya, Turton, 1822.

cycladiformis, Deshayes. Man. N.Z. Moll. 157.

citrina, Hutton. T. N. Z. I. xvi. 215.

- Neolepton**, Monterosato, 1875.
antipodum, Filhol. Mission Ile Campbell, 543.
sanguineum, Hutton. T.N.Z.I. xvi. 215.
- Lasea**, Leach, 1827.
miliaris, Philippi. Wiegman's Archiv. f. Naturgeschichte,
 1845, 51.
- Mylitta**, d'Orbigny and Récluz, 1850.
stowei, Hutton. Man. N.Z. Moll. 157; A.M.N.H. 6, viii.
 pl. xiii.
- Pachykellya**, Bernard, 1898.
edwardsi, Bernard. Bull. Mus. Paris, iii. 310.

Family KELLVELLIDÆ.

- Cyamium**, Philippi, 1845.
oblongum, E. A. Smith. P.Mal.S. iii. 24.

Family DIPLODONTIDÆ.

- Diplodonta**, Bronn, 1831.
zelandica, Gray. Man. N.Z. Moll. 156; Ereb. and Terr.
 pl. iii. fig. 8.
globularis, Lamarck. Man. N.Z. Moll. 156.
striata, Hutton. Man. N.Z. Moll. 156.

Family LUCINIDÆ.

- Divaricella**, v. Martens, 1880.
cumingi, Adams and Angas. P.Z.S. 1863, 426; pl. xxxvii.
 fig. 20.
var. huttoni, Vanatta. Proc. Acad. Nat. Sci. Philadelphia,
 1901, 184; pl. v. figs. 14, 15.

Family CRASSATELLITIDÆ.

- Crassatellites**, Krueger, 1823.
obesa, Adams. P.Z.S. 1852, 90; pl. xvi. fig. 2.
bellula, Adams. P.Z.S., 1852, 95; *Gouldia isabella*, Hutton.

Family CONDYLOCARDIDÆ.

- Condylocardia**, Bernard, 1897.
crassicosta, Bernard. Jour. de Conch. xlv. 175; pl. vi.
 fig. 1.
concentrica, Bernard. Journ. de Conch. xlv. 176; pl. vi.
 fig. 2.

Family CARDITIDÆ.

- Cardita**, Lamarck, 1799.
aviculina, Lamarck. *C. excavata*, Deshayes; *C. tasmanica*,
 J. Woods: Man. N.Z. Moll. 160.

Venericardia, Lamarck, 1801.

australis, Lamarck. Man. N.Z. Moll. 158; Voy. Astrol. pl. lxxviii. figs. 11-14.

difficilis, Deshayes. Man. N.Z. Moll. 159; P.Z.S. 1852, pl. xvii. figs. 16-17.

compressa, Reeve. P.L.S.N.S.W. 1, ix. 257.

Order PSEUDO-LAMELLIBRANCHIA.

Family SPONDYLIDÆ.

Spondylus, Linnæus, 1758.

ostreoides, E. A. Smith, Challenger Reports, xiii. 326.

Family LIMIDÆ.

Lima (Bruguière), Cuvier, 1798.

lima, Linnæus = *zealandica*, Sowerby. P.L.S.N.S.W. 1, ix. 531.

angulata, Sowerby. Man. N.Z. Moll. 172.

bullata, Born. P.L.S.N.S.W. 1, ix. 531.

Family PECTINIDÆ.

Pecten, Mueller, 1776.

medius, Lamarck = *laticostatus*, Gray. Man. N.Z. Moll. 171.

asperimus, Lamarck. P.L.S.N.S.W. 1, ix. 531.

zelandiæ, Gray. P.L.S.N.S.W. 1, ix. 531.

var. gemmulata, Reeve. Conch. Icon. sp. 111.

radiatus, Hutton. Man. N.Z. Moll. 171.

convexus, Quoy and Gaimard. P.L.S.N.S.W. 1, ix. 532.

kermadecensis, E. A. Smith. Challenger Reports, xiii. 302; pl. xxi. fig. 7.

Family OSTREIDÆ.

Ostrea, Linnæus, 1758.

angasi, Sowerby. Reeve, Conch. Icon. sp. 28; P.L.S.N.S.W. 1, ix. 533; *O. edulis*, auct., non Linnæus.

purpurea, Hanley. P.Z.S. 1867, 934.

glomerata, Gould. P.L.S.N.S.W. 1, ix. 533; *O. cucullata*, Angas; *O. mordax*, T.-Woods.

reniformis, Sowerby. Reeve, Conch. Icon. sp. 57.

Family PTERIIDÆ.

Philobrya, P. Carpenter, 1872.

meleagrina, Bernard. Journ. de Conch. xlv. 12; pl. i. fig. 3.

costata, Bernard. Journ. de Conch. xlv. 15; pl. i. fig. 5.

filholi, Bernard. Journ. de Conch. xlv. 16; pl. i. fig. 6.

Hochstetteria, M. Chalmas and Vélain, 1876.

trapezina, Bernard. Journ. de Conch. xlv. 18; pl. 1, fig. 7.

Family PINNIDÆ.

Pinna (Linnæus), Lamarck, 1799.

zelandica, Gray. Man. N.Z. Moll. 169; Ereb. and Terr.
pl. iii. fig. 7.

Order FILIBRANCHIA.

Family MYTILIDÆ.

Mytilus (Linnæus, 1758), Bolten, 1798.

edulis, Linnæus. Man. N.Z. Moll. 167; *M. latus*, Lamarck,
non Chemnitz; *M. chorus*, Hutton, *non* Molina.

latus, Chemnitz. P.L.S.N.S.W. 1, 529.

magellanicus, Chemnitz. P.L.S.N.S.W. ix. 529.

Volsella, Scopoli, 1777. *Modiolus*, Risso, 1799.

australis, Gray. P.L.S.N.S.W. 1, ix. 530.

ater, Frauenfeld. P.L.S.N.S.W. 1, ix. 530.

fluviatilis, Hutton. Man. N.Z. Moll, 168.

Modiolaria, Beck, 1840.

barbata, Reeve. Conch. Icon. *Lithodomus*, sp. 27; P.Z.S.
1867, 911; *Lith. lanigerus*, Reeve.

impacta, Herrmannsen. Man. N.Z. Moll. 168.

Adula, H. and A. Adams, 1857. *Myrina*, H. and A. Adams,
1857.

minuta, E. A. Smith. P.Mal.S. iii. 24.

Lithophago, Bolten, 1798. *Lithodomus*, Cuvier, 1817.

truncata, Gray. Man. N.Z. Moll. 168; Ereb. and Terr.
pl. ii. fig. 12.

Family MODIOLARCIDÆ.

Modiolarca, Gray, 1847.

pusilla, Gould. U.S. Expl. Exp. xii. 455.

trapezina, Lamarck. Anim. s. Vert. 2nd ed. vii. 24.

bicolor, E. A. Smith; P. Mal. S. iii. 25.

Family ARCIDÆ.

Barbatia, Gray, 1840.

decussata, Sowerby. Man. N.Z. Moll. 162.

reticulata, Chemnitz. Lamarck, Anim. s. Vert. 2nd ed. vi.
475; *A. domingensis*, Lamarck, etc.

Glycymeris, Da Costa, 1778. *Pectunculus*, Lamarck, 1799.

laticostata, Quoy and Gaimard. Man. N.Z. Moll. 163.

striatularis, Lamarck. Man. N.Z. Moll. 163.

Family LIMOPSIDÆ.

Limopsis, Sassi, 1827.

lata, E. A. Smith. Challenger Report, xiii. 257.

Family ANOMIIDÆ.

- Anomia**, (Linnæus, 1758) O. F. Mueller, 1775.
cytæum, Gray. Man. N.Z. Moll. 174.
alectus, Gray. Man. N.Z. Moll. 173.
stowei, Hutton. Man. N.Z. Moll. 173.
walteri, Hector. T.N.Z.I. xxvii. 292.

Placunanomia, Broderip, 1832.

- zelandica*, Gray. Man. N.Z. Moll. 174; Ereb. and Terr.
 pl. iii. fig. 10.
ione, Gray. Man. N.Z. Moll. 174.

Order PROTOBRANCHIATA.

Family NUCULIDÆ.

Nucula, Lamarck, 1799.

- nitidula*, A. Adams. Man. N.Z. Moll. 164.
strangei, A. Adams. Man. N.Z. Moll. 164; Ereb. and Terr.
 pl. ii. fig. 14.
lacunosa, Hutton. P.L.S.N.S.W. 1, ix. 528.
castanea, A. Adams. Man. N.Z. Moll. 164.

Family LEDIDÆ.

Leda, Schumacher, 1817.

- concinna*, A. Adams. Man. N.Z. Moll. 165.

Malletia, C. des Moulins, 1832. *Solenella*, Sowerby, 1832.

- australis*, Quoy and Gaimard. Man. N.Z. Moll. 166.

Family SOLENOMYACIDÆ.

Solenomya, Lamarck, 1818.

- parkinsoni*, E. A. Smith. Man. N.Z. Moll. 157; Ereb. and
 Terr. pl. iii. fig. 1.

PHYLUM, ARTHROPODA.

CLASS, INSECTA.

Order HYMENOPTERA.

Sub-order PETIOLATA.

Series TUBULIFERA.

Family ANTHOPHILA.

Leioproctus, Smith, 1853.

imitatus, Smith. Cat. Hymen. B.M. i. 9.

Lamprocolletes, Smith, 1853.

fulvescens, Smith. T.E.S. 1876, 486.

obscurus, Smith. Cat. Hymen. B.M. 11.

Dasycolletes, Smith, 1853.

hirticeps, Smith. T.E.S. 1878, 7.

vestitus, Smith. T.E.S. 1876, 485.

purpureus, Smith. Cat. Hymen. B.M. 15.

metallicus, Smith. Cat. Hymen. 15; *A. trichopus*, White,

Voy. Ereb. and Terr. Ins. pl. vii. fig. 12.

Halictus, Latreille, 1804.

sordidus, Smith. Cat. Hymen. B.M. 56.

familiaris, Smith. T.E.S. 1876, 486.

huttoni, Cameron. T.N.Z.I. xxxii. 17.

Prosopis, Fabricius, 1804.

agilis, Smith. T.E.S. 1876, 484.

regelatus, Smith. T.E.S. 1876, 485.

capitosus, Smith. T.E.S. 1876, 485.

lævigatus, Smith. Cat. Hymen. B.M. ii. 420.

sulcifrons, Cameron. Man. Mem. 1895, 51.

innocens, Cameron. Man. Mem. 1895, 52.

Series ACULEATA.

Family FORMICIDÆ.

Sub-family CAMPONOSTINÆ.

Lasius, Fabricius, 1804.

advena, Smith. T.E.S. 1862, 53; W. W. Smith, T.N.Z.I.

xxviii. 477.

zealandica, Smith. T.E.S. 1878, 6.

Sub-family PONERINÆ.

- Ponera**, Latreille, 1804.
castanea, Mayr. Reise Novara, Formicidæ, 69.
- Ectatomma**, Smith, 1858.
brounii, Forel. Mitt. Schw. Ent. Ges. 1892, 330.
- Discothyrea**, Rogers, 1863.
antarctica, Emery. T.N.Z.I. xxvii. 635.
- Amblypone**, Erichson, 1842.
cephalotes, Smith. T.E.S. 1876, 490.
saundersii, Forel. Mitt. Schw. Ent. Ges. 1892, 336.

Sub-family MYRMICINÆ.

- Orectognathus**, Smith, 1854.
antennatus, Smith. T.E.S. 2, ii. 228.
perplexus, Smith. T.E.S. 1876, 491.
- Strumigenys**, Smith, 1861.
antarctica, Forel. Mitt. Schw. Ent. Ges. 1892, 338.
- Huberia**, Forel, 1890.
striata, Smith. T.E.S. 1876, 481; T.N.Z.I. xxiv. 304;
 W. W. Smith, T.N.Z.I. xxviii. 470.
- Monomorium**, Mayr, 1855.
fulvum, Mayr. Reise Novara, Formicidæ, 93; W. W. Smith,
 T.N.Z.I. xxviii. 473.
nitidum, Smith. T.E.S. 1876, 480; W. W. Smith, T.N.Z.I.
 xxviii. 473.
suteri, Forel. Mitt. Schw. Ent. Ges. 1892, 340; W. W.
 Smith, T.N.Z.I. xxviii. 475.
smithii, Forel. Mitt. Schw. Ent. Ges. 1892, 342.
- Aphaenogaster**, Mayr, 1852.
antarcticus, Smith. Cat. Hymen. B.M. vi. 167.

Family POMPILIDÆ.

- Pseudagenia**, Kohl, 1884.
huttoni, Cameron. Man. Mem. 1898, 49.
- Salius**, Fabricius, 1804.
monachus, Smith. Cat. Hymen. B.M. iii. 164.
carbonarius, Smith. Cat. Hymen. B.M. iii. 162.
nitidiventris, Smith. T.E.S. 1878, 6.
marginatus, Smith. T.E.S. 1876, 483.
conformis, Smith. T.E.S. 1876, 482.
triangularis, Cameron. Man. Mem. 1898, 45.
diligens, Smith. T.E.S. 1876, 483.
wakefieldi, Kirby. T.E.S. 1881, 39.

- Salius fugax**, Fabricius. Syst. Ent. 350; *P. maculipennis*,
Smith, T.E.S. 1876, 482.
huttoni, Kirby. T.E.S. 1883, 199.
xenos, Kirby. T.E.S. 1883, 200.
brouni, Gribodo. Bull. Ent. Ital. xvi. 280.

Family SPHEGIDÆ.

- Rhopalum**, Stephens, 1829.
carbonarium, Smith. Cat. Hymen. B.M. iv. 424.
perforator, Smith. T.E.S. 1876, 483.
albipes, Smith. T.E.S. 1878, 7.
cora, Cameron. Man. Mem. 1888, 181.
Gorytes, Latreille, 1804.
carbonarius, Smith. Cat. Hymen. B.M. iv. 366.
trichiosoma, Cameron. Man. Mem. 1888, 180.
Tachytes, Panzer, 1806.
nigerrimus, Smith. Cat. Hymen. B.M. iv. 302; White, Voy.
Ereb. and Terr. Insects, pl. xii. fig. 14.
sericops, Smith. Cat. Hymen. B.M. iv. 302.
depressus, Saussure. Reise Novara, Hym. 69.
helmsi, Cameron. Man. Mem. 1888, 182.
Pison, Spinola, 1808.
pruinus, Cameron. Man. Mem. 1898, 44.
morosus, Smith. Cat. Hymen. B.M. iv. 315.
tuberculatus, Smith. T.E.S. 1869, 296.
dubius, Kirby. T.E.S. 1883, 201 (*Taranga*).

Sub-order PARASITICA.

Family PROCTOTRUPIDÆ.

Sub-family PROCTOTRUPINÆ.

- Proctotrupes**, Latreille, 1796.
maculipennis, Cameron. Man. Mem. 1888, 175.
intrudens, Smith. T.E.S. 1878, 5.

Sub-family BETYLINÆ.

- Betyla**, Cameron, 1889.
fulva, Cameron. Man. Mem. 1889, 13; Hudson, T.N.Z.I.
xxv. 169; *Tanyzonus bolitophilæ*, Marshall, Ent. Mon.
Mag. 1892.

Sub-family DIAPRINÆ.

- Diapria**, Latreille, 1804.
coccophaga, Maskell. T.N.Z.I. xi. 228.
Spilomicrus, Westwood, 1832.
quadriceps, Smith. T.E.S. 1878, 6.

Sub-family MYMARINÆ.

- Prosacantha**, Nees, 1834.
crimitaeri, Quail. T.N.Z.I. xxxiii. 153 (*Mymar*).

Sub-family BETHYLINÆ.

- Sierola**, Cameron, 1881.
antipoda, Asmead. P.L.S.N.S.W. 1900, 326; Fauna Ha-waiiensis, Hymen. 286.

Family CHALCIDIDÆ.

Sub-family TORYMINÆ.

- Torymus**, Dalman, 1820.
antipoda, Kirby. T.E.S. 1883, 202.

Sub-family EURYTOMINÆ.

- Eurytoma**, Rossi, 1807.
oleariæ, Maskell. T.N.Z.I. xxi. 255.
Aphobetus, Howard, 1896.
maskelli, Howard. Canadian Ent. xxviii. 166.

Sub-family APHELININÆ.

- Pteroptrix**, Westwood, 1833.
maskelli, Ashmead. P.L.S.N.S.W. 1900, 346.

Sub-family EUELMINÆ.

- Eupelmus**, Dalman, 1820.
messene, Walker. Mon. Chal. ii. 95; Kirby, T.E.S. 1881, 48.
Pteromalus, Swederus, 1795.
lelex, Walker. Mon. Chal. ii. 95; Kirby, T.E.S. 1881, 48.
iambe, Walker. Mon. Chal. ii. 95; Kirby, T.E.S. 1881, 49.

Family EVANIDÆ.

- Gasteruption**, Latreille, 1796.
pedunculatum, Schletterer. Ann. K.K. Nat. Wien, 1890, 467; *F. unguiculatus*, Smith. T.E.S. 1869, 480.

Family BRACONIDÆ.

Sub-family RHOGADINÆ.

- Doryctomorpha**, Ashmead, 1900.
antipoda, Ashmead. Ent. News, 1900, 630.
Rhogas, Nees, 1818.
penetrator, Smith. T.E.S. 1878, 5.

Sub-family METEORINÆ.

- Meteorus**, Haliday, 1835.
nova-zealandicus, Cameron. Man. Mem. 1898, 38.

Fhogra, Cameron, 1891.

rubromaculata, Cameron. T.N.Z.I. xxxiii. 105.

Sub-family CHELONINÆ.

Ascogaster, Wesmael, 1835.

crenulatus, Cameron. Man. Mem. 1898, 37.

Sub-family HELICONINÆ.

Schauinslandica, Ashmead, 1900.

femorata, Ashmead, Ent. News, 1900, 627.

alfkenii, Ashmead. Ent. News, 1900, 628.

pallidipes, Ashmead. Ent. News, 1900, 628.

Family OPINÆ.

Diachasma, Forster, 1862.

carpocapsæ, Ashmead. P.L.S.N.S.W. 1900, 357.

Sub-family ALYSINÆ.

Alysia, Latreille, 1804.

stramineipes, Cameron. Man. Mem. 1898, 37.

Asobara, Forster, 1862.

antipoda, Ashmead. Ent. News, 1900, 625.

Family ICHNEUMONIDÆ.

Sub-family ICHNEUMONINÆ.

Ichneumon, Linnæus, 1735.

pyrastis, Cameron. T.N.Z.I. xxxiii. 115.

frederici, Cameron. T.N.Z.I. xxxiii. 116.

richardi, Cameron. T.N.Z.I. xxxiii. 117.

wellingtoni, Cameron. T.N.Z.I. xxxiii. 117.

actista, Cameron. Man. Mem. 1898, 8.

helmsi, Cameron. Man. Mem. 1898, 9.

atarxidia, Cameron. Man. Mem. 1898, 13.

ixia, Cameron. Man. Mem. 1898, 13.

colensii, Cameron. Man. Mem. 1898, 15.

ursula, Cameron. Man. Mem. 1898, 16.

brounii, Cameron. Man. Mem. 1898, 17.

leodacus, Cameron. Man. Mem. 1898, 19.

falsus, Cameron. Man. Mem. 1898, 18.

machimia, Cameron. Man. Mem. 1898, 20.

utetes, Cameron. Man. Mem. 1898, 21.

thyelma, Cameron. Man. Mem. 1898, 22.

nova zealandicus, Cameron. Man. Mem. 23.

The following species require generic revision :

decoratorius, Fabricus. Syst. Ent. 333.

insidiator, Smith. T.E.S. 1876, 476.

deceptus, Smith. T.E.S. 1876, 477.

- Ichneumon exhilaratus*, Smith. T.E.S. 477.
consanguineus, Smith. T.E.S. 476.
placidus, Smith. T.E.S. 476.
conspiratus, Smith. T.E.S. 476.
perfidiosus, Smith. T.E.S. 475.
huttoni, Kirby. T.E.S. 1881, 44.
hersilia, Cameron. Man. Mem. 1898, 7.
- Probolus*, Wesmael, 1844.
lotatorius, Fabricius. Syst. Ent. 330; *Priocnemis pascoi*, Kirby; T.E.S. 1883, 200; *Eristicus cinctus*, Ashmead; Pro. U.S. Nat. Mus. xii. 389.
investus, Smith. T.E.S. 1876, 475; *Eristicus basilaris*, Ashmead, Pro. U.S. Nat. Mus. xii. 389.
sollicitorius, Fabricius. Syst. Ent. 332; *E. apicalis*, Ashmead, Pro. U.S. Nat. Mus. xii. 388.
- Amblytetes*, Wesmael, 1844.
zealandicus, Cameron. T.N.Z.I. xxxiii. 108.
hudsoni, Cameron, T.N.Z.I. xxxiii. 109.
- Colobacis*, Cameron, 1900.
forticornis, Cameron. T.N.Z.I. xxxiii. 110.
- Degithina*, Cameron, 1900.
buchanani, Cameron. T.N.Z.I. xxxiii. 112.
caroli, Cameron. T.N.Z.I. xxxiii. 113.
davidi, Cameron. T.N.Z.I. xxxiii. 114.
hectori, Cameron. T.N.Z.I. xxxiii. 114.
- Zestocormus*, Cameron, 1900.
melanoplus, Cameron. T.N.Z.I. xxxiii. 119.
- Dicælotus*, Westmael, 1844.
striatifrons, Cameron. Man. Mem. 1898, 24.
- Sub-family CRYPTINÆ.
- Cryptus*, Fabricius, 1804.
penetrator, Smith. T.E.S. 1878, 2.
- Mesostenus*, Gravenhorst, 1829.
albopictus, Smith. T.E.S. 1876, 477.
- Hemiteles*, Gravenhorst, 1829.
destructivorus, Cameron. Man. Mem. 1898, 26
- Bathymetis*, Forster, 1862.
antipoda, Ashmead. Ent. News, 1900, 624.
- Sub-family OPHIONINÆ.
- Ophion*, Gravenhorst, 1829.
inutilis, Smith. T.E.S. 1876, 478.
punctatus, Cameron. Man. Mem. 1898, 39.

- Ophion ferrugineus**, Smith. T.E.S. 1878, 2.
peregrinus, Smith. T.E.S. 1876, 478.
skelloni, Kirby. T.E.S. 1881, 46.
insularis, Kirby. T.E.S. 1881, 46.

- Paniscus**, Gravenhorst, 1829.
productus, Brullé. Hist. Nat. des. Hym. iv. ; *P. ephippia us*,
 Smith, T.E.S. 1876, 478.
foveatus, Cameron. Man. Mem. 1898, 36.

- Limnerium**, Holmgren, 1860.
zealandicum, Cameron. Man. Mem. 1898, 36.
hudsoni, Cameron. T.N.Z.I. xxxiii. 105.

Sub-family PIMPLIDINÆ.

- Rhyssus**, Gravenhorst, 1829.
fractinervis, Vollenhoven. Tijd Ent. 2, viii. 67 ; *R. anti-*
podum, Smith, T.E.S. 1876, 479.
clavula, Colenso. T.N.Z.I. xvii. 158.

- Allotheronia**, Ashmead, 1900.
12-guttata, Ashmead. P.L.S.N.S.W. 1900, 351.

- Lissonota**, Gravenhorst, 1829.
flavopicta, Smith. T.E.S. 1878, 4.
albopicta, Smith. T.E.S. 1878, 4.
multicolor, Colenso. T.N.Z.I. xvii. 159.
tinctipennis, Cameron. Man. Mem. 1898, 28.
rubriplagiata, Cameron. T.N.Z.I. xxxiii. 106.

- Euctenopus**, Ashmead, 1900.
nova-zealandica, Ashmead. P.L.S.N.S.W. 1900, 351.

Sub-family TRYPHONINÆ.

- Tryphon**, Fallen, 1813.
obstructor, Smith. T.E.S. 1878, 4.

- Mesoleptus**, Gravenhorst, 1829.
mulleri, Butler. Voy. Erebus and Terror, Insects, 27.
sybarita, Cameron. Man. Mem. 1898, 32.
comparatus, Cameron. Man. Mem. 1898, 33.

- Chorinæus**, Holmgren, 1855.
forticeps, Cameron. Man. Mem. 1898, 29.
nigripes, Cameron. Man. Mem. 1898, 33.

- Scolobates**, Gravenhorst, 1829.
intrudens, Smith. T.E.S. 1878, 3 ; genus doubtful.

Family CYNIPIDÆ.

- Anacharis**, Dalman, 1823.
zealandica, Ashmead. P.L.S.N.S.W. 1900, 329.

Sub-order SESSILIVENTRES.

Family SIRICIDÆ.

Xiphodria, Latreille, 1802.**decepta**, Smith. T.E.S. 1876, 474; *X. flavopicta*, Smith, T.E.S. 1878, 1; *Brachyixiphus deceptus*, Kirby, T.E.S. 1881, 49.

Order LEPIDOPTERA.

Section PAPILIONINA.

Family NYMPHALIDÆ.

Sub-family DANAINÆ.

Anosia, Hübner, 1816.**erripus**, Cramer. Hudson, N.Z. Lep. 102; Fereday, T.N.Z.I. xxx. 327 (*Danaüs archippus*).

Sub-family SATYRINÆ.

Percnodaimon, Butler, 1876.**pluto**, Fereday. T.N.Z.I. xxx. 327; Hudson, 114 (*Erebia*).**Erebiola**, Fereday, 1879.**butleri**, Fereday. L.C. 327; Hudson, 115.**Argyrophenga**, Doubleday, 1845.**antipodum**, Doubleday. Fereday, l.c. 327; Hudson, 110.**Dodonidia**, Butler, 1884.**helmsi**, Fereday. L.C. 327; Hudson, 112.

Sub-family NYMPHALINÆ.

Vanessa, Fabricius, 1805.**gonerilla**, Fab. Hudson, 105; Fereday, l.c. 327 (*Pyramis*); T.N.Z.I. ix. 355.**ida**, Alfken. Zool. Anz. xxii. 5 (1899).**itea**, Fab. Hudson, 107; Fereday, l.c. 328.**cardui**, Linnæus. Hudson, 108; *P. kershawi*, Fereday.**Junonia**, Hübner, 1816.**vellida**, Fabricius. Hudson, 109; T.E.S. 1888, 146, pl. 6, fig. 11.

Family LYCENIDÆ.

Chrysophanus, Hübner, 1816.**salustius**, Fab. Hudson, 116; Fereday, l.c. 328; *C. maui*, Fereday.**feredayi**, Bates. Fereday, l.c. 329; Hutton, T.N.Z.I. xxxiii. 97; *C. enysi*, Hudson, l.c. 117.**rauparaha**, Fereday. L.C. 328; Hutton, T.N.Z.I. xxxiii. 97.
boldenarum, White. Fereday, l.c. 329; Hudson, 118.**Lycæna**, Fabricius, 1808.**oxleyi**, Felder. Fereday, l.c. 329; Hudson, 119.**phœbe**, Murray. Fereday, l.c. 329; Hudson, 119.

Section CARADRININA.

Family ARCTIADÆ.

Metacrias, Meyrick, 1886.

strategica, Hudson, 4. Fereday, T.N.Z.I. xxx. 331; Howes, T.N.Z.I. xxxiii. 188; Quail, T.N.Z.I. xxxiv. 227.

erichrysa, Meyrick. Hudson, 4; Fereday, l.c. 331.

huttoni, Butler. Hudson, 5; Fereday, l.c. 331; Hampton, Cat. Lep. Phal. in Brit. Mus. iii. 468.

Family HYP SIDÆ.

Nyctemera, Hübner, 1816.

annulata, Boisduval. Hudson, 2; Fereday, l.c. 331; T.N.Z.I. ix. 355.

Family CARADRINIDÆ.

Sub-family POLIANÆ.

Miselia, Ochsenheimer, 1816.

pessota, Meyrick. Hudson, 6; Fereday, l.c. 335.

Orthosia, Ochsenheimer, 1816.

margarita, Hawthorne. T.N.Z.I. xxix. 283; Hudson, 6.

comma, Walker. Hudson, 7; Fereday, l.c. 335; T.N.Z.I. ix. 356.

immunis, Walker. Hudson, 7; Fereday, l.c. 335.

fortis, Butler. (*Toxocampa*), Meyrick, T.E.S. 1901, 565.

Xanthia, Ochsenheimer, 1816.

purpurea, Butler. Hudson, 8; Fereday, l.c. 335.

Sub-family MELANCHRINÆ.

Physetica, Meyrick, 1887.

cærulea, Guenée. Hudson, 8; Fereday, l.c. 332.

Leucania, Hübner, 1816.

griseipennis, Felder. Hudson, 9; Fereday, l.c. 332.

moderata, Walker. Hudson, 9; Fereday, l.c. 332.

temperata, Walker. Hudson, 9; Fereday, l.c. 332.

nullifera, Walker. Hudson, 9; Fereday, l.c. 332.

purdii, Fereday. Hudson, 10; Fereday, l.c. 332.

atristriga, Walker. Hudson, 10; Fereday, l.c. 332.

propria, Walker. Hudson, 11; Fereday, l.c. 332.

acontistis, Meyrick. Hudson, 11; Fereday, l.c. 332.

phaula, Meyrick. Hudson, 11; Fereday, l.c. 332.

alopa, Meyrick. Hudson, 12; Fereday, l.c. 332.

micrastra, Meyrick. Hudson, 12.

unica, Walker. Hudson, 12; Fereday, l.c. 332.

arotis, Meyrick. Hudson, 12; Fereday, l.c. 333.

aulacias, Meyrick. Hudson, 12, note; Fereday, l.c. 333.

sulcana, Fereday. Hudson, 13; Fereday, l.c. 333.

semivittata, Walker. Hudson, 13; Fereday, l.c. 333.

- Leucania blenheimensis**, Fereday. Hudson, 13; Fereday, T.N.Z.I. xxx. 333.
unipuncta, Hawthorne. Hudson, 13; Fereday, l.c. 333 (*extranea*).
toroneura, Meyrick. T.E.S. 1901, 565.
- Ichneutica**, Meyrick, 1887.
dione, Hudson, 14.
ceraunias, Meyrick. Hudson, 14; Fereday, l.c. 333.
- Melanchra**, Hübner, 1816.
disjungens, Walker. Hudson, 15; Fereday, l.c. 333 (*Mamestra*).
paracausta, Meyrick. Hudson, 15; Fereday, l.c. 333 (*Mamestra*).
insignis, Walker. Hudson, 16; Fereday, l.c. 333 (*Mamestra*).
maya, Hudson, 17.
plena, Walker. Hudson, 17; Fereday, l.c. 333 (*Mamestra*).
lithias, Meyrick. Hudson, 17; Fereday, l.c. 333 (*Mamestra*).
mutans, Walker. Hudson, 18; Fereday, l.c. 333 (*Mamestra*); T.N.Z.I. xii. 273; Quail, T.N.Z.I. xxxiv. 232.
agorastis, Meyrick. Hudson, 18; Fereday, l.c. 334 (*Mamestra*).
pictula, White. Hudson, 19; Fereday, l.c. 334 (*Mamestra*).
rhodopleura, Meyrick. Hudson, 19; Fereday, l.c. 334 (*Mamestra*).
merope, Hudson, 19.
pelistis, Meyrick. Hudson, 19; Fereday, l.c. 334 (*Mamestra*).
proteastis, Meyrick. Hudson, 20; Fereday, l.c. 334 (*Mamestra*).
vitiosa, Butler. Hudson, 20; Fereday, l.c. 334 (*Mamestra*).
diatmeta, Meyrick. Hudson, 21.
tartarea, Butler. Hudson, 21; Fereday, l.c. 334 (*Mamestra*).
homoscia, Meyrick. Hudson, 21; Fereday, l.c. 334 (*Mamestra*).
omicron, Hudson, 22.
composita, Guenée. Hudson, 22; Fereday, l.c. 334 (*Mamestra*); T.N.Z.I. ix. 357.
steropastis, Meyrick. Hudson, 23; Fereday, l.c. 334 (*Mamestra*).
infensa, Walker. Hudson, 23; Fereday, l.c. 334 (*Mamestra*).
omoplaca, Meyrick. Hudson, 23; Fereday, l.c. 334 (*Mamestra*).
alcyone, Hudson, 24.
dotata, Walker. Hudson, 24; Fereday, l.c. 334 (*Mamestra*).
asterope, Hudson, 24.
stipata, Walker. Hudson, 25; Fereday, l.c. 334 (*Mamestra*).
octans, Hudson, 25.

- Melanchra rubescens**, Butler.⁵ Hudson, 25; Fereday, T.N.Z.I. xxx. 334 (*Mamestra*).
lignana, Walker. Hudson, 26; Fereday, l.c. 335 (*Mamestra*); T.N.Z.I. ix. 357 (*H. lignifurea*).
cæleno, Hudson, 26.
ustistriga, Walker. Hudson, 26; Fereday, l.c. 335 (*Mamestra*); *E. insignis*, T.N.Z.I. ix. 356.
prionistis, Meyrick. Hudson, 27; Fereday, l.c. 335 (*Mamestra*).
phricias, Meyrick. Hudson, 27; Fereday, l.c. 335 (*Mamestra*).
cucullina, Guenée. Hudson, 27; Fereday, l.c. 335 (*Mamestra*).
bromias, Meyrick. T.E.S. 1900, 273.
- Erana**, Walker, 1857.
graminosa, Walker. Hudson, 28; Fereday, l.c. 335.

Sub-family CARADRININÆ.

- Bityla**, Walker, 1865.
defigurata, Walker. Hudson, 29; Fereday, l.c. 335.
sericea, Butler. Hudson, 29; Fereday, l.c. 336.
- Agrotis**, Ochsenheimer, 1816.
ypsilon, Bott. Hudson, 30; Fereday, l.c. 336.
admirationis, Guenée. Hudson, 31; Fereday, l.c. 336.
innominata, Hudson, 31.
sericea, Butler, 31; Fereday, l.c. 336.
ceropachoides, Guenée. Hudson, 32; Fereday, l.c. 336.
- Heliothis**, Ochsenheimer, 1816.
armigera, Hübner. Hudson, 32; Fereday, l.c. 336.
- Cosmodes**, Guenée, 1852.
elegans, Donovan. Hudson, 33; Fereday, l.c. 336.

Family PLUSIADÆ.

Sub-family HYPNINÆ.

- Hypenodes**, Guenée, 1882.
exsularis, Meyrick. Hudson, 34; Fereday, l.c. 337.
anticlina, Meyrick. T.E.S. 1901, 566; *R. octius*, Hudson, not of Meyrick.

Sub-family PLUSIANÆ.

- Plusia**, Ochsenheimer, 1816.
chalcites, Esper. Hudson, 35; Fereday, l.c. 336 (*eriosoma*).
- Dasypodia**, Guenée, 1852.
selenophora, Guenée. Hudson, 35; Fereday, l.c. 336; Colenso, T.N.Z.I. xi. 300.
- Rhapsa**, Walker, 1865.
scotosialis, Walker. Hudson, 36; Fereday, l.c. 337.

Series NOTODONTINA.

Family HYDRIOMENIDÆ.

Tatosoma, Butler, 1874.*lestevata*, Walker. Hudson, 39; Fereday, T.N.Z.I. xxx. 339.*agrionata*, Walker. Hudson, 40; Fereday, l.c. 340.*timora*, Meyrick. Hudson, 40; Fereday, l.c. 340.**Paradetis**, Meyrick, 1886.*porphyrias*, Meyrick. Hudson, 41; Fereday, l.c. 338.**Microdes**, Guenée, 1857.*epicryptis*, Meyrick. T.E.S. 1897, 384.**Chloroclystis**, Hübner, 1816.*plinthina*, Meyrick. Hudson, 41; Fereday, l.c. 339 (*Pasi-
phila*).*bilineolata*, Walker. Hudson, 41; Fereday, l.c. 339 (*Pasi-
phila*).*antarctica*, Hudson, 42.*aristias*, Meyrick. Hudson, 42.*neréis*, Meyrick. Hudson, 43; Fereday, l.c. 339 (*Pasiphila*).*dryas*, Meyrick. Hudson, 43; Fereday, l.c. 339 (*Pasiphila*).*sphragitis*, Meyrick. Hudson, 43; Fereday, l.c. 339 (*Pasi-
phila*).*lichenodes*, Purdie. Hudson, 44; Fereday, l.c. 339 (*Pasi-
phila*).*indicataria*, Walker. Hudson, 44; Fereday, l.c. 339 (*Pasi-
phila*).*inductata*, Walker. Hudson, 44; Fereday, l.c. 339 (*Pasiphila*).*maculata*, Hudson, 44.*rectilineata*, Hudson, 45.**Phrissogonus**, Butler, 1882.*denotatus*, Walker. Hudson, 45; Fereday, l.c. 339.**Elvia**, Walker, 1862.*glaucata*, Walker. Hudson, 46; Fereday, l.c. 339.**Hydriomena**, Hübner, 1816.*globiata*, Felder. Hudson, 47; Fereday, l.c. 340 (*Scotosia*).*prionota*, Meyrick. Hudson, 47.*deltoidata*, Walker. Hudson, 47; Fereday, l.c. 340 (*Ce-
phalissa*).*hemizona*, Meyrick. Hudson, 48.*subochraria*, Doubleday. Hudson, 48; Fereday, l.c. 341
(*Anachloris*).*triphragma*, Meyrick. Hudson, 49; Fereday, l.c. 341
(*Cidaria*).*rixata*, Felder. Hudson, 49; Fereday, l.c. 341 (*Cidaria*).*purpurifera*, Fereday. Hudson, 49; Fereday, l.c. 341
(*Cidaria*).

- Hydriomena similata**, Walker. Hudson, 50; Fereday, T.N.Z.I. xxx. 341 (*Cidaria*).
callichlora, Butler. Hudson, 50; Fereday, l.c. 341 (*Cidaria*).
arida, Butler. Hudson, 50; Fereday, l.c. 341 (*Cidaria*).
siria, Meyrick. Hudson, 51; Fereday, l.c. 344 (*Cephalissa*).
- Euchœca**, Hübner, 1816.
rubropunctaria, Doubleday. Hudson, 51; Fereday, l.c. 338. (*Epicyme*).
- Asthena**, Hübner, 1816.
pulchraria, Doubleday. Hudson, 52; Fereday, l.c. 340.
schistaria, Walker. Hudson, 52; Fereday, l.c. 34c.
- Venusia**, Curtis, 1839.
verriculata, Felder. Hudson, 53; Fereday, l.c. 338 (*Paneyma*).
xanthaspis, Meyrick. Hudson, 54; Fereday, l.c. 338 (*Aulopola*).
undosata, Felder. Hudson, 54; Fereday, l.c. 338 (*Ephryne*).
- Asaphodes**, Meyrick, 1886.
abrogata, Walker. Hudson, 55; Fereday, l.c. 338.
siris, Hawthorn. Hudson, 55.
megaspilata, Walker. Hudson, 55; Fereday, l.c. 338 (*Probolœa*); Quail, T.N.Z.I. xxxiv. 235.
parora, Meyrick. Hudson, 56; Fereday, l.c. 338 (*Probolœa*).
rufescens, Butler. Hudson, 56; Fereday, l.c. 338 (*Homodotis*).
- Xanthorhoë**, Hübner, 1816.
limonodes, Meyrick. Hudson, 57; Fereday, l.c. 341 (*Epyaxa*).
subductata, Walker. Hudson, 57; Fereday, l.c. 341 (*Epyaxa*).
rosearia, Doubleday. Hudson, 57; Fereday, l.c. 340 (*Epyaxa*).
orophyla, Meyrick. Hudson, 58; Fereday, l.c. 341 (*Epyaxa*).
semifissata, Walker. Hudson, 59; Fereday, l.c. 341 (*Epyaxa*).
lophogramma, Meyrick. Hudson, 59.
chlamydota, Meyrick. Hudson, 59; Fereday, l.c. 341 (*Epyaxa*).
stinaria, Guenée. Hudson, 60; Fereday, l.c. 342 (*Larentia*).
mnesichola, Meyrick. Hudson, 60; Fereday, l.c. 343 (*Larentia*).
præfectata, Walker. Hudson, 60; Fereday, l.c. 342 (*Larentia*).
nephelias, Meyrick. Hudson, 61; Fereday, l.c. 342 (*Larentia*).

- Xanthorhoë cataphracta**, Meyrick. Hudson, 61; Fereday, T.N.Z.I. xxx. 342 (*Larentia*).
- clarata**, Walker. Hudson, 61; Fereday, l.c. 342 (*Larentia*).
- cosmodosa**, Meyrick. Hudson, 62; Fereday, l.c. 343 (*Larentia*).
- bryopis**, Meyrick. Hudson, 62; Fereday, l.c. 343 (*Larentia*).
- beata**, Butler. Hudson, 63; Fereday, l.c. 342 (*Larentia*).
- adonis**, Hudson, 63.
- chlorias**, Meyrick. Hudson, 63; Fereday, l.c. 342 (*Larentia*).
- ægrota**, Butler. Hudson, 64; Fereday, l.c. 342 (*Larentia*).
- lucidata**, Walker. Hudson, 64; Fereday, l.c. 342 (*Larentia*).
- heliás**, Meyrick. Hudson, 64; Fereday, l.c. 342 (*Larentia*).
- prasinias**, Meyrick. Hudson, 65; Fereday, l.c. 342 (*Larentia*).
- chionogramma**, Meyrick. Hudson, 65; Fereday, l.c. 342 (*Larentia*).
- camelias**, Meyrick. Hudson, 65; Fereday, l.c. 343 (*Larentia*).
- falcata**, Butler. Hudson, 66; Fereday, l.c. 343 (*Larentia*).
- obarata**, Felder. Hudson, 66; Fereday, l.c. 342 (*Larentia*).
- chorica**, Meyrick. Hudson, 66; Fereday, l.c. 343 (*Larentia*).
- subobscurata**, Walker. Hudson, 66; Fereday, l.c. 342 (*Larentia*).
- cinerearia**, Doubleday. Hudson, 67; Fereday, l.c. 343 (*Larentia*).
- anthracias**, Meyrick. Hudson, 67; Fereday, l.c. 343 (*Larentia*).
- bulbulata**, Guenée. Hudson, 68; Fereday, l.c. 343 (*Larentia*).
- homalocyma**, Meyrick. T.E.S. 1902, 274.
- Lythria**, Hübner, 1816.
- chrysopeda**, Meyrick. Hudson, 68; Fereday, l.c. 339 (*Arctesthes*).
- euclidiata**, Guenée. Hudson, 58; Fereday, l.c. 338 (*Arctesthes*).
- Dasyuris**, Guenée, 1868.
- ensyii**, Butler. Hudson, 69; Fereday, l.c. 344 (*Strathmonyma*).
- anceps**, Butler. Hudson, 69; Fereday, l.c. 344 (*Strathmonyma*).
- partheniata**, Guenée. Hudson, 70; Fereday, l.c. 344.
- hectori**, Butler. Hudson, 70; Fereday, l.c. 344 (*Strathmonyma*).
- Notoreas**, Meyrick, 1886.
- insignis**, Butler. Hudson, 71; Fereday, l.c. 343.
- orphnæa**, Meyrick. Hudson, 71; Fereday, l.c. 343.
- isoleuca**, Meyrick. Hudson, 72.

- Notoreas mechanitis**, Meyrick. Hudson, 72; Fereday, T.N.Z.I. xxx. 343.
paradelpha, Meyrick. Hudson, 72; Fereday, l.c. 343.
perornata, Walker. Hudson, 72; Fereday, l.c. 344.
strategica, Meyrick. Hudson, 73; Fereday, l.c. 343.
callicrena, Meyrick. Hudson, 73; Fereday, l.c. 344.
niphocrena, Meyrick. Hudson, 74; Fereday, l.c. 344.
simplex, Hudson, 74.
ferox, Butler. Hudson, 74; Fereday, l.c. 344.
zopyra, Meyrick. Hudson, 74; Fereday, l.c. 344.
vulcanica, Meyrick. Hudson, 75; Fereday, l.c. 344.
brephosata, Walker. Hudson, 75; Fereday, l.c. 344.
omichlias, Meyrick. Hudson, 76; Fereday, l.c. 344.
- Samana**, Walker, 1863.
falcatella, Walker. Hudson, 76; Fereday, l.c. 344.
acutata, Butler. Hudson, 76; Fereday, l.c. 344.

Family STERRHIDÆ.

- Leptomeris**, Hübner, 116.
rubraria, Doubleday. Hudson, 77; Fereday, l.c. 337 (*Acidalia*).

Family MONOCTENIADÆ.

- Dichromodes**, Guenée, 1857.
nigra, Butler. Hudson, 78; Fereday, l.c. 345.
gypsotis, Meyrick. Hudson, 78; Fereday, l.c. 345.
petrina, Meyrick. Hudson, 78; Fereday, l.c. 345.
- Theoxena**, Meyrick, 1884.
scissaria, Guenée. Hudson, 79; Fereday, l.c. 337.

Family ORTHOSTIXIDÆ.

- Epirranthis**, Hübner, 1816.
alectoraria, Walker. Hudson, 80; Fereday, l.c. 345 (*Lyrcea*);
 Marriner, T.N.Z.I. xxxiii. 147.
hemipteraria, Guenée. Hudson, 80; Fereday, l.c. 337
 (*Xyridacma*).

Family SELIDOSEMIDÆ.

- Selidosema**, Hübner, 1816.
fenerata, Felder. Hudson, 82; Fereday, l.c. 345.
rudisata, Walker. Hudson, 82; Fereday, l.c. 346.
suavis, Butler. Hudson, 83; Fereday, l.c. 345.
humillima, Hudson, 83.
cremnopa, Meyrick. T.E.S. 1897, 387.
productata, Walker. Hudson, 84; Fereday, l.c. 345.
aristarcha, Meyrick. Hudson, 85; Fereday, l.c. 346.
melinata, Felder. Hudson, 85; Fereday, l.c. 346.
dejectaria, Walker. Hudson, 85; Fereday, l.c. 346.
panagratta, Walker. Hudson, 87; Fereday, l.c. 346.
ombrodes, Meyrick. T.E.S. 1902, 275.

- Hybernia**, Latreille, 1825.
indocilis, Walker. Hudson, 88; Fereday, T.N.Z.I. xxx. 345.
- Chalastra**, Walker, 1862.
pelurgata, Walker. Hudson, 88; Fereday, l.c. 347.
- Sestra**, Walker, 1862.
humeralia, Walker. Hudson, 89; Fereday, l.c. 347.
flexata, Walker. Hudson, 90.
- Gonophylla**, Meyrick, 1886.
nelsonaria, Felder. Hudson, 90; Fereday, l.c. 347.
gallaria, Walker. Hudson, 92; Fereday l.c. 347.
ophiopa, Meyrick. Hudson, 93.
fortinata, Guenée. Hudson, 93; Fereday, l.c. 347.
- Drepanodes**, Guenée, 1856.
muriferata, Walker. Hudson, 91; Fereday, l.c. 347.
- Ipana**, Walker, 1858.
leptomera, Walker. Hudson, 94; Fereday, l.c. 347
- Declana**, Walker, 1858.
atronivea, Walker. Hudson, 95; Fereday, l.c. 346 (*Detunda*).
egregia, Walker. Hudson, 96; Fereday, l.c. 346 (*Detunda*).
floccosa, Walker. Hudson, 96; Fereday, l.c. 346; T.N.Z.I. ix. 356, and xii. 273.
junctilinea, Felder. Hudson, 98; Fereday, l.c. 347.
hermione, Hudson, 98.
griseata, Hudson, 98.
niveata, Butler. Hudson, 98; Fereday, 347 (*Epicasis*).

Family SPHINGIDÆ.

- Sphinx**, Linnæus, 1767.
convolvuli, Linnæus. Hudson, 99; Fereday, l.c. 331.

Section PYRALIDINA.

Family PHYCITIDÆ.

- Crocypora**, Meyrick, 1888.
cinigerella, Walker. Fereday, T.N.Z.I. xxx. 357.
cœnospira, Meyrick. T.E.S. 1897, 388.
- Homœosoma**, Curtis, 1833.
anaspila, Meyrick. T.E.S. 1901, 566.

Family CRAMBIDÆ.

- Tauroscopa**, Meyrick, 1888.
gorgopis, Meyrick. Fereday, l.c. 355.
- Hednota**, Meyrick, 1886.
leucophthalma, Meyrick. Fereday, T.N.Z.I. xxx. 354.

Diptychophora, Zeller, 1866.

- pyrsophanes*, Meyrick. *Fereday*, T.N.Z.I. xxx. 354.
- chrysochyta*, Meyrick. *Fereday*, l.c. 354.
- interrupta*, Felder. *Fereday*, l.c. 354.
- lepidella*, Walker. *Fereday*, l.c. 354.
- leucoxantha*, Meyrick. *Fereday*, l.c. 354.
- metallifera*, Butler. *Fereday*, l.c. 354.
- auriscriptella*, Walker. *Fereday*, l.c. 354.
- heliotypa*, Meyrick. *Fereday*, l.c. 355.
- elaina*, Meyrick. *Fereday*, l.c. 355.
- selenæa*, Meyrick. *Fereday*, l.c. 355.
- holanthes*, Meyrick. *Fereday*, l.c. 355.
- bipunctella*, Walker. *Fereday*, l.c. 355.
- epiphæa*, Meyrick. *Fereday*, l.c. 355.
- harmonica*, Meyrick. *Fereday*, l.c. 355.

Cryptomima, Meyrick, 1883.

- acerella*, Walker. *Fereday*, l.c. 354.

Scenoploca, Meyrick, 1883.

- petraula*, Meyrick. *Fereday*, l.c. 354.

Thinasotia, Heinemann.

- claviferella*, Walker. *Fereday*, l.c. 355.

Crambus, Fabricius, 1798.

- æthonellus*, Meyrick. *Fereday*, l.c. 355.
- corruptus*, Butler. *Fereday*, l.c. 355.
- ramosellus*, Walker. *Fereday*, l.c. 356.
- angustipennis*, Zeller. *Fereday*, l.c. 356.
- dicrenellus*, Walker. *Fereday*, l.c. 356.
- haplotomus*, Meyrick. *Fereday*, l.c. 356.
- callirrhois*, Meyrick. *Fereday*, l.c. 356.
- simplex*, Butler. *Fereday*, l.c. 356.
- seriellus*, Meyrick. *Fereday*, l.c. 356.
- apicellus*, Zeller. *Fereday*, l.c. 356.
- vitellus*, Doubleday. *Fereday*, l.c. 356.
- flexuosellus*, Doubleday. *Fereday*, l.c. 356.
- tuhualis*, Felder. *Fereday*, l.c. 356.
- cyclopicus*, Meyrick. *Fereday*, l.c. 356.
- harpophorus*, Meyrick. *Fereday*, l.c. 356.
- xanthogrammus*, Meyrick. *Fereday*, l.c. 356.
- ephorus*, Meyrick. *Fereday*, l.c. 356.
- crenæus*, Meyrick. *Fereday*, l.c. 356.
- enchophorus*, Meyrick. *Fereday*, l.c. 357.
- diplorrhous*, Meyrick. *Fereday*, l.c. 357.
- pedias*, Meyrick. *Fereday*, l.c. 357.
- paraxenus*, Meyrick. *Fereday*, l.c. 357.
- sophonellus*, Meyrick. *Fereday*, l.c. 357.
- oncobolus*, Meyrick. *Fereday*, l.c. 357.

- Crambus heliotes**, Meyrick. Fereday, T.N.Z.I. xxx. 357.
isochytus, Meyrick. Fereday, l.c. 357.
heteranthes, Meyrick. T.E.S. 1901, 568.
antimorus, Meyrick. T.E.S. 1901, 567.
horistes, Meyrick. T.E.S. 1902, 276.
- Orocrambus**, Meyrick, 1885.
melampetrus, Meyrick. Fereday, l.c. 355.
catacaustus, Meyrick. Fereday, l.c. 355.
tritonellus, Meyrick. Fereday, l.c. 355.
mylites, Meyrick. Fereday, l.c. 355.
thymniastes, Meyrick. T.E.S. 1901, 567.

Family PYRAUSTIDÆ.

- Hymenia**, Hubner, 1816.
recurvalis, Fabricius. Fereday, l.c. 349.
- Heliothela**, Guenée, 1854.
atra, Butler. Fereday, l.c. 349.
- Scoparia**, Hawthorn, 1811.
oreas, Meyrick. Fereday, l.c. 349.
philerga, Meyrick. Fereday, l.c. 350.
chlamydota, Meyrick. Fereday, l.c. 350.
minuscularis, Walker. Fereday, l.c. 350.
hemiplaca, Meyrick. Fereday, l.c. 350.
linealis, Walker. Fereday, l.c. 350. (sp. dub.)
minualis, Walker. Fereday, l.c. 350.
chimeria, Meyrick. Fereday, l.c. 350.
dinodes, Meyrick. Fereday, l.c. 350.
acharis, Meyrick. Fereday, l.c. 350.
cymatias, Meyrick. Fereday, l.c. 350.
microphthalma, Meyrick. Fereday, l.c. 350.
hemicycla, Meyrick. Fereday, l.c. 350.
ergatis, Meyrick. Fereday, l.c. 350.
encapna, Meyrick. Fereday, l.c. 350.
critica, Meyrick. Fereday, l.c. 350.
characta, Meyrick. Fereday, l.c. 350.
ustimacula, Felder. Fereday, l.c. 350.
pongalis, Felder. Fereday, l.c. 350.
melanægis, Meyrick. Fereday, l.c. 350.
trapezophora, Meyrick. Fereday, l.c. 350.
philetachra, Meyrick. Fereday, l.c. 351.
colpota, Meyrick. Fereday, l.c. 351.
periphanes, Meyrick. Fereday, l.c. 351.
diphtheralis, Walker. Fereday, l.c. 351.
submarginalis, Walker. Fereday, l.c. 351.
cataxesta, Meyrick. Fereday, l.c. 351.
tetracycla, Meyrick. Fereday, l.c. 351.

- Scoparia indistinctalis**, Walker. *Fereday*, T.N.Z.I. xxx. 351.
chalicodes, Meyrick. *Fereday*, l.c. 351.
leptalea, Meyrick. *Fereday*, l.c. 351.
psammitis, Meyrick. *Fereday*, l.c. 351.
epicomia, Meyrick. *Fereday*, l.c. 351.
feredayi, Knaggs. *Fereday*, l.c. 351.
acompa, Meyrick. *Fereday*, l.c. 351.
manganentis, Meyrick. *Fereday*, l.c. 351.
crypsinoa, Meyrick. *Fereday*, l.c. 351.
axena, Meyrick. *Fereday*, l.c. 351.
steropæa, Meyrick. *Fereday*, l.c. 352.
exilis, Knaggs. *Fereday*, l.c. 352.
elaphra, Meyrick. *Fereday*, 352.
paltomacha, Meyrick. *Fereday*, l.c. 352.
deltophora, Meyrick. *Fereday*, l.c. 352.
sabulosella, Walker. *Fereday*, l.c. 352.
panopla, Meyrick. *Fereday*, l.c. 352.
trivirgata, Felder. *Fereday*, l.c. 352.
petrina, Meyrick. *Fereday*, l.c. 352.
cyamenta, Meyrick. *Fereday*, l.c. 352.
astragalota, Meyrick. *Fereday*, l.c. 352.
rotuella, Felder. *Fereday*, l.c. 352.
harpalea, Meyrick. *Fereday*, l.c. 352.
ejuncida, Knapps. *Fereday*, l.c. 352.
niphospora, Meyrick. *Fereday*, l.c. 352.
apheles, Meyrick. *Fereday*, l.c. 352.
aspidota, Meyrick. *Fereday*, l.c. 352.
nomentis, Meyrick. *Fereday*, l.c. 353.
epicremna, Meyrick. *Fereday*, l.c. 353.
legnota, Meyrick. *Fereday*, l.c. 353.
octophora, Meyrick. *Fereday*, l.c. 353.
asterisca, Meyrick. *Fereday*, l.c. 353.
leucogramma, Meyrick. *Fereday*, l.c. 353.
torodes, Meyrick. T.E.S. 1901, 568.
parachalca, Meyrick. T.E.S. 1901, 569.
organæa, Meyrick. T.E.S. 1901, 569.
alopezias, Meyrick. T.E.S. 1901, 570.
leptophæa, Meyrick. T.E.S. 1902, 277.
- Clepticosma**, Meyrick, 1888.
iridia, Meyrick. *Fereday*, l.c. 354.
- Paraponyx**, Hubner, 1816.
nitens, Butler. *Fereday*, l.c. 354.
- Musotima**, Meyrick, 1884.
aduncalis, Felder. *Fereday*, l.c. 348.
nitidalis, Walker. *Fereday*, l.c. 348.
- Diasemia**, Guenée, 1854.
grammalis, Doubleday. *Fereday*, l.c. 348.

- Sceliodes**, Guenée, 1854.
cordalis, Doubleday. Fereday, T.N.Z.I. xxx. 348.
- Mecyna**, Guenée, 1854.
deprivalis, Walker. Fereday, l.c. 349.
marmorata, Meyrick. Fereday, l.c. 349; Meyrick, T.E.S.
 1902, 276.
flavidalis, Doubleday. Fereday, l.c. 349.
notata, Butler. Fereday, l.c. 349.
daiclesalis, Walker. Fereday, l.c. 349.
- Protenia**, Meyrick, 1884.
philocapna, Meyrick. Fereday, l.c. 349.
- Nesarcha**, Meyrick, 1884.
hybreadalis, Walker. Fereday, l.c. 349.

Family PYRALIDIDÆ.

- Deana**, Butler.
paronalis, Walker. Fereday, l.c. 348.
- Diplopseustis**, Meyrick, 1884.
minima, Butler. Fereday, l.c. 348.

Family PTEROPHORIDÆ.

- Platyptilia**, Hubner, 1816.
haasti, Felder. Fereday, l.c. 353.
falcatalis, Walker. Fereday, l.c. 353.
heliastis, Meyrick. Fereday, l.c. 353.
ælodes, Meyrick. T.E.S. 1902, 278.
- Stenoptilia**, Hubner, 1816.
orites, Meyrick. Fereday, l.c. 353.
charadrias, Meyrick. Fereday, l.c. 353.
lithoxesta, Meyrick. Fereday, l.c. 353.
- Pterophorus**, Geoffroy, 176
furcatalis, Walker. Fereday, l.c. 353.
lycosemus, Meyrick. Fereday, l.c. 353.
monospilalis, Walker. Fereday, l.c. 353.
innotatalis, Walker. Fereday, l.c. 353.
celidotus, Meyrick. Fereday, l.c. 353.

Family SICULODIDÆ.

- Siculodes**, Schaeffer, 1855.
subfasciata, Walker. Fereday, l.c. 348.

Section PSYCHINA.

Family PSYCHIDÆ.

- Æceticus**, Guilding, 1827.
omnivorus, Fereday. Hudson, N.Z. Lep. 123; Fereday,
 l.c. 330.
- Orophora**, Fereday, 1878.
unicolor, Butler. Hudson, l.c. 126; Fereday, l.c. 330.

Section TORTRICINA.

Family EPIBLEMIDÆ.

- Epiblema**, Hubner, 1816.
 aphrias, Meyrick. T.E.S. 1901, 578.
- Epalxiphora**, Meyrick, 1881.
 axenana, Meyrick. Fereday, T.N.Z.I. xxx. 360.
- Bactra**, Stephens, 1829.
 lanceolana, Hubner. Fereday, l.c. 360.
- Protithona**, Meyrick, 1883.
 fugitivana, Meyrick. Fereday, l.c. 361.
- Noteraula**, Meyrick, 1892.
 straminea, Meyrick. Fereday, l.c. 361.
- Strepticrates**, Meyrick, 1881.
 ejectana, Walker. Fereday, l.c. 361.
 zopherana, Meyrick. Fereday, l.c. 361.
 charopa, Meyrick. Fereday, l.c. 361.
 parthenia, Meyrick. Fereday, l.c. 361.
 emplasta, Meyrick. T.E.S. 1901, 571.
- Hendecasticha**, Meyrick, 1881.
 æthaliana, Meyrick. Fereday, l.c. 361.
- Exoria**, Meyrick, 1883.
 mochlophorana, Meyrick. Fereday, l.c. 361.

Family TORTRICIDÆ.

- Capua**, Stephens, 1834.
 semiferana, Walker. Fereday, l.c. 357.
- Pyrgotis**, Meyrick, 1883.
 plagiastana, Walker. Fereday, l.c. 358.
 zygiana, Meyrick. Fereday, l.c. 358.
 endorana, Meyrick. Fereday, l.c. 358.
 plinthoglypta, Meyrick. Fereday, l.c. 358.
 pyramidias, Meyrick. T.E.S. 1901, 571.
- Adoxophyes**, Meyrick, 1883.
 lotiana, Meyrick. Fereday, l.c. 358.
 conditana, Walker. Fereday, l.c. 358.
 camelina, Meyrick. Fereday, l.c. 358.
 trichroa, Meyrick. T.E.S. 1901, 578.
- Proselena**, Meyrick, 1883.
 aspistana, Meyrick. Fereday, l.c. 358.
 hermionana, Meyrick. Fereday, l.c. 358.
 siriana, Meyrick. Fereday, l.c. 358.
 elephantina, Meyrick. Fereday, l.c. 358.
 eremana, Meyrick. Fereday, l.c. 358.

Proselena loxias, Meyrick. *Fereday*, T.N.Z.I. xxx. 358.
eribola, Meyrick. *Fereday*, l.c. 358.
zatrophana, Meyrick. *Fereday*, l.c. 358.
emphanes, Meyrick. T.E.S. 1901, 571.

Harmologa, Meyrick, 1883.
sityrana, Meyrick. *Fereday*, l.c. 358.
oblongana, Walker. *Fereday*, l.c. 359.
ænea, Butler. *Fereday*, l.c. 359.
amplexana, Zeller. *Fereday*, l.c. 359.
latomana, Meyrick. *Fereday*, l.c. 359.
sirea, Meyrick. *Fereday*, l.c. 359.
petrias, Meyrick. T.E.S. 1901, 572.
achrosta, Meyrick. T.E.S. 1901, 572.

Ctenopseustris, Meyrick, 1885.
obliquana, Walker. *Fereday*, l.c. 359.

Cacæcia, Hubner, 1816.
excessana, Walker. *Fereday*, l.c. 359.
enoplana, Meyrick. *Fereday*, l.c. 359.
alopecana, Meyrick. *Fereday*, l.c. 359.
astrologana, Meyrick. *Fereday*, l.c. 359.
torogramma, Meyrick. T.E.S. 1897, 388.
fervida, Meyrick. T.E.S. 1901, 572.
orthopis, Meyrick. T.E.S. 1901, 573.

Tortrix, Treitschke, 1829.
characterana, Meyrick. *Fereday*, l.c. 359.
demiana, Meyrick. *Fereday*, l.c. 359.
pictoriana, Felder. *Fereday*, l.c. 360.
philopoana, Meyrick. *Fereday*, l.c. 360.
leucaniana, Walker. *Fereday*, l.c. 360.
ærodana, Meyrick. *Fereday*, l.c. 360.

Dipterina, Meyrick, 1883.
jactatana, Walker. *Fereday*, l.c. 360.
incessana, Walker. *Fereday*, l.c. 360.
imbriferana, Meyrick. *Fereday*, l.c. 360.

Eurythecta, Meyrick, 1883.
robusta, Butler. *Fereday*, l.c. 360.

Prothelymna, Meyrick, 1883.
nephelotana, Meyrick. *Fereday*, l.c. 360.

Family PHALONIDÆ.

Heterocrossa, Meyrick, 1883.
ad reptella, Walker. *Fereday*, l.c. 361.
gonosemana, Meyrick. *Fereday*, l.c. 361.
cryodana, Meyrick. *Fereday*, l.c. 361.

- Heterocrossa epomiana**, Meyrick. Fereday, T.N.Z.I. xxx.
361.
exochana, Meyrick. Fereday, l.c. 361.
eriphylla, Meyrick. Fereday, l.c. 362.
charaxias, Meyrick. Fereday, l.c. 362.
Isonomeutis, Meyrick, 1888.
amauropa, Meyrick. Fereday, l.c. 362.

Section TINEINA.

Family GELECHIADÆ.

- Megacraspedus**, Zeller, 1839.
calamogonus, Meyrick. Fereday, l.c. 362.
Isochasta, Meyrick, 1886.
paradesma, Meyrick. Fereday, l.c. 362.
Thiotrichia, Meyrick, 1886.
tetrophala, Meyrick. Fereday, l.c. 362.
thorybodes, Meyrick. Fereday, l.c. 362.
Scieropepla, Meyrick, 1886.
typhicola, Meyrick. Fereday l.c. 362.
Gelechia, Hubner, 1816.
solanella, Boisduval. Fereday, l.c. 362.
thyraula, Meyrick. Fereday, l.c. 362.
brontophora, Meyrick. Fereday, l.c. 362.
schematica, Meyrick. Fereday, l.c. 362.
paraplura, Meyrick. Fereday, l.c. 362.
pharetria, Meyrick. Fereday, l.c. 362.
monophragma, Meyrick. Fereday, l.c. 362.
lithodes, Meyrick. Fereday, l.c. 363.
achyrota, Meyrick. Fereday, l.c. 363.
hippeis, Meyrick. T.E.S. 1901, 573.
Anisoplaca, Meyrick, 1886.
ptyoptera, Meyrick. Fereday, l.c. 363.
Epiphthora, Meyrick, 1888.
melanombra, Meyrick. Fereday, l.c. 363.

Family ECOPHORIDÆ.

- Phæosaces**, Meyrick, 1886.
compsotypa, Meyrick. Fereday, l.c. 363.
apocrypta, Meyrick. Fereday, l.c. 363.
liochroa, Meyrick. Fereday, l.c. 363.
Nymphostola, Meyrick, 1884.
galactina, Felder. Fereday, l.c. 363; Hutton, T.N.Z.I.
 xii. 274.
Proteodes, Meyrick, 1882.
carnifex, Butler. Fereday, l.c. 363.

- Eulechria**, Meyrick, 1882.
zophoëssa, Meyrick. *Fereday*, T.N.Z.I. xxx. 363.
photinella, Meyrick. *Fereday*, l.c. 363.
- Atomotricha**, Meyrick, 1884.
ommatias, Meyrick. *Fereday*, l.c. 363.
- Brachysara**, Meyrick, 1884.
sordida, Butler. *Fereday*, l.c. 363.
- Phlœopola**, Meyrick, 1883.
dinocosma, Meyrick. *Fereday*, l.c. 364.
- Trachypepla**, Meyrick, 1884
leucoplanetis, Meyrick. *Fereday*, l.c. 364.
euryleucota, Meyrick. *Fereday*, l.c. 364.
conspicuellæ, Walker. *Fereday*, l.c. 364.
spartodeta, Meyrick. *Fereday*, l.c. 364.
nyctopis, Meyrick. *Fereday*, l.c. 364.
galaxias, Meyrick. *Fereday*, l.c. 364.
hieropis, Meyrick. *Fereday*, l.c. 364.
protochlora, Meyrick. *Fereday*, l.c. 364.
aspidephora, Meyrick. *Fereday*, l.c. 364.
anastrella, Meyrick. *Fereday*, l.c. 364.
lichenodes, Meyrick. *Fereday*, l.c. 364.
- Aschleta**, Meyrick, 1884.
psychra, Meyrick. *Fereday*, l.c. 364.
- Peltophora**, Meyrick, 1888.
amenena, Meyrick. *Fereday*, l.c. 364.
- Semicosma**, Meyrick, 1884.
mystis, Meyrick. *Fereday*, l.c. 364.
peroneanella, Walker. *Fereday*, l.c. 364.
picarella, Walker. *Fereday*, l.c. 365.
epiphanes, Meyrick. *Fereday*, l.c. 365.
prasophyta, Meyrick. *Fereday*, l.c. 365.
austera, Meyrick. *Fereday*, l.c. 365.
apodoxa, Meyrick. *Fereday*, l.c. 365.
platyptera, Meyrick. *Fereday*, l.c. 365.
caustopa, Meyrick. *Fereday*, l.c. 365.
paraneura, Meyrick. *Fereday*, l.c. 365.
balanophora, Meyrick. T.E.S. 1897, 389.
- Lathicrossa**, Meyrick, 1884.
leucocentra, Meyrick. *Fereday*, l.c. 365.
- Thamnosara**, Meyrick, 1884.
chirista, Meyrick. *Fereday*, l.c. 365.
- Gymnobathra**, Meyrick, 1884.
coarctatella, Walker. *Fereday*, l.c. 365.

Gymnobathra sarcoxantha, Meyrick. Fereday, T.N.Z.I.
xxx. 365.

- parca*, Butler. Fereday, l.c. 365.
tholodella, Meyrick. Fereday, l.c. 365.
calliploca, Meyrick. Fereday, l.c. 365.
flavidella, Walker. Fereday, l.c. 365.
hamatella, Walker. Fereday, l.c. 365.
hyetodes, Meyrick. Fereday, l.c. 366.
philadelphia, Meyrick. Fereday, l.c. 366.
habropis, Meyrick. Fereday, l.c. 366.
omphalota, Meyrick. Fereday, l.c. 366.
thetodes, Meyrick. T.E.S. 1901, 574.

Cecophora, Latreille, 1796.

- scholæa*, Meyrick. Fereday, l.c. 366.
letharga, Meyrick. Fereday, l.c. 366.
chloritis, Meyrick. Fereday, l.c. 366.
epimyria, Meyrick. Fereday, l.c. 366.
contextella, Walker. Fereday, l.c. 366.
hemimochla, Meyrick. Fereday, l.c. 366.
griseata, Butler. Fereday, l.c. 366.
phlegophylla, Meyrick. Fereday, l.c. 366.
oporæa, Meyrick. Fereday, l.c. 366.
horæa, Meyrick. Fereday, l.c. 366.
armigerella, Walker. Fereday, l.c. 366.
apanthes, Meyrick. Fereday, l.c. 366.
anæma, Meyrick. Fereday, l.c. 366.
macarella, Meyrick. Fereday, l.c. 366.
homodoxa, Meyrick. Fereday, l.c. 366.
siderodeta, Meyrick. Fereday, l.c. 366.
hoplodesma, Meyrick. Fereday, l.c. 367; T.E.S. 1901, 574.
chrysogramma, Meyrick. Fereday, l.c. 367.
politis, Meyrick. Fereday, l.c. 367.
nycteris, Meyrick. Fereday, l.c. 367.
actinias, Meyrick. T.E.S. 1901, 574.

Cremnogenes, Meyrick, 1884.

- oxyina*, Meyrick. Fereday, l.c. 367.
aphrontis, Meyrick. Fereday, l.c. 367.
siderodeta, Meyrick. Fereday, l.c. 367.

Family ELACHISTIDÆ.

Vanicela, Walker, 1864.

- disjunctella*, Walker. Fereday, l.c. 372.
xenadelphia, Meyrick. Fereday, l.c. 372.

Stathmopoda, Stainton, 1854.

- holochra*, Meyrick. Fereday, l.c. 372.
phlegra, Meyrick. Fereday, l.c. 372.
campylocha, Meyrick. Fereday, l.c. 372.

- Stathmopoda skelloni**, Butler. *Fereday*, T.N.Z.I. xxx. 372.
epichlora, Meyrick. *Fereday*, l.c. 372.
caminora, Meyrick. *Fereday*, l.c. 372.
aposema, Meyrick. T.E.S. 1901, 575.
mysteriastis, Meyrick. T.E.S. 1901, 575.
- Calicotis**, Meyrick, 1889.
crucifera, Meyrick. *Fereday*, l.c. 372.
- Thylacosceles**, Meyrick, 1889.
acridomima, Meyrick. *Fereday*, l.c. 372.
- Zapyrastra**, Meyrick, 1889.
calliphana, Meyrick. *Fereday*, l.c. 372.
- Limnœcia**, Scudder, 1872.
phragmitella, Stainton. *Fereday*, l.c. 372.
- Syntomactis**, Meyrick, 1889.
deamatella, Walker. *Fereday*, l.c. 372.
- Proterocosma**, Meyrick, 1889.
apparitella, Walker. *Fereday*, l.c. 373.
aellotricha, Meyrick. *Fereday*, l.c. 373.
anarithma, Meyrick. *Fereday*, l.c. 373.
- Elachista**, Treitschke, 1833.
melanura, Meyrick. *Fereday*, l.c. 373.
gerasmia, Meyrick. *Fereday*, l.c. 373.
thallophora, Meyrick. *Fereday*, l.c. 373.
helonoma, Meyrick. *Fereday*, l.c. 373.
exaula, Meyrick. *Fereday*, l.c. 373.
ombrodoca, Meyrick. *Fereday*, l.c. 373.
archæonoma, Meyrick. *Fereday*, l.c. 373.
- Batrachedra**, Stainton, 1854.
eucola, Meyrick. *Fereday*, l.c. 373.
arenosella, Walker. *Fereday*, l.c. 373.
psithyura, Meyrick. *Fereday*, l.c. 373.
tristicta, Meyrick. T.E.S. 1901, 579.
agaura, Meyrick. T.E.S. 1901, 579.
- Endrosis**, Hubner, 1816.
lacteella, Schiff. *Fereday*, l.c. 371.
- Butalis**, Treitschke, 1833.
epistrotta, Meyrick. *Fereday*, l.c. 371.
- Lysiphragma**, Meyrick, 1888.
mixochlora, Meyrick. *Fereday*, l.c. 371.
epixyla, Meyrick. *Fereday*, l.c. 371.
howesii, Quail. T.N.Z.I. xxxiii. 154.

Family PLUTELLIDÆ.

Sub-family GLYPHIPTERYGINÆ.

Heliostribes, Zeller, 1874.*illita*, Felder. Fereday, T.N.Z.I. xxx. 367.*atychioides*, Butler. Fereday, l.c. 367.*electrica*, Meyrick. Fereday, l.c. 367.**Simæthis**, Leach, 1819.*combinatana*, Walker. Meyrick, P.L.S.N.S.W. iv. 213.*microlitha*, Meyrick. Fereday, l.c. 367.*marmarea*, Meyrick. Fereday, l.c. 367.*symbolæa*, Meyrick. Fereday, l.c. 367.**Glyphipteryx**, Zeller, 1839.*trislena*, Meyrick. P.L.S.N.S.W. iv. 234.*euastera*, Meyrick. P.L.S.N.S.W. 236.*asteronocla*, Meyrick. P.L.S.N.S.W. iv. 249.*iocheæra*, Meyrick. P.L.S.N.S.W. iv. 243.*acrothecta*, Meyrick. P.L.S.N.S.W. iv. 244.*astrapæa*, Meyrick. P.L.S.N.S.W. iv. 245.*transversella*, Walker. Meyrick, P.L.S.N.S.W. iv. 246.*zelota*, Meyrick. Fereday, T.N.Z.I. xxx. 367.*acronoma*, Meyrick. Fereday, T.N.Z.I. xxx. 367.*leptosema*, Meyrick. Fereday, T.N.Z.I. xxx. 367.*nephroptera*, Meyrick. Fereday, T.N.Z.I. xxx. 367.**Phryganostola**, Meyrick, 1880.*oxymachæra*, Meyrick. P.L.S.N.S.W. iv. 251.*achlyoessa*, Meyrick. P.L.S.N.S.W. iv. 252.*ataracta*, Meyrick. Fereday, l.c. 368.**Circica**, Meyrick, 1888.*cionophora*, Meyrick. Fereday, l.c. 368.*xestobela*, Meyrick. Fereday, l.c. 368.**Pantosperma**, Meyrick, 1888.*holochalea*, Meyrick. Fereday, l.c. 368.

Sub-family PLUTELLINÆ.

Protosynæma, Meyrick, 1886.*eratospis*, Meyrick. Fereday, l.c. 368.*steropucha*, Meyrick. Fereday, l.c. 368.**Orthenches**, Meyrick, 1886.*chlorocoma*, Meyrick. Fereday, l.c. 368.*prasinodes*, Meyrick. Fereday, l.c. 368.*porphyritis*, Meyrick. Fereday, l.c. 368.**Yponomeuta**, Latreille, 1796.*cuprea*, Meyrick. T.E.S. 1901, 575.

- Plutella*, Schranck, 1802.
sera, Meyrick. *Fereday*, T.N.Z.I. xxx. 368.
psammochroa, Meyrick. *Fereday*, l.c. 368.
antiphona, Meyrick. T.E.S. 1901, 576.
- Dolichermis*, Meyrick, 1891.
chloroleuca, Meyrick. *Fereday*, l.c. 369.
- Compristis*, Meyrick, 1888.
bifaciella, Walker. *Fereday*, l.c. 368.
- Hypeuryntis*, Meyrick, 1897.
coricopa, Meyrick. T.E.S. 1897, 389.
- Eutora*, Meyrick, 1889.
caryochroa, Meyrick. *Fereday*, l.c. 369.
symmophora, Meyrick. *Fereday*, l.c. 369.

Family TINEIDÆ.

Sub-family NEPTICULINÆ.

- Nepticula*, Heyden, 1842.
tricentra, Meyrick. *Fereday*, l.c. 374.
ogygia, Meyrick. *Fereday*, l.c. 374.
propalæa, Meyrick. *Fereday*, l.c. 374.

Sub-family GRACILIARINÆ.

- Gracillaria*, Hawthorn, 1828.
chrysis, Felder. *Fereday*, l.c. 373.
chalcodelta, Meyrick. *Fereday*, l.c. 373.
linearis, Butler. *Fereday*, l.c. 373.
leucocyma, Meyrick. *Fereday*, l.c. 374.
aëllomacha, Meyrick. *Fereday*, l.c. 374.
æthalota, Meyrick. *Fereday*, l.c. 374.
- Coriscium*, Zeller, 1839.
miniellum, Felder. *Fereday*, l.c. 374.
- Conopomorpha*, Meyrick, 1886.
cyanospila, Meyrick. *Fereday*, l.c. 374.

Sub-family ARGYRESTHINÆ.

- Hofmannia*, Heinemann and Wocke, 1876.
sphenota, Meyrick. *Fereday*, l.c. 371.
- Circostola*, Meyrick, 1889.
copidota, Meyrick. *Fereday*, l.c. 371.
- Cateristis*, Meyrick, 1889.
eustyla, Meyrick. *Fereday*, l.c. 371.
- Bedellia*, Stainton, 1849.
psamminella, Meyrick. *Fereday*, l.c. 372.

Sub-family ANAPHORINÆ.

Titanomis, Meyrick, 1888.*sisyrota*, Meyrick. *Fereday*, T.N.Z.I. xxx. 371.

Sub-family LIPUSINÆ.

Scoriodyta, Meyrick, 1888.*conisalia*, Meyrick. *Fereday*, l.c. 370.**Mallobathra**, Meyrick, 1888.*cratæa*, Meyrick. *Fereday*, l.c. 371.*metrosema*, Meyrick. *Fereday*, l.c. 371.*microphanes*, Meyrick. *Fereday*, l.c. 371.*homalopa*, Meyrick. *Fereday*, l.c. 371.

Sub-family TINEINÆ.

Amphixystis, Meyrick, 1901.*hapsimacha*, Meyrick, T.E.S. 1901, 577.**Dryadaula**, Meyrick, 1893.*pactolia*, Meyrick. T.E.S. 1901, 577.**Ereunetis**, Meyrick, 1888.*technica*, Meyrick. *Fereday*, l.c. 369.*exospila*, Meyrick. T.E.S. 1901, 577.**Eschatotypa**, Meyrick, 1880.*melichrysa*, Meyrick, P.L.S.N.S.W. iv. 257.**Erechthias**, Meyrick, 1880.*chasmatis*, Meyrick. P.L.S.N.S.W. iv. 264.*stilbella*, Walker. Meyrick, P.L.S.N.S.W. iv. 265.*charadrota*, Meyrick. P.L.S.N.S.W. iv. 268.*chionodira*, Meyrick. P.L.S.N.S.W. iv. 268.*sub-pavonella*, Walker. Meyrick, P.L.S.N.S.W. iv. 269.*melanotricha*, Meyrick. *Fereday*, l.c. 369.*erebistis*, Meyrick. *Fereday*, l.c. 269.**Decadarchis**, Meyrick, 1891.*monastra*, Meyrick. *Fereday*, l.c. 369.**Endophthora**, Meyrick, 1888.*omogramma*, Meyrick. *Fereday*, l.c. 369.*pharotoma*, Meyrick. *Fereday*, l.c. 369.*mesotypa*, Meyrick. *Fereday*, l.c. 369.*agriopa*, Meyrick. *Fereday*, l.c. 369.**Habrophila**, Meyrick, 1889.*compseuta*, Meyrick. *Fereday*, l.c. 370.**Sagephora**, Meyrick, 1888.*phortegella*, Meyrick. *Fereday*, l.c. 370.*steropastis*, Meyrick. *Fereday*, l.c. 370.

- Blabophanes**, Zeller. Lep. Holland.
ethelella, Newman. Fereday, T.N.Z.I. xxx. 370.
ornithias, Meyrick. Fereday, l.c. 370.

Tinea, Fabricius, 1775.

- grammocoma*, Meyrick. Fereday, l.c. 370.
belonota, Meyrick. Fereday, l.c. 370.
certella, Walker. Fereday, l.c. 370.
mochlota, Meyrick. Fereday, l.c. 370.
terranea, Butler. Fereday, l.c. 370.

Series MICROPTERYGINA.

Family HEPIALIDÆ.

Hepialus, Fabricius, 1776.

- virescens*, Doubleday. Hudson, N.Z. Lep. 129; Fereday,
 l.c. 330; Gossett, T.N.Z.I. xi. 347.

Porina, Walker, 1856.

- dinodes*, Meyrick. Hudson, l.c. 132; Fereday, l.c. 329.
mairi, Buller. Hudson, l.c. 132; Fereday, l.c. 329.
ensyii, Butler. Hudson, l.c. 133; Fereday, l.c. 329.
characterifera, Walker. Hudson, l.c. 133; Fereday, l.c. 329.
cervinata, Walker. Hudson, l.c. 133; Fereday, l.c. 329.
despecta, Walker. Hudson, l.c. 134; Fereday, l.c. 330.
umbraculata, Guenée. Hudson, l.c. 134; Fereday, l.c.
 330; *P. variolaris*, Hutton, T.N.Z.I. ix. 356.
signata, Walker. Hudson, l.c. 134; Fereday, l.c. 330.
variolaris, Guenée. Fereday, l.c. 330.

Family MICROPTERYGIDÆ.

Mnesarchæa, Meyrick, 1886.

- paracoma*, Meyrick. Fereday, l.c. 368.
loxoscia, Meyrick. Fereday, l.c. 368.
hamadelpa, Meyrick. Fereday, l.c. 369.

Palæomicra, Meyrick, 1886.

- chalcophanes*, Meyrick. Fereday, l.c. 369.
chrysargyra, Meyrick. Fereday, l.c. 369.
zonodoxa, Meyrick. Fereday, l.c. 369.
doroxena, Meyrick. Fereday, l.c. 369.

APPENDIX.

The following Butterfly has been found several times in New Zealand, but does not appear to be naturalised:—

- Diadema nerina**, Fabricius. Fereday, l.c. 328; *Anosia bolina*, Hudson, N.Z. Lep. 104.

Order DIPTERA.

Series CYCLORRHAPHA SCHIZOPHORA.

Family TACHINIDÆ.

- Macquartia**, R. Desvoidy, 1830.
subtilis, Hutton. T.N.Z.I. xxxiii. 46.
vexata, Hutton. T.N.Z.I. xxxiii. 46.
- Tryphera**, Meigen, 1838.
sosilus, Walker. Hutton, T.N.Z.I. xxxiii. 47.
- Calcager**, Hutton, 1901.
apertum, Hutton. T.N.Z.I. xxxiii. 48.
turbidum, Hutton. T.N.Z.I. xxxiii. 49.
temerarium, Hutton. T.N.Z.I. xxxiii. 50.
humeratum, Hutton. T.N.Z.I. xxxiii. 50.
- Nemoræa**, R. Desvoidy, 1830.
mestor, Walker. Hutton, T.N.Z.I. xxxiii. 51.
- Hystricia**, Macquart, 1843.
lupina, Swederus. Hutton, T.N.Z.I. xxxiii. 51.
pachyprocta, Nowicki. Hutton, T.N.Z.I. xxxiii. 52.
- Occisor**, Hutton, 1901.
inscitus, Hutton. T.N.Z.I. xxxiii. 52.
versutus, Hutton. T.N.Z.I. xxxiii. 53.
- Tachina**, Meigen, 1803.
clarkii, Hutton. T.N.Z.I. xxxiii. 53.
- Procissio**, Hutton, 1901.
cana, Hutton. T.N.Z.I. xxxiii. 54.
modica, Hutton. T.N.Z.I. xxxiii. 55.
valida, Hutton. T.N.Z.I. xxxiii. 55.
montana, Hutton. T.N.Z.I. xxxiii. 55.
- Peremptor**, Hutton, 1901.
pavida, Hutton. T.N.Z.I. xxxiii. 56.
egmonti, Hutton. T.N.Z.I. xxxiii. 56.
- Cerosomyia**, Hutton, 1901.
usitata, Hutton. T.N.Z.I. xxxiii. 57.
- Phorocera**, R. Desvoidy, 1830.
feredayi, Hutton. T.N.Z.I. xxxiii. 58.
clathrata, Nowicki. Hutton, T.N.Z.I. xxxiii. 58.
nyctemeriana, Hudson. Hutton, T.N.Z.I. xxxiii. 58.
marginata, Hutton. T.N.Z.I. xxxiii. 59.
nefaria, Hutton. T.N.Z.I. xxxiii. 59.
efferata, Hutton. T.N.Z.I. xxxiii. 59.
oratus, Walker. Hutton, T.N.Z.I. xxxiii. 60.
atrox, Hutton. T.N.Z.I. xxxiii. 60.
funesta, Hutton. T.N.Z.I. xxxiii. 60.
perniciosa, Hutton. T.N.Z.I. xxxiii. 60.

Gymnophania, Brauer and Bergenstamm, 1889.
pernix, Hutton. T.N.Z.I. xxxiii. 61.

Phania, Meigen, 1824.
verecunda, Hutton. T.N.Z.I. xxxiii. 61.

Family MUSCIDÆ.

Calliphora, R. Desvoidy, 1830.
quadrifasciata, Swederus. Hutton, T.N.Z.I. xxxiii. 64;
 Travers, T.N.Z.I. iii. 116.
hortona, Walker. Hutton, T.N.Z.I. xxxiii. 65.
icela, Walker. Hutton, T.N.Z.I. xxxiii. 65.
antennatis, Hutton. T.N.Z.I. xxxiii. 65.
læmica, White. Hutton, T.N.Z.I. xxxiii. 66.
eudypti, Hutton. T.N.Z.I. xxxiv. 170.
antipodea, Hutton. T.N.Z.I. xxxiv. 170. 1901

Sepimentum, Hutton, 1901.
fumosum, Hutton. T.N.Z.I. xxxiii. 67.
demissum, Hutton. T.N.Z.I. xxxiii. 67.

Family ANTHOMYIDÆ.

Trichophthicus, Rondani, 1870.
melas, Schiner. Hutton, T.N.Z.I. xxxiii. 70.
dolosus, Hutton. T.N.Z.I. xxxiii. 70.
carbonarius, Hutton. T.N.Z.I. xxxiii. 71.
maculipennis, Hutton. T.N.Z.I. xxxiii. 71.
limpidus, Hutton. T.N.Z.I. xxxiii. 71.
ordinatus, Hutton. T.N.Z.I. xxxiii. 72.
villosus, Hutton. T.N.Z.I. xxxiv. 171. 1901

Limnophora, R. Desvoidy, 1830.
rapax, Hutton. T.N.Z.I. xxxiii. 72.
aucklandica, Hutton. T.N.Z.I. xxxiv. 172. 1901

Homalomyia, Bouché, 1834.
fulvescens, Hutton. T.N.Z.I. xxxiii. 73.
fuliginosa, Hutton. T.N.Z.I. xxxiii. 74.
badia, Hutton. T.N.Z.I. xxxiii. 74.
rava, Hutton. T.N.Z.I. xxxiii. 74.
fraxinea, Hutton. T.N.Z.I. xxxiii. 75.

Exsul, Hutton, 1901.
singularis, Hutton. T.N.Z.I. xxxiii. 75.

Phorbia, R. Desvoidy, 1830.
novæ-zealandiæ, Hutton. T.N.Z.I. xxxiii. 76.

Cœnosia, Meigen, 1826.
spinipes, Walker. Hutton, T.N.Z.I. xxxiii. 76.
smithii, Hutton. T.N.Z.I. xxxiii. 77.
rubriceps, Hutton. T.N.Z.I. xxxiii. 77.

- Cænosia purgatoria*, Hutton. T.N.Z.I. xxxiii. 77.
algivora, Hutton. T.N.Z.I. xxxiii. 78.

Family CORDYLURIDÆ.

- Cordylura*, Fallen, 1819.
debilis, Hutton. T.N.Z.I. xxxiii. 79.

Family PHYCODROMIDÆ.

- Cœlopa*, Meigen, 1830.
littoralis, Hutton. T.N.Z.I. xxxiii. 80.
monstruosa, Hutton. T.N.Z.I. xxxiii. 80.
curvipes, Hutton. T.N.Z.I. xxxiv. 172.
rufa, Hutton. T.N.Z.I. xxxiv. 173.

Family HELOMYZIDÆ.

- Helomyza*, Fallen, 1839.
scutellata, Hutton. T.N.Z.I. xxxiii. 81.
hudsoni, Hutton. T.N.Z.I. xxxiii. 81.

- Heteromyza*, Fallen, 1820.
laquei, Hutton. T.N.Z.I. xxxiv. 173.

- Leria*, R. Desvoidy, 1830.
placata, Hutton. T.N.Z.I. xxxiii. 82.
fulva, Hutton. T.N.Z.I. xxxiii. 82.

Family SCIOMYZIDÆ.

- Sciomyza*, Fallen, 1839.
nigricornis, Macquart. Hutton, T.N.Z.I. xxxiii. 83.

- Tetanocera*, Dumeril, 1809.
rara, Hutton. T.N.Z.I. xxxiii. 84.

- Limnia*, R. Desvoidy, 1830.
sigma, Walker. Hutton, T.N.Z.I. xxxiii. 84.
tranquilla, Hutton. T.N.Z.I. xxxiii. 85.
transmarina, Schiner. Hutton, T.N.Z.I. xxxiii. 85.
obscura, Hutton. T.N.Z.I. xxxiii. 85.

- Trigonometopus*, Macquart, 1835.
bipunctatus, Hutton. T.N.Z.I. xxxiii. 86.

Family SAPROMYZIDÆ.

- Sapromyza*, Fallen, 1820.
dichromata, Walker. Hutton, T.N.Z.I. xxxiii. 87.
sciomyzina, Schiner. Hutton, T.N.Z.I. xxxiii. 87.
decora, Schiner. Hutton, T.N.Z.I. xxxiii. 87.

- Lauxania*, Latreille, 1805.
bilineata, Hutton. T.N.Z.I. xxxiii. 88.
carbonaria, Hutton. T.N.Z.I. xxxiv. 173.

Lonchæa, Fallen, 1820.
aucklandica, Hutton. T.N.Z.I. xxxiv. 173.

Family OPOMYZIDÆ.

Opomyza, Fallen, 1820.
apicalis, Walker. Hutton, T.N.Z.I. xxxiii. 88.

Family PROPHILIDÆ.

Prophila, Fallen, 1820.
smithii, Hutton. T.N.Z.I. xxxiii. 89.

Family EPHYDRINIDÆ.

Ephydra, Fallen, 1813.
aquaria, Hutton. T.N.Z.I. xxxiii. 90.

Domina, Hutton, 1901.
metallica, Hutton. T.N.Z.I. xxxiii. 90.

Family DROSOPHILIDÆ.

Drosophila, Fallen, 1820.
brouni, Hutton. T.N.Z.I. xxxiii. 91.
marmorata, Hutton. T.N.Z.I. xxxiii. 91.
clarkii, Hutton. T.N.Z.I. xxxiii. 91.
enderbyi, Hutton. T.N.Z.I. xxxiv. 174.

Asteia, Meigen, 1818.
levis, Hutton. T.N.Z.I. xxxiv. 175.

Family OSCINIDÆ.

Oscinis, Latreille, 1804.
badia, Hutton. T.N.Z.I. xxxiii. 92.

Family AGROMYZIDÆ.

Agromyza, Fallen, 1823.
australensis, Mik. Hutton, T.N.Z.I. xxxiii. 93.
fulvifrons, Hutton. T.N.Z.I. xxxiii. 93.

Milichia, Meigen, 1830.
picata, Hutton. T.N.Z.I. xxxiv. 195.
littorea, Hutton. T.N.Z.I. xxxiv. 174.

Ochthiphila, Fallen, 1823.
australis, Hutton. T.N.Z.I. xxxiv. 174.

Family BORBORIDÆ.

Borborus, Meigen, 1803.
empiricus, Hutton. T.N.Z.I. xxxiii. 94.

Apterina, Macquart, 1835.
trilineata, Hutton. T.N.Z.I. xxxiii. 93.

Series CYCLORRHAPHA ASCHIZA.

Family SYRPHIDÆ.

Helophilus, Meigen, 1822.*cingulatus*, Fabricius. Hutton, T.N.Z.I. xxxiii. 37.*trilineatus*, Fabricius. Hutton, T.N.Z.I. xxxiii. 38.*vicinus*, Hutton. T.N.Z.I. xxxiii. 38.*antipodus*, Schiner. Hutton, T.N.Z.I. xxxiii. 38.*ineptus*, Walker. Hutton, T.N.Z.I. xxxiii. 39.*chathamensis*, Hutton. T.N.Z.I. xxxiii. 39.*campbellicus*, Hutton. T.N.Z.I. xxxiv. 170.*latifrons*, Schiner. Hutton, T.N.Z.I. xxxiii. 39.**Milesia**, Latreille, 1802.*bilineata*, Walker. Hutton, T.N.Z.I. xxxiii. 40.**Syrphus**, Fabricius, 1775.*novæ-zealandiæ*, Macquart. Hutton, T.N.Z.I. xxxiii. 40.*ortas*, Walker. Hutton, T.N.Z.I. xxxiii. 41.*ropalus*, Walker. Hutton, T.N.Z.I. xxxiii. 41.*obesus*, Hutton. T.N.Z.I. xxxiii. 41.**Melanostoma**, Schiner, 1860.*fasciatum*, Macquart. Hutton, T.N.Z.I. xxxiii. 42.*apertum*, Hutton. T.N.Z.I. xxxiii. 42.*decessum*, Hutton. T.N.Z.I. xxxiii. 43.

Series ORTHORRAPHA BRACHYCERA.

Family DOLICHOPODIDÆ.

Psilopus, Meigen, 1824.*mobilis*, Hutton. T.N.Z.I. xxxiii. 32.*fuscatus*, Hutton. T.N.Z.I. xxxiii. 32.*restrictus*, Hutton. T.N.Z.I. xxxiii. 33.*malitiosus*, Hutton. T.N.Z.I. xxxiii. 33.*gemmatus*, Walker. Hutton, T.N.Z.I. xxxiii. 33.**Liancalus**, Loëw, 1857.*vagus*, Hutton. T.N.Z.I. xxxiii. 34.**Ostenia**, Hutton, 1901.*robusta*, Hutton. T.N.Z.I. xxxiii. 34.

Family EMPIDÆ.

Empis, Linnæus, 1767.*hudsoni*, Hutton. T.N.Z.I. xxxiii. 30.*smithii*, Hutton. T.N.Z.I. xxxiii. 30.*brouni*, Hutton. T.N.Z.I. xxxiii. 30.**Hilara**, Meigen, 1822.*fulvipes*, Hutton. T.N.Z.I. xxxiii. 31.**Clinocera**, Meigen, 1822.*fumosa*, Hutton. T.N.Z.I. xxxiii. 31.

Family CYRTIDÆ.

- Apsoma**, Westwood, 1876.
muscaria, Westwood. Hutton, T.N.Z.I. xxxiii. 28.
- Helle**, Osten-Sacken. 1896.
longirostris, Hudson. Hutton, T.N.Z.I. xxxiii. 28.
- Henops**, Illiger, 1806.
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- Tæniorhynchus**, Arribalzaga, 1899.
acer, Walker. Theobald, Mon. Culicidæ B.M. ii. 211.
iracundus, Walker. Theobald, Mon. Culicidæ B.M. ii. 47.
- Uranotænia**, Arribalzaga, 1899.
argyropus, Walker. Theobald, Mon. Culicidæ B.M. ii. 264.
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- Pericoma**, Walker, 1856.
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Family PULICIDÆ.

- Pulex**, Linnæus, 1735.
kerguelensis, Rothschild. Nov. Zool. ii. 66 (1895).

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Series LAMELLICORNIA.

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- Lissotes**, Westwood, 1855.
reticulatus, Westwood. Man. N.Z. Coleop. 255, No. 450.
rufipes, Sharp. Man. N.Z. Coleop. 1109, No. 1967.
elegans, Broun. Man. N.Z. Coleop. 1110, No. 1968.
squamidorsis, White. Man. N.Z. Coleop. 251, No. 442.
punctulatus, White. Man. N.Z. Coleop. 251, No. 443.
planus, Broun. Man. N.Z. Coleop. 252, No. 444.
stewarti, Broun. Man. N.Z. Coleop. 673, No. 1174.
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abditus, Broun. Man. N.Z. Coleop. 673, No. 1175.
demaresti, Deyrolle. Ann. Soc. Ent. France, 1881, 239.
helmsi, Sharp. Man. N.Z. Coleop. 770, No. 1365.

- Lissotes ithaginis**, Broun. Man. N.Z. Coleop. 1108, No. 1966.
æmulus, Broun. Man. N.Z. Coleop. 1109, No. 2322.
acmenus, Lewis. T.N.Z.I. vol. xxxiv. 203.
menalcas, Westwood. N.Z. Jour. Sci. ii. 221.
- Ceratognathus**, Westwood, 1838.
helotoides, Thomson. Man. N.Z. Coleop. 254, No. 449.
alboguttatus, Bates. Man. N.Z. Coleop. 253, No. 447.
dispar, Sharp. Man. N.Z. Coleop. 1111, No. 1969.
- Mitophyllus**, Parry, 1845.
irroratus, Parry. Man. N.Z. Coleop. 253, No. 445.
parryanus, Hope. Man. N.Z. Coleop. 253, No. 446.
marmoratus, Watson. Ent. Mo. Mag. xi. 8.
foveolatus, Broun. Man. N.Z. Coleop. 253, No. 448.
macrocerus, Broun. Man. N.Z. Coleop. 837, No. 1488.
gibbosus, Broun. Man. N.Z. Coleop. 928, No. 1666.
tuberculatus, Broun. Man. N.Z. Coleop. 1111, No. 1970.
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- Dendroblax**, White, 1836.
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- Saphobius**, Sharp, 1873.
edwardsi, Sharp. Man. N.Z. Coleop. 256, No. 451.
wakefieldi, Sharp. Man. N.Z. Coleop. 256, No. 452.
nitidulus, Broun. Man. N.Z. Coleop. 256, No. 453.
squamulosus, Broun. Man. N.Z. Coleop. 954, No. 1720.
inflatipes, Broun. Man. N.Z. Coleop. 1112, No. 1971.
fuscus, Broun. Man. N.Z. Coleop. 1113, No. 1972.
setosus, Sharp. Man. N.Z. Coleop. 1113, No. 1973.
fulvipes, Broun. Man. N.Z. Coleop. 1114, No. 1974.
curvipes, Broun. Man. N.Z. Coleop. 1349, No. 2365.
tibialis, Broun. A.M.N.H. 6, xv. 198.

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candens, Broun. Man. N.Z. Coleop. 258, No. 455.
suspectus, Sharp. Man. N.Z. Coleop. 259, No. 456.
pascoei, Sharp. Man. N.Z. Coleop. 259, No. 457.
communis, Broun. Man. N.Z. Coleop. 260, No. 458.
brouni, Sharp. Man. N.Z. Coleop. 260, No. 459.
fortipes, Broun. Man. N.Z. Coleop. 954, No. 1721.
distanis, Sharp.

Phycochus, Broun, 1886.

graniceps, Broun. Man. N.Z. Coleop. 771, No. 1366.

lobatus, Broun. Man. N.Z. Coleop. 1114, No. 1975.

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Stethaspis, Hope, 1837.

suturalis, Hope. Man. N.Z. Coleop. 261, No. 460.

prasinus, Broun. Man. N.Z. Coleop. 1115, No. 1976.

Costleya, Broun, 1886.

discoidea, Broun. Man. N.Z. Coleop. 1116, No. 1977.

Pœcilodiscus, Broun, 1895.

pulcher, Broun. A.M.N.H. 6, xv. 202.

Scythrodes, Broun, 1886.

squalidus, Broun. Man. N.Z. Coleop. 955, No. 1722.

Xylostygnus, Broun, 1886.

piceus, Broun. Man. N.Z. Coleop. 956, No. 1723.

Psilodontria, Broun, 1895.

viridescens, Broun. A.M.N.H. 6, xv. 201.

Pyronota, Hope, 1837.

festiva, Fabricius. Man. N.Z. Coleop. 262, No. 461.

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sobrina, Sharp. Man. N.Z. Coleop. 263, No. 463.

munda, Sharp. Man. N.Z. Coleop. 264, No. 464.

electa, Broun. Man. N.Z. Coleop. 1116, No. 1978.

regalis, Broun. Man. N.Z. Coleop. 1116, No. 1979.

dives, Broun. Man. N.Z. Coleop. 1117, No. 1980.

aurata, Broun. Man. N.Z. Coleop. 1117, No. 1981.

purpurata, Broun. Man. N.Z. Coleop. 1117, No. 1982.

cærulea, Broun. Man. N.Z. Coleop. 1117, No. 1983.

lugubris, Sharp. Man. N.Z. Coleop. 1118, No. 1984.

pallida, Broun. Man. N.Z. Coleop. 1118, No. 1985.

Heteronyx, Guerin-Meneville, 1830.

pumilus, Sharp. Man. N.Z. Coleop. 264, No. 465.

Eusoma, White, 1846.

rossii, White. Man. N.Z. Coleop. 268, No. 472.

costella, Broun. Man. N.Z. Coleop. 269, No. 473.

Sericospilus, Sharp, 1882.

advena, Sharp. Man. N.Z. Coleop. 1119, No. 1987.

Odontria, White, 1846.

striata, White. Man. N.Z. Coleop. 265, No. 466.

suavis, Broun. Man. N.Z. Coleop. 266, No. 467.

- Odontria punctulata**, Broun. Man. N.Z. Coleop. 266, No. 468.
cinnamonea, White. Man. N.Z. Coleop. 267, No. 469.
xanthosticta, White. Man. N.Z. Coleop. 267, No. 470.
sandageri, Broun. Man. N.Z. Coleop. 929, No. 1667.
albonotata, Broun. Man. N.Z. Coleop. 1118, No. 1986.
smithii, Broun. Man. N.Z. Coleop. 1450, No. 2514.
piciceps, Broun. Man. N.Z. Coleop. 1450, No. 2515.
occiputalis, Broun. Man. N.Z. Coleop. 1451, No. 2516.
marmorata, Broun. Man. N.Z. Coleop. 1451, No. 2517.
fusca, Broun. Man. N.Z. Coleop. 1452, No. 2518.
glabrata, Broun. Man. N.Z. Coleop. 1452, No. 2519.
obscura, Broun. A.M.N.H. 6, xv. 203.
zealandica, White. Man. N.Z. Coleop. 270, No. 474.
brunnea, Broun. Man. N.Z. Coleop. 270, No. 475.
sylvatica, Broun. Man. N.Z. Coleop. 268, No. 471.

Family DYNASTIDÆ.

- Pericoptus**, Burmeister, 1847.
truncatus, Fabricius. Man. N.Z. Coleop. 271, No. 476.
punctatus, White. Man. N.Z. Coleop. 272, No. 477.
stupidus, Sharp. Man. N.Z. Coleop. 272, No. 478.
nitidulus, Broun. Man. N.Z. Coleop. 273, No. 479.

Series ADEPHAGA.

Family CICINDELIDÆ.

- Cicindela**, Linnaeus, 1735.
tuberculata, Fabricius. Man. N.Z. Coleop. 2, No. 1.
huttoni, Broun. Man. N.Z. Coleop. 2, No. 2.
laticincta, White. Man. N.Z. Coleop. 3, No. 3.
wakefieldi, Bates. Man. N.Z. Coleop. 3, No. 4.
douei, Chenu. Man. N.Z. Coleop. 3, No. 5.
parryi, White. Man. N.Z. Coleop. 4, No. 6.
dunedinensis, Castelnau. Man. N.Z. Coleop. 4, No. 7.
feredayi, Bates. Man. N.Z. Coleop. 4, No. 8.
austromontana, Bates. Man. N.Z. Coleop. 5, No. 10.
perhispida, Broun. Man. N.Z. Coleop. 4, No. 9.
campbelli, Broun. Man. N.Z. Coleop. 817, No. 1451.
helmsi, Sharp. Man. N.Z. Coleop. 975, No. 1757.
incognita, Horn. Deutsche Ent. Zeit. 1892, 82.
novaseelandica, Horn. Deutsche Ent. Zeit. 1892, 83.
circumpictoides, Horn. Deutsche Ent. Zeit. 1900, 207.

Family CARABIDÆ.

Sub-family MIGADOPINÆ.

- Amarotypus**, Bates, 1872.
edwardsi, Bates. Man. N.Z. Coleop. 6, No. 11.

Sub-family SCARILINÆ.

Clivina, Latreille, 1810.*rugithorax*, Putzeys. Man. N.Z. Coleop. 7, No. 12.

Sub-family CNEMACANTHINÆ.

Mecodema, Blanchard, 1853.*sculpturatum*, Blanchard. Man. N.Z. Coleop. 8, No. 13.*howittii*, Castelnau. Man. N.Z. Coleop. 8, No. 14.*rectolineatum*, Castelnau. Man. N.Z. Coleop. 8, No. 15.*impressum*, Castelnau. Man. N.Z. Coleop. 9, No. 16.*lucidum*, Castelnau. Man. N.Z. Coleop. 9, No. 17.*crenicolle*, Castelnau. Man. N.Z. Coleop. 9, No. 18.*simplex*, Castelnau. Man. N.Z. Coleop. 9, No. 19.*alternans*, Castelnau. Man. N.Z. Coleop. 10, No. 20.*crenaticolle*, Redtenbacher. Man. N.Z. Coleop. 10, No. 21.*spinifer*, Broun. Man. N.Z. Coleop. 10, No. 22.*fulgidum*, Broun. Man. N.Z. Coleop. 653, No. 1142.*constrictum*, Broun. Man. N.Z. Coleop. 653, No. 1143.*rugicolle*, Broun. Man. N.Z. Coleop. 745, No. 1322.*venator*, Broun. Man. N.Z. Coleop. 817, No. 1452.*litoreum*, Broun. Man. N.Z. Coleop. 875, No. 1557a.*ducale*, Sharp. Man. N.Z. Coleop. 976, No. 1758.*rugiceps*, Sharp. Man. N.Z. Coleop. 976, No. 1759;
N.Z.J.S. i. 215.*metallicum*, Sharp. Man. N.Z. Coleop. 977, No. 1760.*suteri*, Broun. Man. N.Z. Coleop. 977, No. 1761.*scitulum*, Broun. A.M.N.H. 6, xiv. 302.*lineatum*, Broun. A.M.N.H. 6, xiv. 303.*punctifer*, Broun. Man. N.Z. Coleop. 745, No. 1323.*æneoniger*, Broun. Man. N.Z. Coleop. 818, No. 1453.*bullatum*, Lewis. T.N.Z.I. xxxiv. 202.*infimate*, Lewis. T.N.Z.I. xxxiv. 202.**Metaglymma**, Bates, 1867.*tibiale*, Castelnau. Man. N.Z. Coleop. 11, No. 23.*monilifer*, Bates. Man. N.Z. Coleop. 11, No. 24.*punctatum*, Putzeys. Man. N.Z. Coleop. 11, No. 25.*morio*, Castelnau. Man. N.Z. Coleop. 11, No. 26.*elongatum*, Castelnau. Man. N.Z. Coleop. 12, No. 27.*aberrans*, Putzeys. Man. N.Z. Coleop. 12, No. 28.*dyschirioides*, Castelnau. Man. N.Z. Coleop. 12, No. 30.*oblongum*, Broun. Man. N.Z. Coleop. 746, No. 1324.*asperum*, Broun. Man. N.Z. Coleop. 978, No. 1762.*junctum*, Broun. Man. N.Z. Coleop. 979, No. 1763.*sulcatum*, Sharp. Man. N.Z. Coleop. 979, 1764.*tersatum*, Broun. Man. N.Z. Coleop. 980, No. 1765.*rugipenne*, Broun. Man. N.Z. Coleop. 1321, No. 2323.*thoracicum*, Broun. Man. N.Z. Coleop. 1322, No. 2324.

Metaglymma modicum, Broun. A.M.N.H. 6, xiv. 305.
oregoide, Broun. A.M.N.H. 6, xiv. 305.
rufipes, Broun. Man. N.Z. Coleop. 876, No. 1558.

Oregus, Putzeys, 1868.
æreus, White. Man. N.Z. Coleop. 13, No. 31.
inæqualis, Castelnau. Man. N.Z. Coleop. 13, No. 32.

Brullea, Castelnau, 1867.
antarctica, Castelnau. Man. N.Z. Coleop. 14, No. 33.

Diglymma, Sharp, 1886.
ovipenne, Sharp. Man. N.Z. Coleop. 981, No. 1766.
dubium, Sharp. Man. N.Z. Coleop. 981, No. 1767.
punctipenne, Broun. Man. N.Z. Coleop. 982, No. 1768.
ningripes, Broun. Man. N.Z. Coleop. 982, No. 1769.
obtusum, Broun. Man. N.Z. Coleop. 819, No. 1454.
clivinoides, Castelnau. Man. N.Z. Coleop. 12, No. 29.

Acallistus, Sharp, 1886.
simplex, Sharp. Man. N.Z. Coleop. 983, No. 1770.

Sub-family LICININÆ.

Rembus, Latreille, 1822.
zeelandicus, Redtenbacher. Man. N.Z. Coleop. 15, No. 34.

Physolæsthus, Chaudoir, 1850.
insularis, Bates. Man. N.Z. Coleop. 15, No. 35.
limbatus, Bates. Man. N.Z. Coleop. 17, No. 39.

Sub-family ANCHOMENINÆ.

Dichrochile, Guérin, 1846.
subopaca, Bates. Man. N.Z. Coleop. 16, No. 36.
aterrima, Bates. Man. N.Z. Coleop. 16, No. 37.
ovicollis, Motschulsky. Man. N.Z. Coleop. 16, No. 38.
maura, Broun. Man. N.Z. Coleop. 18, No. 40.
nitida, Broun. Man. N.Z. Coleop. 746, No. 1325.
cinctiger, Broun. Man. N.Z. Coleop. 747, No. 1326.
cephalotes, Broun. A.M.N.H. 6, xiv. 306.
fabrei, Guérin. Ann. Fr. 1846, Bull. 103.
anthracina, Broun. A.M.N.H. 6, xii. 161.

Calathus, Bonelli, 1809.
rubromarginatus, Blanchard. Voy. Pole Sud, Zool. iv. 624.

Anchomenus, Bonelli, 1809.
novæ-zealandiæ, Fairmaire. Ann. Soc. Ent. 1843.
elevatus, White. Man. N.Z. Coleop. 21, No. 45; N.Z.J.S.
 ii. 297.
montivagus, Broun. Man. N.Z. Coleop. 22, No. 46.
feredayi, Bates. Man. N.Z. Coleop. 23, No. 48.
lawsoni, Bates. Man. N.Z. Coleop. 23, No. 49.

- Anchomenus submetallicus**, White. Man. N.Z. Coleop. 24, No. 50.
deplanatus, White. Man. N.Z. Coleop. 25, No. 53.
colenstonis, White. Man. N.Z. Coleop. 25, No. 55.
otagoensis, Bates. Man. N.Z. Coleop. 25, No. 54; N.Z.J.S. ii. 298.
edwardsi, Bates. Man. N.Z. Coleop. 26, No. 56.
sulcitaris, Broun. Man. N.Z. Coleop. 27, No. 58.
helmsi, Sharp. Man. N.Z. Coleop. 749, No. 1328.
haasti, Broun. Man. N.Z. Coleop. 747, No. 1327.
sandageri, Broun. Man. N.Z. Coleop. 748, No. 46a.
oreobius, Broun. Man. N.Z. Coleop. 876, No. 1559.
atratus, Blanchard. Voy. Pole Sud, iv. 21.
raptor, Redtenbacher. Reise Novara, Coleop. 18.
marginellus, Erichson. Archives, 1842, 130.
- Ctenognathus**, Fairmaire, 1843.
latipennis, Sharp. Man. N.Z. Coleop. 984, No. 45.
parabilis, Broun. Man. N.Z. Coleop. 20, No. 43.
politulus, Broun. Man. N.Z. Coleop. 20, No. 46.
batesi, Broun. Man. N.Z. Coleop. 20, No. 44.
deformipes, Broun. Man. N.Z. Coleop. 20, No. 42.
cheesemani, Broun. Man. N.Z. Coleop. 20, No. 57.
suborbithorax, Broun. Man. N.Z. Coleop. 20, No. 51.
perrugithorax, Broun. Man. N.Z. Coleop. 20, No. 52.
lucifugus, Broun. Man. N.Z. Coleop. 20, No. 1455.
adamsi, Broun. Man. N.Z. Coleop. 20, No. 1686.
pictonensis, Sharp. Man. N.Z. Coleop. 985, No. 1772.
bidens, Chaudoir. Ann. Soc. Ent. Fr. 1875, 303.
munroi, Broun. Man. N.Z. Coleop. 984, No. 1771.
actochares, Broun. A.M.N.H. 6, xiv. 307.
novæ-zealandiæ, Fairmaire. Ann. Soc. Ent. Fr. 1843, 12.
neozealandicus, Chaudoir. Ann. Soc. Ent. Fr. 1875, 294.
crenatus, Chaudoir. Ann. Soc. Ent. Fr. 1875, 304.
cardiophorus, Chaudoir. Ann. Soc. Ent. Fr. 1875, 305.
macropterus, Chaudoir. Ann. Soc. Ent. Fr. 1875, 370.
- Heterodactylus**, Guérin, 1841.
nebrioides, Guérin. Rev. Zool. 1841.
castaneus, Blanchard. Voy. Pol. Sud, Zool. iv. 23.
- Pristancylus**, Blanchard, 1853.
brevis, Blanchard. Voy. Pole Sud, Zool. iv. 23.
- Drimostoma**, Dejean, 1831.
antarctica, Castelnau. Man. N.Z. Coleop. 30, No. 63.
- Sub-family FERONINÆ.
- Prosopogmus**, Chaudoir, 1865.
impressifrons, Chaudoir. Man. N.Z. Coleop. 30, No. 64.

Trichosternus, Chaudoir, 1865.

- antarcticus, Chaudoir. Man. N.Z. Coleop. 31, No. 65.
 guerinii, Chaudoir. Man. N.Z. Coleop. 32, No. 66.
 capito, White. Man. N.Z. Coleop. 32, No. 67.
 sylvius, Bates. Man. N.Z. Coleop. 35, No. 72.
 aucklandicus, Broun. Man. N.Z. 33, No. 68.
 difformipes, Bates. Man. N.Z. Coleop. 33, No. 69.
 lobipes, Bates. Man. N.Z. Coleop. 34, No. 70.
 temukensis, Bates. Man. N.Z. Coleop. 34, No. 71.
 rectangulus, Chaudoir. Man. N.Z. Coleop. 35, No. 73.
 planiusculus, White. Man. N.Z. Coleop. 36, No. 75.
 humeralis, Broun. Man. N.Z. Coleop. 750, No. 1332.
 enysi, Broun. Man. N.Z. Coleop. 752, No. 1334.
 cephalotes, Broun. Man. N.Z. Coleop. 825, No. 1466.
 alternus, Broun. Man. N.Z. Coleop. 877, No. 1560.
 urquharti, Broun. Man. N.Z. Coleop. 877, No. 1561.
 virens, Broun. Man. N.Z. Coleop. 937, No. 1687.
 compressus, Sharp. Man. N.Z. Coleop. 987, No. 1774.
 polychætus, Broun. Man. N.Z. Coleop. 987, No. 1775.
 smithii, Broun. Man. N.Z. Coleop. 1322, No. 2325.
 hampdenensis, Broun. Man. N.Z. Coleop. 1323, No. 2326.
 crassalis, Broun. Man. N.Z. Coleop. 1395, No. 2434.

Zeopœcilus, Sharp, 1886.

- calcaratus, Sharp. Man. N.Z. Coleop. 989, No. 1778.
 achilles, Sharp. Man. N.Z. Coleop. 990, No. 1779.
 putus, Broun. Man. N.Z. Coleop. 750, No. 1330.
 opulentus, Broun. Man. N.Z. Coleop. 820, No. 1457.

Pterostichus, Bonelli, 1809.

Species like Trichosternus, but without prosternal setæ:—

- fultoni, Broun. Man. N.Z. Coleop. 751, No. 1333.
 waihorensis, Broun. Man. N.Z. Coleop. 821, No. 1458.
 monticola, Broun. Man. N.Z. Coleop. 821, No. 1459.
 æruginosus, Broun. Man. N.Z. Coleop. 822, No. 1460.
 asperatus, Broun. Man. N.Z. Coleop. 822, No. 1461.
 chloris, Broun. Man. N.Z. Coleop. 823, No. 1462.
 grassator, Broun. Man. N.Z. Coleop. 823, No. 1463.
 amicus, Broun. Man. N.Z. Coleop. 824, No. 1464.
 fusulus, Broun. Man. N.Z. Coleop. 824, No. 1465.
 curvipes, Broun. Man. N.Z. Coleop. 878, No. 1562.
 optabilis, Broun. Man. N.Z. Coleop. 913, No. 1634.
 meritus, Broun. Man. N.Z. Coleop. 914, No. 1635.
 angulatus, Broun. Man. N.Z. Coleop. 914, No. 1636.
 meliusculus, Broun. Man. N.Z. Coleop. 915, No. 1637.
 agriolis, Broun. Man. N.Z. Coleop. 915, No. 1638.
 erraticus, Broun. Man. N.Z. Coleop. 915, No. 1639.
 deceptus, Broun. Man. N.Z. Coleop. 916, No. 1640.

Pterostichus curtulus, Broun. Man. N.Z. Coleop. 916, No. 1641.

- susplicax**, Broun. Man. N.Z. Coleop. 917, No. 1642.
amplicollis, Broun. Man. N.Z. Coleop. 918, No. 1643.
sandageri, Broun. Man. N.Z. Coleop. 988, No. 1776.
haplopus, Broun. Man. N.Z. Coleop. 1323, No. 2327.
vagans, Broun. Man. N.Z. Coleop. 825, No. 1467.
arduus, Broun. Man. N.Z. Coleop. 1395, No. 2435.
dentiferus, Broun. Man. N.Z. Coleop. 36, No. 76.

Holcaspis, Chaudoir, 1843.

Thorax with two setæ on each side :—

- prolixus**, Broun. Man. N.Z. Coleop. 35, No. 74.
integratus, Bates. Man. N.Z. Coleop. 40, No. 83.
cavelli, Broun. Man. N.Z. Coleop. 991, No. 1780.
procerulus, Broun. Man. N.Z. Coleop. 827, No. 1471.
ovatellus, Chaudoir. Man. N.Z. Coleop. 39, No. 82.
placidulus, Broun. Man. N.Z. Coleop. 658, No. 1150.
impiger, Broun. Man. N.Z. Coleop. 879, No. 1563.
mordax, Broun. Man. N.Z. Coleop. 938, No. 1688.
longiformis, Sharp. Man. N.Z. Coleop. 991, No. 1781.
sternalis, Broun. Man. N.Z. Coleop. 658, No. 1149.
oscillator, Sharp. Man. N.Z. Coleop. 995, No. 1786.
perfidiosus, Broun. Man. N.Z. Coleop. 995, No. 1787.
hunuensis, Broun. Man. N.Z. Coleop. 996, No. 1788.
maorinus, Bates. Man. N.Z. Coleop. 41, No. 88.
disparalis, Broun. Man. N.Z. Coleop. 1324, No. 2328.
edax, Broun. Man. N.Z. Coleop. 1326, No. 2332.
arduus, Broun. Man. N.Z. Coleop. 1395, No. 2435.
scitipennis, Broun. Man. N.Z. Coleop. 1396, No. 2436.
sharpianus, Broun. A.M.H.N. 6, xii. 163.

Thorax with three setæ on each side :—

elongellus, White.

Thorax with four setæ on each side :—

- hispidulus**, Broun. Man. N.Z. Coleop. 40, No. 84.
cribralis, Broun. Man. N.Z. Coleop. 752, No. 1335.
myrmidon, Sharp. Man. N.Z. Coleop. 993, No. 1783.
hybridus, Broun. Man. N.Z. Coleop. 826, No. 1469.
præcox, Broun. Man. N.Z. Coleop. 827, No. 1470.
brounianus, Sharp. Man. N.Z. Coleop. 992, No. 1782.
constrictellus, Sharp. Man. N.Z. Coleop. 994, No. 1784.
detractus, Broun. Man. N.Z. Coleop. 996, No. 1789.
subæneus, Guérin. Man. N.Z. Coleop. 38, No. 79.
ædicnemus, Bates. Man. N.Z. Coleop. 39, No. 80.
pastoricus, Broun. Man. N.Z. Coleop. 994, No. 1785.
inconstans, Broun. Man. N.Z. Coleop. 999, No. 1793.

Holcaspis egmontensis, Broun. Man. N.Z. Coleop 997,
No. 1790.

irregularis, Broun. Man. N.Z. Coleop. 998, No. 1791.

suteri, Broun. Man. N.Z. Coleop. 1324, No. 2329.

sinuellus, Broun. Man. N.Z. Coleop. 1325, No. 2330.

delator, Broun. Man. N.Z. Coleop. 1397, No. 2437.

rugifrons, Sharp. Man. N.Z. Coleop. 1397, No. 2438.

ithaginis, Broun. A.M.N.H. 6, xii. 162.

obsoletus, Broun. A.M.N.H. 6, xii. 163.

lewisi, Broun. A.M.N.H. 6, xiv. 310.

Thorax with five or more setæ on each side:—

catenulatus, Broun. Man. N.Z. Coleop. 753, No. 1336.

mucronatus, Broun. Man. N.Z. Coleop. 826, No. 1468.

insidiosus, Broun. Man. N.Z. Coleop. 999, No. 1792.

sculptipes, Broun. Man. N.Z. Coleop. 1325, No. 2331.

Species of doubtful position:—

thoracicus, Broun. Man. N.Z. Coleop. 657, No. 1148.

angustulus, Chaudoir. Man. N.Z. Coleop. 38, No. 77.

sylvaticus, Chaudoir. Man. N.Z. Coleop. 38, No. 78.

vigil, White. Man. N.Z. Coleop. 41, No. 85.

politissima, White. Man. N.Z. Coleop. 41, No. 86.

pellax, White. Man. N.Z. Coleop. 657, No. 1147.

reflexum, Chaudoir. Bull. Mosc. xxxviii. 74.

convexidorsis, Tschitschérine. Hor. Ent. Ross, 1891, 166.

Alogus, Motschulsky, 1865.

monachicus, Motschulsky. Man. N.Z. Coleop. 44, No. 92.

Cerabilia, Castlenau, 1868.

maori, Castlenau. Man. N.Z. Coleop. 44, No. 93.

punctigera, Broun. Man. N.Z. Coleop. 753, No. 1337.

ruficornis, Broun. Man. N.Z. Coleop. 754, No. 1338.

Rhytisternus, Chaudoir, 1865.

rugifrons, Broun. Man. N.Z. Coleop. 41, No. 87.

erythrognathus, Broun. Man. N.Z. Coleop. 986, No. 1773.

Steropus, Megerle, 1821.

helmsi, Sharp. Man. N.Z. Coleop. 989, No. 1777.

Argutor, Megerle, 1837.

erythropus, Blanchard. Man. N.Z. Coleop. 42, No. 89.

piceus, Blanchard. Man. N.Z. Coleop. 43, No. 90.

pantomelas, Blanchard. Voy. Pole Sud, Zool. iv. 27.

calathoides, Broun. Man. N.Z. Coleop. 879, No. 1564.

Sub-family ANISODACTYLINÆ.

Triplosarus, Bates, 1874.

fulvescens, Bates. Man. N.Z. Coleop. 45, No. 94.

novæ-zealandiæ, Castelnau. Man. N.Z. Coleop. 659,
No. 1151.

Lecanomerus, Chaudoir, 1850.

- latimanus*, Bates. Man. N.Z. Coleop. 45, No. 95.
insignitus, Broun. Man. N.Z. Coleop. 47, No. 96.
obesulus, Bates. Man. N.Z. Coleop. 47, No. 97.
fuliginosus, Broun. Man. N.Z. Coleop. 48, No. 98.
fallax, Broun. Man. N.Z. Coleop. 48, No. 99.
stenopus, Broun. Man. N.Z. Coleop. 880, No. 1565.
marginatus, Sharp. Man. N.Z. Coleop. 1000, No. 1794.
pallipes, Broun. A.M.N.H. 6, xiv. 379.

Zabronothus, Broun, 1893.

- striatulus*, Broun. Man. N.Z. Coleop. 1327, No. 2333.
rufipes, Broun. Man. N.Z. Coleop. 1328, No. 2334.

Hypharpax, MacLeay, 1825.

- antarcticus*, Castelnau. Man. N.Z. Coleop. 49, No. 100.
abstrusus, Bates. Man. N.Z. Coleop. 49, No. 101.

Syllectus, Bates, 1878.

- anomalus*, Bates. Man. N.Z. Coleop. 52, No. 102.

Sub-family HARPALINÆ.

Harpalus, Latreille, 1804.

- novæ-zealandiæ*, Castelnau. Trans. R. Soc. Vict. 1867,
 108.
antarcticus, Castelnau. Trans. R. Soc. Vict. 1867, 107.

Euthenarus, Bates, 1874.

- brevicollis*, Bates. Man. N.Z. Coleop. 53, No. 103.
puncticollis, Bates. Man. N.Z. Coleop. 53, No. 104.
cilicollis, Broun. T.N.Z.I. xxxiv. 176.
huttoni, Broun. T.N.Z.I. xxxiv. 177.

Sub-family ZOLINÆ.

Zolus, Sharp, 1886.

- helmsi*, Sharp. Man. N.Z. Coleop. 1001, No. 1795.
atratus, Broun. Man. N.Z. Coleop. 1002, No. 1796.
femoralis, Broun. A.M.N.H. 6, xiv. 311.
carinatus, Broun. Man. N.Z. Coleop. 754, No. 1339.

Megadromus, Motschulsky, 1865.

- viridilimbatus*, Motschulsky. Bull. Mosc. iv. 251.

Sub-family POGONINÆ.

Oöpterus, Guérin, 1841.

- laevicollis*, Bates. Man. N.Z. Coleop. 54, No. 105.
patulus, Broun. Man. N.Z. Coleop. 655, No. 1145.
fulvipes, Broun. Man. N.Z. Coleop. 936, No. 1684.
sobrinus, Broun. Man. N.Z. Coleop. 936, No. 1685.
collaris, Broun. Man. N.Z. Coleop. 1002, No. 1797.
pallidipes, Broun. Man. N.Z. Coleop. 1003, No. 1798.

- Oöpterus puncticeps**, Broun. Man. N.Z. Coleop. 1398, No. 2440.
clivinoides, Guérin. Voy. Pole Sud, Zool. iv. 43.
plicaticollis, Blanchard. Voy. Pole Sud, Zool. iv. 44.
- Cyclothorax**, MacLeay, 1873.
rotundicollis, White. Man. N.Z. Coleop. 54, No. 105.
insularis, Motschulsky. Man. N.Z. Coleop. 29, No. 62.
- Tarastethus**, Sharp, 1883.
puncticollis, Sharp. Man. N.Z. Coleop. 1004, No. 1799.
læviventris, Sharp. Man. N.Z. Coleop. 1004, No. 1800.
alpinalis, Broun. Man. N.Z. Coleop. 1005, No. 1801.
debilis, Sharp. Man. N.Z. Coleop. 1005, No. 1802.
cinctus, Broun. Man. N.Z. Coleop. 1005, No. 1803.
sulcicollis, Bates. Man. N.Z. Coleop. 28, No. 59.
seriatoporus, Bates. Man. N.Z. Coleop. 28, No. 60.
placens, Broun. Man. N.Z. Coleop. 28, No. 61.
- Sympiestus**, Sharp, 1866.
syntheticus, Sharp. Man. N.Z. Coleop. 1006, No. 1804.
fallax, Broun. Man. N.Z. Coleop. 1007, No. 1805.
oculator, Broun. Man. N.Z. Coleop. 1398, No. 2439.
modestus, Broun. A.M.N.H. 6, xiv. 311.

Sub-family BEMBIDIINÆ.

- Bembidium**, Latreille, 1804.
charile, Bates. Man. N.Z. Coleop. 55, No. 107.
maorinum, Bates. Man. N.Z. Coleop. 55, No. 108.
tairuense, Bates. Man. N.Z. Coleop. 55, No. 109.
rotundicolle, Bates. Man. N.Z. Coleop. 56, No. 110.
parviceps, Bates. Man. N.Z. Coleop. 56, No. 111.
anchonoderum, Bates. Man. N.Z. Coleop. 57, No. 112.
eustictum, Bates. Man. N.Z. Coleop. 57, No. 113.
callipeplum, Bates. Man. N.Z. Coleop. 57, No. 114.
orbiferum, Bates. Man. N.Z. Coleop. 58, No. 115.
chalceipes, Bates. Man. N.Z. Coleop. 58, No. 116.
hokitikense, Bates. Man. N.Z. Coleop. 59, No. 117.
musæ, Broun. Man. N.Z. Coleop. 755, No. 1340.
latiusculum, Broun. Man. N.Z. Coleop. 755, No. 1341.
nesophilum, Broun. Man. N.Z. Coleop. 828, No. 1472.
tantillum, Broun. Man. N.Z. Coleop. 828, No. 1473.
tekapoense, Broun. Man. N.Z. Coleop. 880, No. 1566.
attenuatum, Broun. Man. N.Z. Coleop. 881, No. 1567.
clevedonense, Broun. Man. N.Z. Coleop. 1007, No. 1806.
diaphanum, Broun. Man. N.Z. Coleop. 1007, No. 1807.
dehiscens, Broun. Man. N.Z. Coleop. 1009, No. 1808.
antipodum, Broun. Man. N.Z. Coleop. 1009, No. 1809.
tersatum, Broun. Man. N.Z. Coleop. 1010, No. 1810.

Cillenum, Samouelle, 1819.

- albescens*, Bates. Man. N.Z. Coleop. 59, No. 118.
chalmeri, Broun. Man. N.Z. Coleop. 881, No. 1568.
subcæcum, Sharp. Man. N.Z. Coleop. 1010, No. 1811.

Tachys, Shaum, 1860.

- antarcticus*, Bates. Man. N.Z. Coleop. 60, No. 119.
latipennis, Sharp. Man. N.Z. Coleop. 1011, No. 1812.
oreobius, Broun. Man. N.Z. Coleop. 1399, No. 2441.
cavelli, Broun. Man. N.Z. Coleop. 1400, No. 2442.

Anillus, Duval, 1851.

- pallidus*, Broun. Man. N.Z. Coleop. 918, No. 1644.
phyllobius, Broun. A.M.N.H. 6. xii. 164.

Sub-family LEBINIÆ.

Actenonyx, White, 1846.

- bembidioides*, White. Voy. E. & T. 61, No. 120.

Lebia, Latreille, 1804.

- bembidioides*, Fairmaire. Rev. Zool. 1849, 32.
posticalis, Guérin. Voy. Coquille, Col. 58.

Wakefieldia, Broun, 1880.

- vittata*, Broun. Man. N.Z. Coleop. 62, No. 121.

Agonochila, Chaudoir, 1848.

- binotata*, White. Man. N.Z. Coleop. 63, No. 122.

Demetrida, White, 1846.

- lineella*, White. Man. N.Z. Coleop. 64, No. 123.
nasuta, White. Man. N.Z. Coleop. 64, No. 124.
picea, Chaudoir. Man. N.Z. Coleop. 65, No. 125.
ater, Broun. Man. N.Z. Coleop. 66, No. 126.
moesta, Sharp. Man. N.Z. Coleop. 66, No. 127.

Pedalopia, Castelnau, 1867.

- novæ-zealandiæ*, Castelnau. Man. N.Z. Coleop. 67, No. 128.

Sub-family PERICALINIÆ.

Scopodes, Erichson, 1842.

- fossulatus*, Blanchard. Man. N.Z. Coleop. 68, No. 129.
elaphroides, White. Man. N.Z. Coleop. 68, No. 130.
edwardsi, Bates. Man. N.Z. Coleop. 68, No. 131.
versicolor, Bates. Man. N.Z. Coleop. 68, No. 132.
prasinus, Bates. Man. N.Z. Coleop. 69, No. 133.
multipunctatus, Bates. Man. N.Z. Coleop. 69, No. 134.
lævigatus, Bates. Man. N.Z. Coleop. 70, No. 135.
venustus, Broun. Man. N.Z. Coleop. 756, No. 1342.
planus, Broun. Man. N.Z. Coleop. 756, No. 1343.
tardus, Broun. Man. N.Z. Coleop. 757, No. 1344.

- Scopodes pustulatus**, Broun. Man. N.Z. Coleop. 757, No. 1345.
lævistriatus, Broun. Man. N.Z. Coleop. 829, No. 1474.
bryophilus, Broun. Man. N.Z. Coleop. 882, No. 1569.
cognatus, Broun. Man. N.Z. Coleop. 882, No. 1570.
antennalis, Broun. Man. N.Z. Coleop. 882, No. 1571.
nigrinus, Sharp. Man. N.Z. Coleop. 1011, No. 1813.
basalis, Broun. Man. N.Z. Coleop. 1012, No. 1814.
speciosus, Broun. Man. N.Z. Coleop. 1012, No. 1815.

Family DYTISCIDÆ.

- Homœodytes**, Sharp, 1882.
hookeri, White. Man. N.Z. Coleop. 75, No. 141.
scutellaris, Sharp. Man. N.Z. Coleop. 1331, No. 2338.
Rhantus, Sharp, 1882.
pulverosus, Stephens = *C. rufimanus*, White. Man. N.Z. Coleop. 74, No. 170; Man. N.Z. Coleop. 1333, No. 2340.
plantaris, Sharp. Man. N.Z. Coleop. 1333, No. 2339.
Lancetes, Sharp, 1882.
lanceolatus, Clark. Man. N.Z. Coleop. 1335, No. 2341.

Family HYDROPORIDÆ.

- Antiporus**, Sharp, 1882.
uncifer, Sharp. Man. N.Z. Coleop. 1330, No. 2337.
wakefieldi, Sharp. Man. N.Z. Coleop. 71, No. 136.
duplex, Sharp. Man. N.Z. Coleop. 72, No. 137.
strigosulus, Broun. Man. N.Z. Coleop. 72, No. 138.
nitidicornis, Broun. Man. N.Z. Coleop. 73, No. 139.
Bidessus, Sharp, 1882.
impressus, Sharp. Man. N.Z. Coleop. 1329, No. 2334.
plicatus, Sharp. Man. N.Z. Coleop. 1329, No. 2335.
huttoni, Sharp. Man. N.Z. Coleop. 1329, No. 2336.
Huxelhydrus, Sharp, 1882.
syntheticus, Sharp. Trans. Roy. Dub. Soc. 1882.
virgatus, Broun. Man. N.Z. Coleop. 1014, No. 1816.
Copelatus, Erichson. Sharp, 1882.
sharpi, Broun. Man. N.Z. Coleop. 1014 and 939, No. 1689.

Series POLYMORPHA.

Family GYRINIDÆ.

- Gyrinus**, Linnæus, 1733.
huttoni, Pascoe. Man. N.Z. Coleop. 76, No. 142.

Family HYDROPHILIDÆ.

- Philhydrus**, Solier, 1834.
tritrus, Broun. Man. N.Z. Coleop. 78, No. 145.

- Philhydrus variolosus**, Broun. Man. N.Z. Coleop. 79, No. 146.
abditus, Sharp. Man. N.Z. Coleop. 1018, No. 1824.
- Berosus**, Leach, 1817.
mergus, Broun. Man. N.Z. Coleop. 883, No. 1572.
- Phelerosus**, Sharp, 1884.
pallidipennis, Sharp. Man. N.Z. Coleop. 1023, No. 1834.
- Saphydrus**, Sharp, 1884.
oblongus, Broun. Man. N.Z. Coleop. 81, No. 150.
suffusus, Sharp. Man. N.Z. Coleop. 1015, No. 1817.
obesus, Sharp. Man. N.Z. Coleop. 1016, No. 1818.
antennatus, Sharp. Man. N.Z. Coleop. 1016, No. 1819.
longulus, Sharp. Man. N.Z. Coleop. 1016, No. 1820.
monticola, Broun. Man. N.Z. Coleop. 1401, No. 2443.
- Rygmodus**, White, 1846.
modestus, White. Man. N.Z. Coleop. 80, No. 147.
pedinoides, White. Man. N.Z. Coleop. 80, No. 148.
incertus, Broun. Man. N.Z. Coleop. 81, No. 149.
opimus, Broun. Man. N.Z. Coleop. 82, No. 151.
cyaneus, Broun. Man. N.Z. Coleop. 659, No. 1152.
puncticeps, Broun. Man. N.Z. Coleop. 757, No. 1346.
femoratus, Sharp. Man. N.Z. Coleop. 1016, No. 1821.
tibialis, Broun. Man. N.Z. Coleop. 1017, No. 1822.
ovalis, Sharp. Man. N.Z. Coleop. 1017, No. 1823.
limbatus, Broun. Man. N.Z. Coleop. 1335, No. 2342.
alienus, Broun. Man. N.Z. Coleop. 1401, No. 2444.
- Tormus**, Sharp, 1884.
helmsi, Sharp. Man. N.Z. Coleop. 1019, No. 1825.
nitidus, Broun. Man. N.Z. Coleop. 1402, No. 2445.
- Tormissus**, Broun, 1893.
marginatus, Broun. Man. N.Z. Coleop. 1021, No. 1829.
magnulus, Broun. Man. N.Z. Coleop. 1021, No. 1830.
- Hydrostygnus**, Sharp, 1884.
linsi, Sharp. Man. N.Z. Coleop. 1020, No. 1826.
pontalis, Broun. Man. N.Z. Coleop. 84, No. 155.
minor, Broun. Man. N.Z. Coleop. 1020, No. 1827.
bifoveatus, Broun. Man. N.Z. Coleop. 1021, No. 1828.
- Exydrus**, Broun, 1886.
flavicornis, Broun. Man. N.Z. Coleop. 84, No. 153.
gibbosus, Broun. Man. N.Z. Coleop. 84, No. 154.
- Stygnohydrus**, Broun, 1893.
nitidus, Broun. Man. N.Z. Coleop. 1336, No. 2343.
- Cyloma**, Sharp, 1872.
lawsonus, Sharp. Man. N.Z. Coleop. 85, No. 156.

Cyloma thomsonus, Sharp. Man. N.Z. Coleop. 1022, No. 1831.

guttulatus, Sharp. Man. N.Z. Coleop. 1022, No. 1832.

stewarti, Broun. A.M.N.H. 6, xiv. 379.

Cyclonotum, Dejean, 1833.

marginale, Sharp. Man. N.Z. Coleop. 83, No. 152.

Psephoboragus, Broun, 1893.

signatus, Broun. Man. N.Z. Coleop. 1403, No. 2446.

lineatus, Broun. Man. N.Z. Coleop. 1404, No. 2447.

Adolopus, Sharp, 1884.

helmsi, Sharp. Man. N.Z. Coleop. 1023, No. 1833.

badius, Broun. Man. N.Z. Coleop. 86, No. 157.

altulus, Broun. Man. N.Z. Coleop. 86, No. 158.

vicinus, Broun. Man. N.Z. Coleop. 939, No. 1690.

rugipennis, Broun. Man. N.Z. Coleop. 939, No. 1691.

montanus, Broun. Man. N.Z. Coleop. 1336, No. 2344.

convexus, Broun. Man. N.Z. Coleop. 1404, No. 2448.

Cercyodes, Broun, 1893.

lævigatus, Broun. Man. N.Z. Coleop. 941, No. 1692.

Family PARNIDÆ.

Potaminus, Sturm, 1837.

angusticollis, Pascoe. Man. N.Z. Coleop. 248, No. 439.

Alloparnus, Broun, 1893. Substituted for *Parnida*.

agrestis, Broun. Man. N.Z. Coleop. 1107 and 249, No. 440.

Protoparnus, Sharp, 1886.

longulus, Sharp. Man. N.Z. Coleop. 1107, No. 1965.

Family ELMIDÆ.

Hydora, Broun, 1886. Substituted for *Pachycephala*.

picea, Broun. Man. N.Z. Coleop. 672, No. 1173.

nitida, Broun. Man. N.Z. Coleop. 927, No. 1664.

obsoleta, Broun. Man. N.Z. Coleop. 928, No. 1665.

Family BUPRESTIDÆ.

Nascio, Castelnau and Gory, 1835.

eremita, White. Man. N.Z. Coleop. 276, No. 481.

enysi, Sharp. Man. N.Z. Coleop. 276, No. 482.

Family EUCMENIDÆ.

Neocharis, Sharp, 1877.

varia, Sharp. Man. N.Z. Coleop. 277, No. 483.

pubescens, Sharp. Man. N.Z. Coleop. 278, No. 484.

simplex, Sharp. Man. N.Z. Coleop. 278, No. 485.

concolor, Sharp. Man. N.Z. Coleop. 278, No. 486.

osculans, Broun. Man. N.Z. Coleop. 674, No. 1176.

Talerax, Sharp, 1877.

- distans*, Sharp. Man. N.Z. Coleop. 279, No. 487.
capax, Broun. Man. N.Z. Coleop. 674, No. 1177.
niger, Broun. Man. N.Z. Coleop. 675, No. 1178.
rusticus, Broun. Man. N.Z. Coleop. 675, No. 1179.
foveatus, Broun. Man. N.Z. Coleop. 676, No. 1180.
tenuis, Broun. Man. N.Z. Coleop. 772, No. 1368.
micans, Broun. Man. N.Z. Coleop. 1350, No. 2366.

Drasterius, Eschscholtz, 1829.

- nigellus*, White. Man. N.Z. Coleop. 279, No. 488.

Melanus, Broun, 1881.

- sculptus*, Broun. Man. N.Z. Coleop. 677, No. 1181.

Agalba, Broun, 1893.

- ruficornis*, Broun. Man. N.Z. Coleop. 1120, No. 1988.
nigrescens, Broun. Man. N.Z. Coleop. 1121, No. 1989.
cylindrata, Broun. Man. N.Z. Coleop. 771, No. 1367.

Family ELATERIDÆ.

Protelater, Sharp, 1877.

- elongatus*, Sharp. Man. N.Z. Coleop. 305, No. 545.
huttoni, Sharp. Man. N.Z. Coleop. 305, No. 546.
guttatus, Sharp. Man. N.Z. Coleop. 305, No. 547.
picticornis, Sharp. Man. N.Z. Coleop. 306, No. 548.
opacus, Sharp. Man. N.Z. Coleop. 306, No. 549.
nigricans, Sharp. Man. N.Z. Coleop. 772, No. 1369.
vitticollis, Broun. Man. N.Z. Coleop. 956, No. 1724.
atriceps, Broun. Man. N.Z. Coleop. 957, No. 1725.
urquharti, Broun. Man. N.Z. Coleop. 1121, No. 1990.
costiceps, Broun. Man. N.Z. Coleop. 1121, No. 1991.
pubescens, Broun. Man. N.Z. Coleop. 1122, No. 1992.

Geranus, Sharp, 1877.

- collaris*, Pascoe. Man. N.Z. Coleop. 302, No. 540.
lineicollis, White. Man. N.Z. Coleop. 304, No. 544.
fulvus, Sharp. Man. N.Z. Coleop. 303, No. 542.
similis, Sharp. Man. N.Z. Coleop. 303, No. 543.

Parinus, Sharp, 1877.

- villosus*, Sharp. Man. N.Z. Coleop. 301, No. 538.

Corymbites, Latreille, 1834.

- antipodus*, Candèze. Man. N.Z. Coleop. 299, No. 532.
dubius, Sharp. Man. N.Z. Coleop. 299, No. 533.
strangulatus, White. Man. N.Z. Coleop. 300, No. 534.
myops, White. Man. N.Z. Coleop. 300, No. 535.
olivascens, White. Man. N.Z. Coleop. 300, No. 536.
agriotoides, Sharp. Man. N.Z. Coleop. 301, No. 537.
irregularis, Sharp. Man. N.Z. Coleop. 1128, No. 2006.

- Corymbites mundus**, Sharp. Man. N.Z. Coleop. 1129, No. 2007.
canaliculatus, Broun. Man. N.Z. Coleop. 1129, No. 2008.
munroi, Broun. Man. N.Z. Coleop. 1130, No. 2009.
- Asymphus**, Sharp, 1886.
insidiosus, Sharp. Man. N.Z. Coleop. 1132, No. 2011.
- Exœolus**, Broun, 1893.
rufescens, Broun. Man. N.Z. Coleop. 1134, No. 2013.
punctatus, Broun. Man. N.Z. Coleop. 1134, No. 2014.
obsoletus, Broun. Man. N.Z. Coleop. 1135, No. 2015.
- Ochosternus**, Candèze, 1863.
zealandicus, White. Man. N.Z. Coleop. 298, No. 531.
parryi, Candèze. Mon. iv. 447.
- Chrosis**, Candèze, 1863.
polita, Sharp. Man. N.Z. Coleop. 296, No. 527.
reversa, Sharp. Man. N.Z. Coleop. 297, No. 528.
barbata, Candèze. Man. N.Z. Coleop. 297, No. 529.
elongata, Sharp. Man. N.Z. Coleop. 298, No. 530.
livens, Broun. Man. N.Z. Coleop. 681, No. 1188.
valida, Broun. Man. N.Z. Coleop. 681, No. 1189.
setigera, Broun. Man. N.Z. Coleop. 682, No. 1190.
brevicollis, Broun. Man. N.Z. Coleop. 682, No. 1191.
castanea, Broun. Man. N.Z. Coleop. 683, No. 1192.
certa, Broun. Man. N.Z. Coleop. 683, No. 1193.
fulvipes, Broun. Man. N.Z. Coleop. 683, No. 1194.
impressa, Broun. Man. N.Z. Coleop. 1133, No. 2012.
æneola, Candèze. Mem. Belg. xvii. 1865, 54.
eximia, Broun. A.M.N.H. 6, xii. 288.
- Cryptohypnus**, Eschscholtz, 1833.
powelli, Sharp. Man. N.Z. Coleop. 295, No. 522.
humilis, Sharp. Man. N.Z. Coleop. 295, No. 523.
frontalis, Sharp. Man. N.Z. Coleop. 295, No. 524.
longicornis, Sharp. Man. N.Z. Coleop. 296, No. 525.
thoracicus, Sharp. Man. N.Z. Coleop. 296, No. 526.
meinertzhageni, Broun. Man. N.Z. Coleop. 680, No. 1187.
montanus, Broun. Man. N.Z. Coleop. 773, No. 1371.
sandageri, Broun. Man. N.Z. Coleop. 774, No. 1372.
pallipes, Sharp. Man. N.Z. Coleop. 1122, No. 1194.
picticornis, Broun. Man. N.Z. Coleop. 1122, No. 1195.
monticola, Broun. Man. N.Z. Coleop. 1124, No. 1196.
sternalis, Broun. Man. N.Z. Coleop. 1124, No. 1197.
basalis, Broun. Man. N.Z. Coleop. 1125, No. 1198.
fuscipennis, Broun. Man. N.Z. Coleop. 1125, No. 1199.
attenuatus, Broun. Man. N.Z. Coleop. 1453, No. 2521.
deterius, Broun. Man. N.Z. Coleop. 1454, No. 2522.

Oxylasma, Broun, 1881.

pannosum, Broun. Man. N.Z. Coleop. 679, No. 1185.

tectum, Broun. Man. N.Z. Coleop. 680, No. 1186.

basale, Broun. Man. N.Z. Coleop. 957, No. 1726.

carinale, Broun. Man. N.Z. Coleop. 1130, No. 2010.

vittiger, Broun. Man. N.Z. Coleop. 1452, No. 2520.

Silene, Broun, 1893.

brunnea, Broun. Man. N.Z. Coleop. 1136, No. 2017.

Monocrepidius, Eschscholtz, 1829.

exsul, Sharp. Man. N.Z. Coleop. 294, No. 520.

subrufus, Broun. Man. N.Z. Coleop. 294, No. 521.

maritimus, Broun. Man. N.Z. Coleop. 1135, No. 2016.

Mecastrus, Sharp, 1877.

convexus, Sharp. Man. N.Z. Coleop. 293, No. 517.

vicinus, Sharp. Man. N.Z. Coleop. 293, No. 518.

discedens, Sharp. Man. N.Z. Coleop. 293, No. 519.

lateristrigatus, White. Man. N.Z. Coleop. 306, No. 550.

intermedius, Broun. Man. N.Z. Coleop. 1128, No. 2005.

Zeaglophus, Broun, 1895.

pilicornis, Broun. A.M.N.H. 6, xv. 235.

Lomemus, Sharp, 1877.

pilicornis, Sharp. Man. N.Z. Coleop. 290, No. 509.

pictus, Sharp. Man. N.Z. Coleop. 290, No. 510.

suffusus, Sharp. Man. N.Z. Coleop. 291, No. 511.

flavipes, Sharp. Man. N.Z. Coleop. 291, No. 512.

similis, Sharp. Man. N.Z. Coleop. 291, No. 513.

obscuripes, Sharp. Man. N.Z. Coleop. 292, No. 514.

elegans, Sharp. Man. N.Z. Coleop. 292, No. 515.

collaris, Sharp. Man. N.Z. Coleop. 292, No. 516.

rectus, Broun. Man. N.Z. Coleop. 774, No. 1373.

vittatus, Broun. Man. N.Z. Coleop. 775, No. 1374.

fulvipennis, Broun. Man. N.Z. Coleop. 1126, No. 2000.

fuscicornis, Broun. Man. N.Z. Coleop. 1126, No. 2001.

maurus, Broun. Man. N.Z. Coleop. 1127, No. 2002.

sculpturatus, Broun. Man. N.Z. Coleop. 1127, No. 2003.

frontalis, Broun. Man. N.Z. Coleop. 1128, No. 2004.

fuscipes, Broun. Man. N.Z. Coleop. 1454, No. 2523.

puncticollis, Broun. A.M.N.H. 6, xv. 234.

Psorochroa, Broun, 1886.

granulata, Broun. Man. N.Z. Coleop. 773, No. 1370.

Aglophus, Sharp, 1877.

modestus, Sharp. Man. N.Z. Coleop. 289, No. 508.

Panspœus, Sharp, 1877.

guttatus, Sharp. Man. N.Z. Coleop. 288, No. 506.

tenebrosus, Broun. Man. N.Z. Coleop. 288, No. 507.

Betarmon, Kiesenwetter, 1858.

- gracilipes*, Sharp. Man. N.Z. Coleop. 287, No. 502.
frontalis, Sharp. Man. N.Z. Coleop. 287, No. 503.
lætus, Sharp. Man. N.Z. Coleop. 287, No. 504.
obscurus, Sharp. Man. N.Z. Coleop. 287, No. 505.
flavipilus, Broun. Man. N.Z. Coleop. 1350, No. 2367.

Amphiplatys, Sharp, 1877.

- lawsoni*, Sharp. Man. N.Z. Coleop. 286, No. 501.

Metablax, Sharp, 1877.

- brouni*, Sharp. Man. N.Z. Coleop. 284, No. 497.
acutipennis, White. Man. N.Z. Coleop. 284, No. 498.
approximans, White. Man. N.Z. Coleop. 285, No. 499.
cinctiger, White. Man. N.Z. Coleop. 285, No. 500.

Thoramus, Sharp, 1877.

- wakefieldi*, Sharp. Man. N.Z. Coleop. 280, No. 489.
rugipennis, Broun. Man. N.Z. Coleop. 281, No. 491.
feredayi, Sharp. Man. N.Z. Coleop. 282, No. 493.
lævithorax, White. Man. N.Z. Coleop. 282, No. 494.
perblandus, Broun. Man. N.Z. Coleop. 282, No. 495.
foveolatus, Broun. Man. N.Z. Coleop. 283, No. 496.
cervinus, Broun. Man. N.Z. Coleop. 677, No. 1182.
angustus, Broun. Man. N.Z. Coleop. 678, No. 1183.
parvulus, Broun. Man. N.Z. Coleop. 678, No. 1184.
huttoni, Sharp. Man. N.Z. Coleop. 1122, No. 1993.

*Genera of doubtful position :—***Brounia**, Sharp, 1878.

- thoracica*, Sharp. Man. N.Z. Coleop. 274, No. 480.

Byrrhocryptus, Broun, 1893.

- urquharti*, Broun. Man. N.Z. Coleop. 1137, No. 2018.

Amplectopus, Sharp, 1886.

- ovalis*, Sharp. Man. N.Z. Coleop. 1138, No. 2019.
latulus, Broun. Man. N.Z. Coleop. 1351, No. 2368.
fuscus, Broun. Man. N.Z. Coleop. 1351, No. 2369.
pallicornis, Broun. Man. N.Z. Coleop. 1456, No. 2526.

Family DASCILLIDÆ.

Byrrhodes, Sharp, 1878.

- gravidus*, Sharp. Man. N.Z. Coleop. 307, No. 551.

Cyprobius, Sharp, 1878.

- nitidus*, Sharp. Man. N.Z. Coleop. 308, No. 552.
undulatus, Broun. Man. N.Z. Coleop. 775, No. 1375.
terrenus, Broun. A.M.N.H. 6, xv. 236.

Cyphanus, Sharp, 1878.

- laticeps*, Sharp. Man. N.Z. Coleop. 309, No. 553.

- Cyphanus punctatus**, Sharp. Man. N.Z. Coleop. 309, No. 554.
capax, Broun. Man. N.Z. Coleop. 309, No. 555.
mollis, Sharp. Man. N.Z. Coleop. 310, No. 556.
debilis, Sharp. Man. N.Z. Coleop. 310, No. 557.
granulatus, Broun. Man. N.Z. Coleop. 311, No. 558.
medius, Broun. Man. N.Z. Coleop. 311, No. 559.
mandibularis, Broun. Man. N.Z. Coleop. 776, No. 1376.
dubius, Broun. Man. N.Z. Coleop. 1139, No. 2020.
scaber, Broun. Man. N.Z. Coleop. 1139, No. 2021.

Atopida, White, 1846.

- lawsoni*, Sharp. Man. N.Z. Coleop. 312, No. 560.
suturalis, White. Man. N.Z. Coleop. 338, No. 615.
brouni, Sharp. Man. N.Z. Coleop. 312, No. 561.
proba, Sharp. Man. N.Z. Coleop. 313, No. 562.
castanea, White. Man. N.Z. Coleop. 313, No. 563.
hirta, Broun. Man. N.Z. Coleop. 313, No. 564.
testacea, Broun. Man. N.Z. Coleop. 314, No. 565.
dorsalis, Broun. Man. N.Z. Coleop. 1140, No. 2023.
sinuata, Broun. Man. N.Z. Coleop. 1455, No. 2524.

Veronatus, Sharp, 1878.

- longicornis*, Sharp. Man. N.Z. Coleop. 314, No. 566.
longipalpis, Sharp. Man. N.Z. Coleop. 315, No. 567.
sharpi, Broun. Man. N.Z. Coleop. 315, No. 568.
frontalis, Broun. Man. N.Z. Coleop. 316, No. 569.
scabiosus, Broun. Man. N.Z. Coleop. 316, No. 570.
capito, Broun. Man. N.Z. Coleop. 316, No. 571.
antennalis, Broun. Man. N.Z. Coleop. 776, No. 1377.
nubilus, Broun. Man. N.Z. Coleop. 1455, No. 2525.
amplus, Broun. A.M.N.H. 6, xv. 237.

Mesocyphon, Sharp, 1878.

- marmoratus*, Sharp. Man. N.Z. Coleop. 317, No. 572.
setiger, Sharp. Man. N.Z. Coleop. 317, No. 573.
wakefieldi, Sharp. Man. N.Z. Coleop. 318, No. 574.
divergens, Sharp. Man. N.Z. Coleop. 318, No. 575.
monticola, Broun. Man. N.Z. Coleop. 958, No. 1727.
granulatus, Broun. Man. N.Z. Coleop. 958, No. 1728.
pallidus, Broun. Man. N.Z. Coleop. 1141, No. 2024.
laticeps, Broun. Man. N.Z. Coleop. 1142, No. 2025.

Cyphon, Paykull, 1798.

- huttoni*, Sharp. Man. N.Z. Coleop. 320, No. 576.
parviceps, Sharp. Man. N.Z. Coleop. 320, No. 577.
pumilio, Sharp. Man. N.Z. Coleop. 320, No. 578.
arduus, Sharp. Man. N.Z. Coleop. 320, No. 579.
oscillans, Sharp. Man. N.Z. Coleop. 321, No. 580.
æqualis, Sharp. Man. N.Z. Coleop. 321, No. 581.
amplus, Broun. Man. N.Z. Coleop. 322, No. 582.

- Cyphon viridipennis**, Broun. Man. N.Z. Coleop. 322, No. 583.
graniger, Sharp. Man. N.Z. Coleop. 322, No. 584.
pictulus, Sharp. Man. N.Z. Coleop. 322, No. 585.
zealandicus, Sharp. Man. N.Z. Coleop. 323, No. 586.
suffusus, Sharp. Man. N.Z. Coleop. 323, No. 587.
laticeps, Sharp. Man. N.Z. Coleop. 323, No. 588.
genalis, Sharp. Man. N.Z. Coleop. 324, No. 589.
remotus, Broun. Man. N.Z. Coleop. 776, No. 1378.
nigropictus, Broun. Man. N.Z. Coleop. 777, No. 1379.
laticollis, Broun. Man. N.Z. Coleop. 777, No. 1380.
rectangulus, Broun. Man. N.Z. Coleop. 777, No. 1381.
plagiatus, Broun. Man. N.Z. Coleop. 778, No. 1382.
propinquus, Broun. Man. N.Z. Coleop. 778, No. 1383.
acerbus, Broun. Man. N.Z. Coleop. 778, No. 1384.
crassus, Broun. Man. N.Z. Coleop. 779, No. 1385.
suturalis, Broun. Man. N.Z. Coleop. 779, No. 1386.
nitidus, Broun. Man. N.Z. Coleop. 779, No. 1387.
lateralis, Broun. Man. N.Z. Coleop. 780, No. 1388.
molestus, Broun. Man. N.Z. Coleop. 780, No. 1389.
dilutus, Broun. Man. N.Z. Coleop. 780, No. 1390.
rectalis, Broun. Man. N.Z. Coleop. 837, No. 1490.
waikatoensis, Broun. Man. N.Z. Coleop. 838, No. 1491.
signatus, Broun. Man. N.Z. Coleop. 958, No. 1729.
æthiops, Broun. Man. N.Z. Coleop. 959, No. 1730.
trivialis, Broun. Man. N.Z. Coleop. 959, No. 1731.
pauper, Broun. Man. N.Z. Coleop. 1143, No. 2026.
discedens, Broun. Man. N.Z. Coleop. 1143, No. 2027.
flavescens, Broun. Man. N.Z. Coleop. 1143, No. 2028.
navigitulus, Broun. Man. N.Z. Coleop. 1144, No. 2029.
fuscifrons, Broun. Man. N.Z. Coleop. 1144, No. 2030.
fulvicornis, Broun. Man. N.Z. Coleop. 1144, No. 2031.
ornatus, Broun. Man. N.Z. Coleop. 1145, No. 2032.
variegatus, Sharp. Man. N.Z. Coleop. 1145, No. 2033.
mackerrowi, Broun. A.M.N.H. 6, xv. 237.

Cyphotelus, Sharp, 1878.

- angustifrons*, Sharp. Man. N.Z. Coleop. 325, No. 590.

Family CLERIDÆ.

Paupris, Sharp, 1877.

- aptera*, Sharp. Man. N.Z. Coleop. 331, No. 601.

Parmius, Sharp, 1877.

- longipes*, Sharp. Man. N.Z. Coleop. 331, No. 602.
debilis, Sharp. Man. N.Z. Coleop. 332, No. 603.
rugosus, Broun. Man. N.Z. Coleop. 1148, No. 2037.

Pelonium, Spinola, 1844.

- pustuliferum*, Westwood. P.Z.S. 1852, p. 52, pl. 24, fig. 8.

- Balcus**, Sharp, 1877.
niger, Sharp. Man. N.Z. Coleop. 333, No. 604.
signatus, Broun. Man. N.Z. Coleop. 333, No. 605.
- Eumede**, Pascoe, 1876.
æraria, Pascoe. Man. N.Z. Coleop. 334, No. 606.
- Phymalophæa**, Pascoe, 1876.
electa, Pascoe. Man. N.Z. Coleop. 334, No. 607.
violacea, Fabricius. Man. N.Z. Coleop. 335, No. 608.
hilaris, Sharp. Man. N.Z. Coleop. 335, No. 609.
pantomelas, Boisduval. Man. N.Z. Coleop. 335, No. 610.
longula, Sharp. Man. N.Z. Coleop. 336, No. 611.
opiloides, Pascoe. Man. N.Z. Coleop. 336, No. 612.
fulvipalpis, Broun. Man. N.Z. Coleop. 336, No. 613.
picta, Broun. Man. N.Z. Coleop. 685, No. 1198.
dorsalis, Broun. Man. N.Z. Coleop. 685, No. 1199.
viridans, Broun. Man. N.Z. Coleop. 686, No. 1200.
testacea, Broun. Man. N.Z. Coleop. 686, No. 1201.
atrata, Broun. Man. N.Z. Coleop. 686, No. 1202.
ignea, Broun. Man. N.Z. Coleop. 784, No. 1397.
opacula, Broun. Man. N.Z. Coleop. 1352, No. 2372.
- Mathesis**, Waterhouse, 1877.
guttigera, Waterhouse. T.E.S. 1877, p. 8.

Family MELYRIDÆ.

- Dasytes**, Paykull, 1798.
subcyaneus, Broun. Man. N.Z. Coleop. 328, No. 596.
wakefieldi, Sharp. Man. N.Z. Coleop. 329, No. 597.
cinerohirtus, Broun. Man. N.Z. Coleop. 329, No. 598.
obscuricollis, Broun. Man. N.Z. Coleop. 330, No. 599.
laticeps, Broun. Man. N.Z. Coleop. 330, No. 600.
stewarti, Broun. Man. N.Z. Coleop. 684, No. 1197.
constrictus, Broun. Man. N.Z. Coleop. 781, No. 1392.
occipitalis, Broun. Man. N.Z. Coleop. 782, No. 1393.
cheesemani, Broun. Man. N.Z. Coleop. 902, No. 1611.
opaculus, Broun. Man. N.Z. Coleop. 202, No. 1612.
helmsi, Sharp. Man. N.Z. Coleop. 1147, No. 2035.
oreocharis, Broun. Man. N.Z. Coleop. 1148, No. 2036.
littoralis, Broun. Man. N.Z. Coleop. 1351, No. 2370.
æthiops, Broun. Man. N.Z. Coleop. 1352, No. 2371.
nigripes, Broun. A.M.N.H. 6, xv. 238.
- Arthracanthus**, Broun, 1886.
planifrons, Broun. Man. N.Z. Coleop. 781, No. 1391.
- Halyles**, Broun, 1886.
nigrescens, Broun. Man. N.Z. Coleop. 783, No. 1394.
brevicornis, Broun. Man. N.Z. Coleop. 783, No. 1395.
semidilutus, Broun. Man. N.Z. Coleop. 783, No. 1396.

Family TELEPHORIDÆ.

Asilis, Broun, 1893.

- fulvithorax, Broun. Man. N.Z. Coleop. 326, No. 591.
 nigricans, Broun. Man. N.Z. Coleop. 327, No. 592.
 subnudus, Broun. Man. N.Z. Coleop. 327, No. 593.
 tenuiculus, Broun. Man. N.Z. Coleop. 327, No. 594.
 striatus, Broun. Man. N.Z. Coleop. 328, No. 595.
 tumidus, Broun. Man. N.Z. Coleop. 684, No. 1195.
 piliventer, Broun. Man. N.Z. Coleop. 684, No. 1196.
 lævigatus, Broun. Man. N.Z. Coleop. 901, No. 1610.
 coloratus, Broun. Man. N.Z. Coleop. 1147, No. 2034.

Family PTINIDÆ.

Ptinus, Linnæus, 1767.

- speciosus, Broun. Man. N.Z. Coleop. 338, No. 614.
 murinus, White. Man. N.Z. Coleop. 338, No. 616.
 pilosus, White. Man. N.Z. Coleop. 338, No. 617.
 littoralis, Broun. Man. N.Z. Coleop. 1353, No. 2373.

Sub-family ANOBINÆ.

Anobium, Fabricius, 1775.

- amplicolle, Broun. Man. N.Z. Coleop. 339, No. 618.
 ruficorne, Broun. Man. N.Z. Coleop. 340, No. 619.
 tricostellum, White. Man. N.Z. Coleop. 341, No. 623.
 undulatum, Broun. Man. N.Z. Coleop. 687, No. 1204.

Xenogonus, Broun, 1882.

- notatus, Broun. Man. N.Z. Coleop. 340, No. 620.
 granulatus, Broun. Man. N.Z. Coleop. 341, No. 621.
 sericeus, Broun. Man. N.Z. Coleop. 341, No. 622.
 pullus, Broun. Man. N.Z. Coleop. 688, No. 1205.
 furcus, Broun. Man. N.Z. Coleop. 689, No. 1206.
 versutus, Broun. Man. N.Z. Coleop. 689, No. 1207.
 plagiatus, Broun. Man. N.Z. Coleop. 689, No. 1208.
 ambiguus, Broun. Man. N.Z. Coleop. 689, No. 1209.

Ochina, Sturm, 1837.

- vulgata, Broun. Man. N.Z. Coleop. 342, No. 624.

Sphindoteles, Broun, 1881.

- atriventris, Broun. Man. N.Z. Coleop. 687, No. 1203.

Methemus, Broun, 1903.

- griseipilus, Broun (*Capnodes*). Man. N.Z. Coleop. 690,
 No. 1210.

Dorcatoma, Herbst, 1790.

- oblonga, Broun. Man. N.Z. Coleop. 343, No. 625.
 illustris, Broun. Man. N.Z. Coleop. 343, No. 626.
 lauta, Broun. Man. N.Z. Coleop. 690, No. 1211.

Euderia, Broun, 1880.

squamosa, Broun. Man. N.Z. Coleop. 344, No. 627.

Family BOSTRICHIDÆ.

Apate, Fabricius, 1775.

minuta, Fabricius. Man. N.Z. Coleop. 346, No. 628.

Family CIOIDÆ.

Cis, Latreille, 1796.

undulatus, Broun. Man. N.Z. Coleop. 347, No. 630.

asimilis, Broun. Man. N.Z. Coleop. 347, No. 631.

rufulus, Broun. Man. N.Z. Coleop. 348, No. 632.

lineicollis, Broun. Man. N.Z. Coleop. 348, No. 633.

flavitaris, Broun. Man. N.Z. Coleop. 348, No. 634.

asperimus, Broun. Man. N.Z. Coleop. 349, No. 635.

cornuticeps, Broun. Man. N.Z. Coleop. 349, No. 636.

illustris, Broun. Man. N.Z. Coleop. 349, No. 637.

perpinguis, Broun. Man. N.Z. Coleop. 350, No. 638.

anthracinus, Broun. Man. N.Z. Coleop. 350, No. 639.

picturatus, Broun. Man. N.Z. Coleop. 838, No. 1492.

obesulus, Broun. Man. N.Z. Coleop. 839, No. 1493.

recurvatus, Broun. Man. N.Z. Coleop. 784, No. 1398.

picicollis, Broun. Man. N.Z. Coleop. 785, No. 1399.

viridiflavus, Broun. Man. N.Z. Coleop. 785, No. 1400.

fultoni, Broun. Man. N.Z. Coleop. 904, No. 1614.

piciceps, Broun. Man. N.Z. Coleop. 904, No. 1615.

Family PARNIDÆ.*

Potaminus, Sturm, 1837.

angusticollis, Pascoe. Man. N.Z. Coleop. 248, No. 439.

Alloparnus, Broun, 1893.

agrestis, Broun. Man. N.Z. Coleop. 249 and 1107, No. 440.

Protoparnus, Sharp, 1886.

longulus, Sharp. Man. N.Z. Coleop. 1107, No. 1965.

Family BYRRHIDÆ.

Nosodendron, Latreille, 1807.

ovatum, Broun. Man. N.Z. Coleop. 242, No. 429.

zealandicum, Sharp. Man. N.Z. Coleop. 1106, No. 1694.

Sub-family BYRRHINÆ.

Curimus, Erichson, 1846.

zealandicus, Redtenbacher. Man. N.Z. Coleop. 243, No. 430.

anomalus, Broun. Man. N.Z. Coleop. 243, No. 431.

striatus, Broun. Man. N.Z. Coleop. 244, No. 432.

squamiferus, Broun. Man. N.Z. Coleop. 1448, No. 2512.

* Duplicated by mistake; see *ante*, p. 153.

- Pedilophorus**, Steffahny, 1843.
coruscans, Pascoe. Man. N.Z. Coleop. 245, No. 433.
setarius, Broun. Man. N.Z. Coleop. 245, No. 434.
rotundus, Broun. Man. N.Z. Coleop. 671, No. 1171.
gemmeus, Broun. Man. N.Z. Coleop. 769, No. 1363.
villosus, Broun. Man. N.Z. Coleop. 900, No. 1608.
lætus, Broun. Man. N.Z. Coleop. 1349, No. 2364.
lævipennis, Broun. A.M.N.H. 6, xii. 190.
tibialis, Broun. A.M.N.H. 6, xii. 191.
puncticeps, Broun. A.M.N.H. 6, xii. 191.
picipes, Broun. A.M.N.H. 6, xii. 191.
creperus, Broun. A.M.N.H. 6, xii. 192.
probus, Broun. A.M.N.H. 6, xii. 192.
granulatus, Broun. A.M.N.H. 6, xii. 193.

- Liochoria**, Pascoe, 1875.
huttoni, Pascoe. Man. N.Z. Coleop. 246, No. 436.
sternalis, Broun. A.M.N.H. 6, xii. 194.
orbicularis, Broun. Man. N.Z. Coleop. 245, No. 435.
nigricans, Broun. Man. N.Z. Coleop. 671, No. 1170.
insueta, Broun. Man. N.Z. Coleop. 769, No. 1364.
mixta, Broun. Man. N.Z. Coleop. 901, No. 1609.
nigralis, Broun. Man. N.Z. Coleop. 1348, No. 2363.

- Cytilissus**, Broun, 1893.
claviger, Broun. A.M.N.H. 6, xii. 195.

Sub-family LIMNICHINÆ.

- Limnichus**, Latreille, 1829.
decorus, Broun. Man. N.Z. Coleop. 247, No. 437.
punctatus, Broun. Man. N.Z. Coleop. 247, No. 438.
picinus, Broun. Man. N.Z. Coleop. 671, No. 1172.
nigripes, Broun. Man. N.Z. Coleop. 1449, No. 2513.

Sub-family ELMINÆ.*

- Hydora**, Broun, 1886.
picea, Broun (*Pachycephala*). Man. N.Z. Coleop. 672, No. 1173.
nitida, Broun (*Hydora*). Man. N.Z. Coleop. 927, No. 1664.
obsoleta, Broun (*Hydora*). Man. N.Z. Coleop. 928,
 No. 1665.

Family DERMESTIDÆ.

- Trogoderma**, Latreille, 1829.
serrigerum, Sharp. Man. N.Z. Coleop. 240, No. 426.
signatum, Sharp. Man. N.Z. Coleop. 240, No. 427.
mæstum, Broun. Man. N.Z. Coleop. 241, No. 428.
granulatum, Broun. Man. N.Z. Coleop. 900, No. 1607.
punctatum, Broun. Man. N.Z. Coleop. 953, No. 1718.
suffusum, Broun. Man. N.Z. Coleop. 953, No. 1719.

* Duplicated by mistake; see *ante*, p. 153.

Trogoderma 4-fasciatum, Broun. Man. N.Z. Coleop. 1105,
No. 1962.

antennale, Broun. Man. N.Z. Coleop. 1106, No. 1963.

Family LATHRIDIDÆ.

Holoparamecus, Curtis, 1833.

lucidus, Broun. Man. N.Z. Coleop. 232, No. 408.

castaneus, Broun. Man. N.Z. Coleop. 1448, No. 2515.

Lathridius, Herbst, 1793.

antipodeus, White. Man. N.Z. Coleop. 233, No. 409.

sculpturatus, Broun. Man. N.Z. Coleop. 233, No. 410.

marginalis, Broun. Man. N.Z. Coleop. 233, No. 411.

costulatus, Broun. Man. N.Z. Coleop. 234, No. 412.

floridus, Broun. Man. N.Z. Coleop. 234, No. 413.

bifoveatus, Broun. Man. N.Z. Coleop. 834, No. 1483.

castaneus, Broun. Man. N.Z. Coleop. 834, No. 1484.

priopterus, Broun. Man. N.Z. Coleop. 898, No. 1602.

puncticeps, Broun. Man. N.Z. Coleop. 898, No. 1603.

caviceps, Broun. Man. N.Z. Coleop. 1447, No. 2510.

Corticaria, Marsham, 1802.

angusticollis, Broun. Man. N.Z. Coleop. 235, No. 414.

pubera, Broun. Man. N.Z. Coleop. 235, No. 415.

fasciata, Broun. Man. N.Z. Coleop. 235, No. 416.

hirtalis, Broun. Man. N.Z. Coleop. 236, No. 417.

finitima, Broun. Man. N.Z. Coleop. 236, No. 418.

variegata, Broun. Man. N.Z. Coleop. 236, No. 419.

discoidea, Broun. Man. N.Z. Coleop. 236, No. 420.

obesa, Broun. Man. N.Z. Coleop. 237, No. 421.

pudibunda, Broun. Man. N.Z. Coleop. 237, No. 422.

alacer, Broun. Man. N.Z. Coleop. 237, No. 423.

tarsalis, Broun. Man. N.Z. Coleop. 768, No. 1362.

pacata, Broun. Man. N.Z. Coleop. 899, No. 1604.

erythrocephala, Broun. Man. N.Z. Coleop. 899, No. 1605.

platyptera, Broun. Man. N.Z. Coleop. 899, No. 1606.

semirufa, Broun. Man. N.Z. Coleop. 952, No. 1716.

gilvipes, Broun. Man. N.Z. Coleop. 953, No. 1717.

amplipennis, Broun. Man. N.Z. Coleop. 1104, No. 1960.

clarula, Broun. A.M.N.H. 6, xv. 197.

Rethusus, Broun, 1886.

pictulus, Broun. Man. N.Z. Coleop. 835, No. 1485.

lachrymosus, Broun. Man. N.Z. Coleop. 836, No. 1486.

Diarthrocera, Broun, 1893.

formicæphila, Broun. Man. N.Z. Coleop. 1348, No. 2362.

Family COCCINELLIDÆ.

Coccinella, Linnæus, 1735.

tasmanii, White. Man. N.Z. Coleop. 645, No. 1126.

Coccinella coriacea, Broun. Man. N.Z. Coleop. 1319, No. 2321.
novæ-zealandiæ, Colenso. T.N.Z.I. xx. 40.

Leis, Mulsant, 1851.
antipodum, Mulsant. Man. N.Z. Coleop. 645, No. 1128.

Cranophorus, Mulsant, 1851.
venustus, Pascoe. Man. N.Z. Coleop. 650, No. 1141.

Scymnus, Kugelann, 1794.
eximius, Broun. Man. N.Z. Coleop. 646, No. 1129.
flavhirtus, Broun. Man. N.Z. Coleop. 646, No. 1130.
acceptus, Broun. Man. N.Z. Coleop. 647, No. 1131.
consors, Broun. Man. N.Z. Coleop. 647, No. 1132.
tristis, Broun. Man. N.Z. Coleop. 647, No. 1133.
pallidiceps, Broun. Man. N.Z. Coleop. 648, No. 1134.
fagus, Broun. Man. N.Z. Coleop. 648, No. 1135.
terrenus, Broun. Man. N.Z. Coleop. 648, No. 1136.
rarus, Broun. Man. N.Z. Coleop. 649, No. 1137.
suffusus, Broun. Man. N.Z. Coleop. 649, No. 1138.
minutulus, Broun. Man. N.Z. Coleop. 649, No. 1139.
picinus, Broun. Man. N.Z. Coleop. 649, No. 1140.
sedatus, Broun. Man. N.Z. Coleop. 813, No. 1446.
villosus, Broun. Man. N.Z. Coleop. 814, No. 1447.
circularis, Sharp. Insect Life. 1889, p. 365.

Holopsis, Broun, 1886.
nigellus, Broun. Man. N.Z. Coleop. 814, No. 1448.
pallidus, Broun. Man. N.Z. Coleop. 815, No. 1449.
lawsoni, Broun. Man. N.Z. Coleop. 815, No. 1550.
piculus, Broun. Man. N.Z. Coleop. 1503, No. 2588.
rotundatus, Broun. Man. N.Z. Coleop. 1503, No. 2589.

Veronicobius, Broun, 1893.
hirtus, Broun. Man. N.Z. Coleop. 1393, No. 2430.

Family MYCETOPHAGIDÆ.

Typhæa, Stephens, 1830.
curvipes, Broun. Man. N.Z. Coleop. 238, No. 424.
hirta, Broun. Man. N.Z. Coleop. 239, No. 425.

Triphyllus, Latreille. 1829.
integritus, Broun. Man. N.Z. Coleop. 1105, No. 1961.
fuliginosus, Broun. Man. N.Z. Coleop. 228, No. 401.
substriatus, Broun. Man. N.Z. Coleop. 229, No. 402.
aciculatus, Broun. Man. N.Z. Coleop. 229, No. 403.
serratus, Broun. Man. N.Z. Coleop. 229, No. 404.
punctulatus, Broun. Man. N.Z. Coleop. 230, No. 405.
adpersus, Broun. Man. N.Z. Coleop. 230, No. 406.
hispidellus, Broun. Man. N.Z. Coleop. 231, No. 407.

Family EROTYLIDÆ.

Cryptodacne, Sharp, 1878.*synthetica*, Sharp. Man. N.Z. Coleop. 641, No. 1122.*lenis*, Broun. Man. N.Z. Coleop. 641, No. 1123.*vagepunctata*, Broun. Man. N.Z. Coleop. 813, 1445.*vittata*, Broun. Man. N.Z. Coleop. 873, No. 1554.*pubescens*, Broun. Man. N.Z. Coleop. 1319, No. 2320.**Triplax**, Paykull, 1798.*brouni*, Pascoe. Man. N.Z. Coleop. 642, No. 1124.**Thallis**, Erichson, 1842.*polita*, White. Man. N.Z. Coleop. 643, No. 1125.

Family CRYPTOPHAGIDÆ.

Telmatophilus, Heer, 1841.*depressus*, Sharp. Man. N.Z. Coleop. 224, No. 391.*nitens*, Sharp. Man. N.Z. Coleop. 224, No. 392.*olivascens*, Broun. Man. N.Z. Coleop. 1104, No. 1959.**Cryptophagus**, Herbst, 1792.*australis*, Redtenbacher. Man. N.Z. Coleop. 225, No. 393.*rubellus*, Broun. Man. N.Z. Coleop. 225, No. 394.*rutilus*, Broun. Man. N.Z. Coleop. 226, No. 395.*vestitus*, Broun. Man. N.Z. Coleop. 226, No. 396.*sylvanus*, Broun. Man. N.Z. Coleop. 227, No. 397.*angulifer*, Broun. Man. N.Z. Coleop. 227, No. 398.*hispidulus*, Broun. Man. N.Z. Coleop. 227, No. 400.*discoideus*, Broun. Man. N.Z. Coleop. 1345, No. 2360.*distinctus*, Broun. Man. N.Z. Coleop. 1346, No. 2361.*tumidus*, Broun. Man. N.Z. Coleop. 1445, No. 2507.*obscurus*, Broun. Man. N.Z. Coleop. 1446, No. 2508.*anthracinus*, Broun. Man. N.Z. Coleop. 1446, No. 2509.*rufescens*, Blanchard. Voy. Pole Sud, iv. 53, pl. 4.**Salltius**, Broun, 1893.*ruficeps*, Broun. Man. N.Z. Coleop. 228 and 1347, No. 399.**Paramecosoma**, Curtis, 1833.*maculosum*, Broun. Man. N.Z. Coleop. 670, No. 1169.

Family CUCUJIDÆ.

Chætosoma, Westwood, 1851.*scaritides*, Westwood. Man. N.Z. Coleop. 767, No. 1360.**Diagrypnodes**, Waterhouse, 1876.*wakefieldi*, Waterhouse. Man. N.Z. Coleop. 217, No. 382.**Dryocora**, Pascoe, 1868.*howittii*, Pascoe. Man. N.Z. Coleop. 218, No. 383.

- Dendrophagus**, Schönherr, 1809.
umbrinus, Smith. Cat. Coleop. Brit. Mus. 12.
capito, Pascoe. Man. N.Z. Coleop. 219, No. 384.
- Parabrontes**, Redtenbacher, 1867.
silvanoides, Redtenbacher. Man. N.Z. Coleop. 220, No. 386.
setiger, Broun. Man. N.Z. Coleop. 768, No. 1361.
- Cryptamorpha**, Wollaston, 1854.
brevicornis, White. Man. N.Z. Coleop. 221, No. 387.
curvipes, Broun. Man. N.Z. Coleop. 221, No. 388.
suturalis, White. Man. N.Z. Coleop. 222, No. 389.
lateritia, Broun. Man. N.Z. Coleop. 222, No. 390.
- Picrotus**, Sharp, 1886.
thoracicus, Sharp. Man. N.Z. Coleop. 1098, No. 1952.
sanguineus, Broun. Man. N.Z. Coleop. 1098, No. 1953.
- Brontopriscus**, Sharp, 1886.
sinuatus, Sharp. Man. N.Z. Coleop. 1099, No. 1954.
pleuralis, Sharp. Man. N.Z. Coleop. 219, No. 385.
- Cathartocryptus**, Sharp, 1886.
obscurus, Sharp. Man. N.Z. Coleop. 1100, No. 1955.
- Saphophagus**, Sharp, 1886.
minutus, Sharp. Man. N.Z. Coleop. 1101, No. 1956.
ferrugineus, Broun. Man. N.Z. Coleop. 1102, No. 1957.
- Tularthrum**, Broun, 1893.
lineatum, Broun. Man. N.Z. Coleop. 1103, No. 1958.
- Thortus**, Broun, 1893.
ovalis, Broun. Man. N.Z. Coleop. 1345, No. 2359.

Family RHYSODIDÆ.

- Rhysodes**, Dalman, 1823.
aterrimus, Broun. Man. N.Z. Coleop. 214, No. 377.
eminens, Broun. Man. N.Z. Coleop. 215, No. 379.
orbitosus, Broun. Man. N.Z. Coleop. 215, No. 380.
proprius, Broun. Man. N.Z. Coleop. 216, No. 381.
pensus, Broun. Man. N.Z. Coleop. 215, No. 378.

Family COLYDIDÆ.

Sub-family TRICHOPTERYGINÆ.

- Trichopteryx**, Kirby, 1826.
inconspicua, Matthews. Man. N.Z. Coleop. 1436, No. 2492.
- Ptenidium**, Erichson, 1845.
lawsoni, Matthews. Man. N.Z. Coleop. 1437, No. 2493.
posticale, Broun. Man. N.Z. Coleop. 1437, No. 2494.
proprium, Broun. Man. N.Z. Coleop. 1438, No. 2495.
cavelli, Broun. Man. N.Z. Coleop. 1438, No. 2496.

- Actidium**, Matthews, 1868.
lineare, Matthews. Man. N.Z. Coleop. 1439, No. 2497.
- Actinopteryx**, Matthews, 1872.
australis, Matthews. Man. N.Z. Coleop. 1440, No. 2498.
- Ptinella**, Motschoulski, 1844.
fauvelli, Matthews. Mon. Trichop. Suppl. 19.

Sub-family COLYDIINÆ.

- Tarphiomimus**, Wollaston, 1873.
indentatus, Wollaston. Man. N.Z. Coleop. 182, No. 324.
wollastoni, Sharp. Man. N.Z. Coleop. 1080, No. 1924.
- Dryptops**, Broun, 1886.
dorsalis, Broun. Man. N.Z. Coleop. 763, No. 1354.
undosus, Broun. Man. N.Z. Coleop. 764, No. 1355.
acuminatus, Broun. Man. N.Z. Coleop. 183, No. 325.
- Ulonotus**, Erichson, 1845.
antarcticus, White. Man. N.Z. Coleop. 187, No. 331.
discedens, Sharp. Man. N.Z. Coleop. 187, No. 332.
brouni, Sharp. Man. N.Z. Coleop. 188, No. 333.
viridipictus, Wollaston. Man. N.Z. Coleop. 188, No. 334.
asper, Sharp. Man. N.Z. Coleop. 189, No. 335.
integer, Sharp. Man. N.Z. Coleop. 189, No. 336.
lawsoni, Wollaston. Man. N.Z. Coleop. 189, No. 337.
aberrans, Broun. Man. N.Z. Coleop. 189, No. 338.
atratus, Broun. Man. N.Z. Coleop. 190, No. 339.
punctatus, Broun. Man. N.Z. Coleop. 894, No. 1595.
isostictus, Broun. Man. N.Z. Coleop. 926, No. 1661.
carus, Broun. Man. N.Z. Coleop. 947, No. 1706.
fuscatus, Broun. Man. N.Z. Coleop. 948, No. 1707.
rufescens, Broun. Man. N.Z. Coleop. 948, No. 1708.
cinereus, Broun. Man. N.Z. Coleop. 948, No. 1709.
integratus, Broun. Man. N.Z. Coleop. 949, No. 1710.
fulvus, Broun. Man. N.Z. Coleop. 1080, No. 1925.
dissimilis, Sharp. Man. N.Z. Coleop. 1081, No. 1926.
- Notoulus**, Broun, 1886 (substituted for *Ablabus*).
ornatus, Broun. Man. N.Z. Coleop. 184, No. 326.
pallidipictus, Broun. Man. N.Z. Coleop. 185, No. 327.
scabrus, Broun. Man. N.Z. Coleop. 185, No. 328.
fervidulus, Broun. Man. N.Z. Coleop. 186, No. 329.
punctipennis, Broun. Man. N.Z. Coleop. 186, No. 330.
brevis, Broun. Man. N.Z. Coleop. 763, No. 1353.
nodosus, Broun. Man. N.Z. Coleop. 894, No. 1594.
sparsus, Broun. Man. N.Z. Coleop. 947, No. 1704.
libentus, Broun. Man. N.Z. Coleop. 947, No. 1705.
facetus, Broun. Man. N.Z. Coleop. 1341, No. 2353.

Bitoma, Herbst, 1793.

- insularis*, White. Man. N.Z. Coleop. 192, No. 343.
vicina, Sharp. Man. N.Z. Coleop. 193, No. 344.
distans, Sharp. Man. N.Z. Coleop. 193, No. 345.
rugosa, Sharp. Man. N.Z. Coleop. 193, No. 346.
nana, Sharp. Man. N.Z. Coleop. 194, No. 347.
distincta, Broun. Man. N.Z. Coleop. 194, No. 348.
discoidea, Broun. Man. N.Z. Coleop. 195, No. 349.
lobata, Broun. Man. N.Z. Coleop. 833, No. 1482.
scita, Broun. Man. N.Z. Coleop. 895, No. 1596.
guttata, Broun. Man. N.Z. Coleop. 895, No. 1597.
sellata, Sharp. Man. N.Z. Coleop. 1081, No. 1927.
auriculata, Sharp. Man. N.Z. Coleop. 1082, No. 1928.
serraticula, Sharp. Man. N.Z. Coleop. 1083, No. 1929.
mundula, Sharp. Man. N.Z. Coleop. 1083, No. 1930.

Coxelus, Latreille, 1829.*

- dubius*, Sharp. Man. N.Z. Coleop. 196, No. 350.
similis, Sharp. Man. N.Z. Coleop. 196, No. 351.
robustus, Broun. Man. N.Z. Coleop. 197, No. 352.
clarus, Broun. Man. N.Z. Coleop. 766, No. 1357.
grossanus, Broun. Man. N.Z. Coleop. 927, No. 1662.
chalmeri, Broun. Man. N.Z. Coleop. 949, No. 1711.
rufus, Broun. Man. N.Z. Coleop. 1084, No. 1931.
posticalis, Broun. Man. N.Z. Coleop. 1084, No. 1932.
ovicollis, Broun. Man. N.Z. Coleop. 1084, No. 1933.
longulus, Broun. Man. N.Z. Coleop. 1085, No. 1934.
oculator, Broun. Man. N.Z. Coleop. 1342, No. 2354.
picicornis, Broun. Man. N.Z. Coleop. 1342, No. 2355.
graniceps, Broun. Man. N.Z. Coleop. 1343, No. 2356.
regularis, Broun. Man. N.Z. Coleop. 1440, No. 2499.
thoracicus, Broun. A.M.N.H. 6, xv. 194.

Heterargus, Sharp, 1886.

- rudis*, Sharp. Man. N.Z. Coleop. 1086, No. 1935.
serricollis, Broun. Man. N.Z. Coleop. 1441, No. 2500.

Gathocles, Broun, 1893.

- nodosus*, Broun. Man. N.Z. Coleop. 1086, No. 1936.

Vitiacus, Broun, 1893.

- costatus*, Broun. Man. N.Z. Coleop. 1087, No. 1937.
costicollis, Broun. Man. N.Z. Coleop. 1442, No. 2501.
incertus, Broun. A.M.N.H. 6, xv. 195.

Enarsus, Pascoe, 1866.

- bakewellii*, Pascoe. Man. N.Z. Coleop. 199, No. 355.
wakefieldi, Sharp. Man. N.Z. Coleop. 199, No. 356.

* For this genus see A.M.N.H. 6, xv. 194.

- Enarsus rudis**, Sharp. Man. N.Z. Coleop. 200, No. 357.
contractifrons, Broun. Man. N.Z. Coleop. 200, No. 358.
probus, Broun. Man. N.Z. Coleop. 1088, No. 1938.
cucullatus, Sharp. Man. N.Z. Coleop. 1089, No. 1939.
- Rytidiotus**, Broun, 1880.
squamulosus, Broun. Man. N.Z. Coleop. 204, No. 364.
- Syncalus**, Sharp, 1876.
optatus, Sharp. Man. N.Z. Coleop. 201, No. 359.
politus, Broun. Man. N.Z. Coleop. 201, No. 360.
hystrix, Sharp. Man. N.Z. Coleop. 202, No. 361.
piciceps, Broun. Man. N.Z. Coleop. 1092, No. 1942.
monroi, Broun. Man. N.Z. Coleop. 1442, No. 2502.
- Acosmetus**, Broun, 1880.
oblongus, Broun. Man. N.Z. Coleop. 197, No. 353.
granulatus, Broun. Man. N.Z. Coleop. 197, No. 354.
- Protarphius**, Broun, 1893.
ruficornis, Broun. A.M.N.H. 6, xii. 184.
indentatus, Broun. A.M.N.H. 6, xii. 185.
crassus, Broun. Man. N.Z. Coleop. 669, No. 1167.
- Recyntus**, Broun, 1886.
exiguus, Broun. Man. N.Z. Coleop. 765, No. 1356.
tuberculatus, Broun. Man. N.Z. Coleop. 191, No. 340.
insignis, Broun. Man. N.Z. Coleop. 191, No. 341.
salebrosus, Broun. Man. N.Z. Coleop. 192, No. 342.
- Epistranus**, Sharp, 1876.
lawsoni, Sharp. Man. N.Z. Coleop. 203, No. 362.
humeralis, Broun. Man. N.Z. Coleop. 203, No. 363.
parvus, Broun. Man. N.Z. Coleop. 950, No. 1712.
optabilis, Broun. Man. N.Z. Coleop. 1343, No. 2357.
hirtalis, Broun. A.M.N.H. 6, xii. 189.
- Norix**, Broun, 1893.
crassus, Broun. Man. N.Z. Coleop. 1091, No. 1941.
- Glenentela**, Broun, 1893.
serrata, Broun. Man. N.Z. Coleop. 1090, No. 1940.
- Ithris**, Pascoe, 1864.
gracilis, Sharp. Man. N.Z. Coleop. 205, No. 365.
- Rhizonium**, Sharp, 1877.
antiquum, Sharp. Man. N.Z. Coleop. 206, No. 366.
- Chorasus**, Sharp, 1882.
subcæcus, Sharp. Man. N.Z. Coleop. 1093, No. 1943.
- Lithostygnus**, Broun, 1886.
costatus, Broun. Man. N.Z. Coleop. 950, No. 1713.

- Ciconissus**, Broun, 1893.
granifer, Broun. A.M.N.H. 6, xii. 186.

Sub-family BOTHRIDERINÆ.

- Bothrideres**, Erichson, 1845.
mæstus, Sharp. Man. N.Z. Coleop. 207, No. 367.
cognatus, Sharp. Man. N.Z. Coleop. 1096, No. 1951.
obsoletus, Broun. A.M.N.H. 6, xv. 196.

Sub-family PYCNOMERINÆ.

- Pycnomerus**, Erichson, 1842.
sophoræ, Sharp. Man. N.Z. Coleop. 208, No. 368.
simulans, Sharp. Man. N.Z. Coleop. 209, No. 369.
simplex, Broun. Man. N.Z. Coleop. 209, No. 370.
minor, Sharp. Man. N.Z. Coleop. 209, No. 371.
ellipticus, Broun. Man. N.Z. Coleop. 210, No. 372.
rufescens, Broun. Man. N.Z. Coleop. 766, No. 1358.
basalis, Broun. Man. N.Z. Coleop. 766, No. 1359.
carinellus, Broun. Man. N.Z. Coleop. 896, No. 1598.
cæcus, Broun. Man. N.Z. Coleop. 896, No. 1599.
hirtus, Broun. Man. N.Z. Coleop. 897, No. 1600.
lateralis, Broun. Man. N.Z. Coleop. 897, No. 1601.
arboreus, Broun. Man. N.Z. Coleop. 927, No. 1663.
cognatus, Broun. Man. N.Z. Coleop. 951, No. 1714.
marginalis, Broun. Man. N.Z. Coleop. 1093, No. 1944.
sinuatus, Broun. Man. N.Z. Coleop. 1094, No. 1945.
impressus, Broun. Man. N.Z. Coleop. 1094, No. 1946.
longulus, Sharp. Man. N.Z. Coleop. 1095, No. 1947.
helmsi, Sharp. Man. N.Z. Coleop. 1095, No. 1948.
sulcatissimus, Sharp. Man. N.Z. Coleop. 1095, No. 1949.
latitans, Sharp. Man. N.Z. Coleop. 1096, No. 1950.
angulatus, Broun. Man. N.Z. Coleop. 1443, No. 2503.
frontalis, Broun. Man. N.Z. Coleop. 1443, No. 2504.
elongellus, Broun. Man. N.Z. Coleop. 1444, No. 2505.
longipes, Broun. Man. N.Z. Coleop. 1444, No. 2506.
depressiusculus, White. Voy. Ereb. and Terr. Ins. p. 18.
- Pycnomerodes**, Broun, 1886.
peregrinus, Broun. Man. N.Z. Coleop. 952, No. 1715.

Sub-family CERYLONINÆ.

- Philothermus**, Aubé, 1843.
nitidus, Sharp. Man. N.Z. Coleop. 211, No. 373.
sanguineus, Broun. Man. N.Z. Coleop. 211, No. 374.
notabilis, Broun. Man. N.Z. Coleop. 211, No. 375.

Family TROGOSITIDÆ.

- Trogosita**, Olivier, 1790.
affinis, White. Man. N.Z. Coleop. 177, No. 314.

Leperina, Erichson, 1844.

- nigrosparsa*, White. Man. N.Z. Coleop. 178, No. 315.
brounii, Pascoe. Man. N.Z. Coleop. 178, No. 316.
sobrina, White. Man. N.Z. Coleop. 178, No. 317.
wakefieldi, Sharp. Man. N.Z. Coleop. 179, No. 318.
ambigua, Broun. Man. N.Z. Coleop. 179, No. 319.
farinosa, Broun. Man. N.Z. Coleop. 179, No. 320.

Promanus, Sharp, 1877.

- depressus*, Sharp. Man. N.Z. Coleop. 180, No. 321.
auripilus, Broun. Man. N.Z. Coleop. 1079, No. 1922.

Grynoma, Sharp, 1877.

- fusca*, Sharp. Man. N.Z. Coleop. 181, No. 322.
diluta, Sharp. Man. N.Z. Coleop. 181, No. 323.
viridescens, Broun. Man. N.Z. Coleop. 893, No. 1593.
regularis, Sharp. Man. N.Z. Coleop. 1079, No. 1923.
varians, Broun. Man. N.Z. Coleop. 1340, No. 2351.
rugosa, Broun. Man. N.Z. Coleop. 1341, No. 2352.

Phycosecis, Pascoe, 1875.

- discoidea*, Pascoe. Man. N.Z. Coleop. 359, No. 650.
atomaria, Pascoe. Man. N.Z. Coleop. 359, No. 651.

Family NITIDULIDÆ.

Brachypeplus, Erichson, 1842.

- brevicornis*, Sharp. Man. N.Z. Coleop. 168, No. 301.

Epuræa, Erichson, 1843.

- antarctica*, White. Man. N.Z. Coleop. 169, No. 302.
zealandica, Sharp. Man. N.Z. Coleop. 169, No. 303.
signata, Broun. Man. N.Z. Coleop. 169, No. 304.

Homepuræa, Broun, 1893.

- amœna*, Broun. Man. N.Z. Coleop. 171 and 1073, No. 307.

Nitidula, Fabricius, 1775.

- lateralis*, White. Man. N.Z. Coleop. 170, No. 305.
abbreviata, Fabricius. Man. N.Z. Coleop. 171, No. 306.

Soronia, Erichson, 1843.

- hystrix*, Sharp. Man. N.Z. Coleop. 172, No. 308.
optata, Sharp. Man. N.Z. Coleop. 172, No. 309.
morosa, Broun. Man. N.Z. Coleop. 1074, No. 1917.
micans, Broun. Man. N.Z. Coleop. 1074, No. 1918.

Omosita, Erichson, 1843.

- spinipes*, Broun. Man. N.Z. Coleop. 173, No. 310.
scutellaris, Broun. Man. N.Z. Coleop. 173, No. 311.

Xenoscelis, Wollaston, 1864.

- prolixus*, Sharp. Man. N.Z. Coleop. 174, No. 312.

Priates, Broun, 1881.
optandus, Broun. Man. N.Z. Coleop. 669, No. 1156.

Ips, Fabricius, 1776.
minimus, Sharp. Man. N.Z. Coleop. 1078, No. 1921.

Cyclaxyra, Broun, 1893 (substituted for *Cycl. morpha*).
politula, Broun. Man. N.Z. Coleop. 668, No. 1165.

Platipidia, Broun, 1893.
asperella, Broun. Man. N.Z. Coleop. 1075, No. 1919.

Priasilpha, Broun, 1893.
obscura, Broun. Man. N.Z. Coleop. 1078, No. 1920.

Sub-family RHIZOPHAGINÆ.

Lenax, Sharp, 1877.
mirandus, Sharp. Man. N.Z. Coleop. 175, No. 313.

Sub-family ANISOTOMINÆ.

Clambus, Fisher, 1820.
domesticus, Broun. Man. N.Z. Coleop. 762, No. 1350.
vestitus, Broun. Man. N.Z. Coleop. 762, No. 1351.
suffusus, Broun. Man. N.Z. Coleop. 762, No. 1352.

Family HISTERIDÆ.

Platysoma, Leach, 1817.
bakewelli, Marseul. Man. N.Z. Coleop. 161, No. 291.
cinnamoneus, White. Man. N.Z. Coleop. 161, No. 292.

Sternaulax, Marseul, 1862.
zealandicus, Marseul. Man. N.Z. Coleop. 162, No. 293.

Epierus, Erichson, 1834.
sylvanus, Broun. Man. N.Z. Coleop. 163, No. 294.
purus, Broun. Man. N.Z. Coleop. 163, No. 295.
abrogatus, Broun. Man. N.Z. Coleop. 892, No. 1588.
planiceps, Broun. Man. N.Z. Coleop. 892, No. 1589.
crenulatus, Broun. Man. N.Z. Coleop. 892, No. 1590.
simplex, Broun. Man. N.Z. Coleop. 893, No. 1591.
rusticus, Broun. Man. N.Z. Coleop. 893, No. 1592.

Saprinus, Erichson, 1834.
pseudocyaneus, White. Man. N.Z. Coleop. 164, No. 296.
punctulipennis, Broun. Man. N.Z. Coleop. 165, No. 297.
latipes, Broun. Man. N.Z. Coleop. 666, No. 1163.

Pachylopus, Erichson, 1834.
pedator, Sharp. Man. N.Z. Coleop. 165, No. 298.
lepidulus, Broun. Man. N.Z. Coleop. 665, No. 1162.

Abraeus, Leach, 1817.
brouni, Lewis. Man. N.Z. Coleop. 166, No. 299.

- Abræus vividulus**, Broun. Man. N.Z. Coleop. 166, No. 300.
brunneus, Broun. Man. N.Z. Coleop. 666, No. 1164.

Family SCAPIDIIDÆ.

- Scaphisoma**, Leach, 1812.
concinnum, Broun. Man. N.Z. Coleop. 158, No. 287.
scutellare, Redtenbacher. Man. N.Z. Coleop. 159, No. 288.
tenellum, Pascoe. Man. N.Z. Coleop. 159, No. 289.
apicellum, Broun. Man. N.Z. Coleop. 160, No. 290.
actuosum, Broun. Man. N.Z. Coleop. 664, No. 1159.
- Bæocera**, Erichson, 1845.
rufa, Broun. Man. N.Z. Coleop. 665, No. 1161.
rufipes, Broun. Man. N.Z. Coleop. 833, No. 1481.
fulvicollis, Broun. Man. N.Z. Coleop. 891, No. 1586.
armata, Broun. Man. N.Z. Coleop. 891, No. 1587.

- Brachynopus**, Broun, 1881.
latus, Broun. Man. N.Z. Coleop. 664, No. 1160.

Family CORYLOPHIDÆ.

- Anisomeristes**, Matthews, 1886.
sharpi, Matthews. Ent. Mon. Mag. 1886, xxii. 425.
ater, Matthews. Ent. Mon. Mag. 1886, xxii. 425.
- Sacina**, Broun, 1893.
oblonga, Broun. Man. N.Z. Coleop. 1071, No. 1913.
- Sericoderus**, Stephens, 1829.
fulvicollis, Broun. Man. N.Z. Coleop. 1072, No. 1914.
scutellaris, Broun. Man. N.Z. Coleop. 1073, No. 1915.
basalis, Broun. Man. N.Z. Coleop. 1073, No. 1916.

Family SILPHIDÆ.

- Necrophilus**, Latreille, 1829.
prolongatus, Sharp. Man. N.Z. Coleop. 760, No. 1349.
- Camiarus**, Sharp, 1876.
thoracicus, Sharp. Man. N.Z. Coleop. 148, No. 270.
indiscretus, Broun. Man. N.Z. Coleop. 149, No. 271.
convexus, Sharp. Man. N.Z. Coleop. 150, No. 272.
- Inocatops**, Broun, 1893.
compactus, Broun. Man. N.Z. Coleop. 1066, No. 1907.
flectipes, Broun. Man. N.Z. Coleop. 1067, No. 1908.
nigrescens, Broun. Man. N.Z. Coleop. 1339, No. 2349.
concinus, Broun. Man. N.Z. Coleop. 150, No. 273.
- Microsilpha**, Broun, 1886.
littorea, Broun. Man. N.Z. Coleop. 895, No. 1584.
- Asphærites**, Broun, 1893.
nitidus, Broun. Man. N.Z. Coleop. 1068, No. 1909.

- Catopsolius**, Sharp, 1886.
lævicollis, Sharp. Man. N.Z. Coleop. 1069, No. 1910.
- Isocolon**, Broun, 1893.
hilaris, Broun. Man. N.Z. Coleop. 1070, No. 1912.
- Choleva**, Latreille, 1796.
antennalis, Broun. Man. N.Z. Coleop. 152, No. 274.
alacris, Broun. Man. N.Z. Coleop. 152, No. 275.
granifer, Broun. Man. N.Z. Coleop. 890, No. 1585.
fulvitaris, Broun. Man. N.Z. Coleop. 946, No. 1702.
lugubris, Sharp. Man. N.Z. Coleop. 1069, No. 1911.
relata, Broun. Man. N.Z. Coleop. 1339, No. 2350.
phyllobia, Broun. Man. N.Z. Coleop. 1433, No. 2488.
monticola, Broun. Man. N.Z. Coleop. 1434, No. 2489.
hunuensis, Broun. Man. N.Z. Coleop. 1434, No. 2490.
marginalis, Broun. A.M.N.H. 6, xv. 87.
suturalis, Broun. A.M.N.H. 6, xv. 88.
- Allocatops**, Broun, 1893.
ovalis, Broun. Man. N.Z. Coleop. 1435, No. 2491.
- Mesocolon**, Broun, 1880.
clathrata, Broun. Man. N.Z. Coleop. 153, No. 276.
litorata, Broun. Man. N.Z. Coleop. 154, No. 277.
puncticeps, Broun. Man. N.Z. Coleop. 154, No. 278.
undulata, Broun. Man. N.Z. Coleop. 154, No. 279.
bicolor, Broun. Man. N.Z. Coleop. 155, No. 280.
nebulosa, Broun. Man. N.Z. Coleop. 155, No. 281.
maculifer, Broun. Man. N.Z. Coleop. 156, No. 282.
hirtalis, Broun. Man. N.Z. Coleop. 156, No. 283.
punctulata, Broun. Man. N.Z. Coleop. 157, No. 284.
torva, Broun. Man. N.Z. Coleop. 157, No. 285.
domestica, Broun. Man. N.Z. Coleop. 158, No. 286.
varia, Broun. Man. N.Z. Coleop. 946, No. 1703.
- Bæosilpha**, Broun, 1895.
rufescens, Broun. A.M.N.H. 6, xv. 85.
- Mesagyrtes**, Broun, 1895.
scabripes, Broun. A.M.N.H. 6, xv. 86.
- Silphotelus**, Broun, 1895.
nitidus, Broun. A.M.N.H. 6, xv. 84.

Family SCYDMÆNIDÆ.

- Scydmaenus**, Latreille, 1802.
edwardsi, Sharp. Man. N.Z. Coleop. 144, No. 264.
ambiguus, Broun. Man. N.Z. Coleop. 145, No. 265.
puncticollis, Broun. Man. N.Z. Coleop. 146, No. 266.
princeps, Broun. Man. N.Z. Coleop. 924, No. 1656.
galerus, Broun. Man. N.Z. Coleop. 924, No. 1657.

Scydmaenus elongellus, Broun. Man. N.Z. Coleop. 1338,
No. 2347.

lætans, Broun. Man. N.Z. Coleop. 663, No. 1158.

cilipes, Broun. A.M.N.H. 6, xii. 178.

cedius, Broun. A.M.N.H. 6, xii. 179.

allocerus, Broun. A.M.N.H. 6, xii. 179.

brachycerus, Broun. A.M.N.H. 6, xii. 180.

xanthopus, Broun. A.M.N.H. 6, xii. 181.

heterarthus, Broun. A.M.N.H. 6, xii. 181.

relatus, Broun. A.M.N.H. 6, xii. 182.

insignis, Broun. A.M.N.H. 6, xii. 182.

Phaganophana, King, 1864.

setosa, Sharp. Man. N.Z. Coleop. 146, No. 267.

picicollis, Broun. Man. N.Z. Coleop. 147, No. 268.

calva, Broun. Man. N.Z. Coleop. 147, No. 269.

oreas, Broun. Man. N.Z. Coleop. 925, No. 1658.

lanosa, Broun. Man. N.Z. Coleop. 925, No. 1659.

angustata, Broun. Man. N.Z. Coleop. 926, No. 1660.

planiceps, Broun. Man. N.Z. Coleop. 1063, No. 1900.

munroi, Broun. Man. N.Z. Coleop. 1063, No. 1901.

antennalis, Broun. Man. N.Z. Coleop. 1064, No. 1902.

stenocera, Broun. Man. N.Z. Coleop. 1064, No. 1903.

latiuscula, Broun. Man. N.Z. Coleop. 1064, No. 1904.

sanguinea, Broun. Man. N.Z. Coleop. 1065, No. 1905.

erythronota, Broun. Man. N.Z. Coleop. 1065, No. 1906.

ovipennis, Broun. Man. N.Z. Coleop. 1339, No. 2348.

russata, Broun. Man. N.Z. Coleop. 1432, No. 2485.

monilifer, Broun. Man. N.Z. Coleop. 1432, No. 2486.

angulata, Broun. Man. N.Z. Coleop. 1433, No. 2487.

Sciacharis, Broun, 1893.

fulva, Broun. Man. N.Z. Coleop. 1062, No. 1899.

Family PSELAPHIDÆ.*

Tyrus, Aubé, 1833.

crassipes, Broun. Man. N.Z. Coleop. 1337, No. 2345.

Euglyptus, Broun, 1893.

elegans, Broun. Man. N.Z. Coleop. 1412, No. 2460.

costifer, Broun. A.H.N.H. 6, xii. 166.

Microtyrus, Broun, 1893.

punctatus, Broun. Man. N.Z. Coleop. 1413, No. 2461.

Tyrogetus, Broun, 1893.

optandus, Broun. A.H.N.H. 6, xii. 166.

* See A.M.N.H. 6, xv. 68.

Hamotulus, Schaufuss, 1887.

- mutandus**, Sharp. Man. N.Z. Coleop. 121, No. 225.
armatus, Broun. Man. N.Z. Coleop. 1043, No. 1866.
spinipes, Broun. Man. N.Z. Coleop. 1411, No. 2459.
sternalis, Broun. A.M.N.H. 6, xii. 168.
curvipes, Broun. A.M.N.H. 6, xii. 170.

Pselaphus, Herbst, 1792.

- pauper**, Sharp. Man. N.Z. Coleop. 122, No. 226.
pilistriatus, Broun. Man. N.Z. Coleop. 123, No. 227.
dulcis, Broun. Man. N.Z. Coleop. 660, No. 1153.
cæcus, Broun. Man. N.Z. Coleop. 943, No. 1696.
delicatus, Broun. Man. N.Z. Coleop. 943, No. 1697.
fuscopilus, Broun. Man. N.Z. Coleop. 944, No. 1698.
citimus, Broun. Man. N.Z. Coleop. 1043, No. 1867.
meliusculus, Broun. Man. N.Z. Coleop. 1044, No. 1868.
cavelli, Broun. Man. N.Z. Coleop. 1414, No. 2462.
sulcicollis, Broun. Man. N.Z. Coleop. 1415, No. 2463.

Gastrobothrus, Broun, 1886 = *Physa*, Raffray, 1890 (not of Draparnaud, 1801).

- inflata**, Sharp. Man. N.Z. Coleop. 124, No. 228.
sharpi, Broun. Man. N.Z. Coleop. 124, No. 229.
abdominalis, Broun. Man. N.Z. Coleop. 125 and 758,
 No. 230.

Eupines, King, 1864.

- rudicornis**, Broun. Man. N.Z. Coleop. 759, No. 1347.
micans, Sharp. Man. N.Z. Coleop. 126, No. 231.
clavata, Broun. Man. N.Z. Coleop. 126, No. 232.
picipes, Broun. Man. N.Z. Coleop. 127, No. 233.
dispar, Sharp. Man. N.Z. Coleop. 127, No. 234.
impressifrons, Broun. Man. N.Z. Coleop. 128, No. 235.
munda, Broun. Man. N.Z. Coleop. 129, No. 236.
crassicornis, Broun. Man. N.Z. Coleop. 129, No. 237.
deformis, Sharp. Man. N.Z. Coleop. 130, No. 238.
impar, Sharp. Man. N.Z. Coleop. 130, No. 239.
grata, Sharp. Man. N.Z. Coleop. 131, No. 240.
altula, Broun. Man. N.Z. Coleop. 131, No. 241.
nasuta, Broun. Man. N.Z. Coleop. 132, No. 242.
sanguinea, Broun. Man. N.Z. Coleop. 132, No. 242.
pagana, Broun. Man. N.Z. Coleop. 660, No. 1154.
ignota, Broun. Man. N.Z. Coleop. 661, No. 1155.
glabrata, Broun. Man. N.Z. Coleop. 830, No. 1476.
nemoralis, Broun. Man. N.Z. Coleop. 831, No. 1477.
punctata, Broun. Man. N.Z. Coleop. 831, No. 1478.
calcarata, Broun. Man. N.Z. Coleop. 831, No. 1479.
sylvicola, Broun. Man. N.Z. Coleop. 919, No. 1645.
fraudenta, Broun. Man. N.Z. Coleop. 944, No. 1699.

- Eupines euplectoides**, Broun. Man. N.Z. Coleop. 1045, No. 1869.
decens, Broun. Man. N.Z. Coleop. 1046, No. 1870.
munroi, Broun. T.N.Z.I. xxii. 231; Man. N.Z. Coleop. 1046, No. 1871.
forficulida, Broun. T.N.Z.I. xxii. 232; Man. N.Z. Coleop. 1047, No. 1872.
foveatissima, Broun. T.N.Z.I. xxii. 233; Man. N.Z. Coleop. 1047, No. 1873.
platynota, Broun. Man. N.Z. Coleop. 1338, No. 2346.
conspicua, Broun. Man. N.Z. Coleop. 1415, No. 2464.
costata, Broun. Man. N.Z. Coleop. 1416, No. 2465.
platyarthra, Broun. Man. N.Z. Coleop. 1417, No. 2466.
mundula, Broun. Man. N.Z. Coleop. 1417, No. 2467.
fulvitaris, Broun. Man. N.Z. Coleop. 1418, No. 2468.
- Parmipalpus**, Broun, 1881.
montivagus, Broun. Man. N.Z. Coleop. 662, No. 1156.
- Startes**, Broun, 1886.
sculpturata, Broun. Man. N.Z. Coleop. 830, No. 1475.
foveata, Broun. A.M.N.H. 6, xii. 170.
- Dalma**, Sharp, 1874.
pubescens, Sharp. Man. N.Z. Coleop. 133, No. 244.
- Dalmisus**, Sharp, 1886.
batrisodes, Sharp. Man. N.Z. Coleop. 1049, No. 1874.
- Sagola**, Sharp, 1874.
major, Sharp. Man. N.Z. Coleop. 135, No. 246.
prisca, Sharp. Man. N.Z. Coleop. 136, No. 247.
misella, Sharp. Man. N.Z. Coleop. 136, No. 248.
parva, Sharp. Man. N.Z. Coleop. 136, No. 249.
pulcher, Broun. Man. N.Z. Coleop. 137, No. 250.
notabilis, Broun. Man. N.Z. Coleop. 137, No. 251.
deformipes, Broun. Man. N.Z. Coleop. 138, No. 252.
denticollis, Broun. Man. N.Z. Coleop. 138, No. 253.
genalis, Broun. Man. N.Z. Coleop. 663, No. 1157.
terricola, Broun. Man. N.Z. Coleop. 832, No. 1480.
castanea, Broun. Man. N.Z. Coleop. 884, No. 1573.
excavata, Broun. Man. N.Z. Coleop. 884, No. 1574.
sulcator, Broun. Man. N.Z. Coleop. 885, No. 1575.
osculans, Broun. Man. N.Z. Coleop. 885, No. 1576.
fovealis, Broun. Man. N.Z. Coleop. 886, No. 1577.
elevata, Broun. Man. N.Z. Coleop. 886, No. 1578.
brevitaris, Broun. Man. N.Z. Coleop. 887, No. 1579.
bipunctata, Broun. Man. N.Z. Coleop. 887, No. 1580.
duplicata, Broun. Man. N.Z. Coleop. 888, No. 1581.
tenuis, Broun. Man. N.Z. Coleop. 888, No. 1582.

- Sagola convexa**, Broun. Man. N.Z. Coleop. 889, No. 1583.
insignis, Broun. Man. N.Z. Coleop. 1049, No. 1875.
hirtalis, Broun. Man. N.Z. Coleop. 1050, No. 1876.
sobrina, Broun. Man. N.Z. Coleop. 1050, No. 1877.
rectipes, Broun. Man. N.Z. Coleop. 1051, No. 1878.
insolens, Broun. Man. N.Z. Coleop. 1051, No. 1879.
punctata, Broun. Man. N.Z. Coleop. 1052, No. 1880.
fulva, Broun. Man. N.Z. Coleop. 1052, No. 1881.
ruficeps, Broun. Man. N.Z. Coleop. 1053, No. 1882.
parallela, Broun. Man. N.Z. Coleop. 1053, No. 1883.
anisarthra, Broun. Man. N.Z. Coleop. 1053, No. 1884.
macronyx, Broun. Man. N.Z. Coleop. 1418, No. 2466.
mimica, Broun. Man. N.Z. Coleop. 1419, No. 2467.
robusta, Broun. Man. N.Z. Coleop. 1420, No. 2468.
laminata, Broun. Man. N.Z. Coleop. 1421, No. 2469.
immota, Broun. Man. N.Z. Coleop. 1422, No. 2470.
flavipes, Broun. Man. N.Z. Coleop. 1422, No. 2471.
elongata, Broun. Man. N.Z. Coleop. 1423, No. 2472.
gracilis, Broun. Man. N.Z. Coleop. 1424, No. 2473.
lineata, Broun. A.M.N.H. 6, xii. 175.
pertinax, Broun. A.M.N.H. 6, xii. 176.
citima, Broun. A.M.N.H. 6, xii. 177.
rugifrons, Broun. A.M.N.H. 6, xv. 73.
spinifer, Broun. A.M.N.H. 6, xv. 75.
eminens, Broun. A.M.N.H. 6, xv. 75.
punctulata, Raffray. Rev. Ent. Fr. 1893, 22.
frontalis, Raffray. Rev. Ent. Fr. 1893, 23.
sharpi, Raffray. Rev. Ent. Fr. 1893, 26.
brevicornis, Raffray. Rev. Ent. Fr. 1893, 27.
- Exeirarthra**, Broun, 1893.
enigma, Broun. Man. N.Z. Coleop. 1054, No. 1885.
pallida, Broun. Man. N.Z. Coleop. 1424, No. 247.
- Vidanus**, Raffray, 1898.
convexus, Sharp. Man. N.Z. Coleop. 139, No. 254.
- Sagolonus**, Raffray, 1898.
patronus, Broun. Man. N.Z. Coleop. 1060, No. 1896.
- Zelandius**, Raffray, 1898.
asper, Broun. Man. N.Z. Coleop. 140, No. 256.
- Whitea**, Hutton, 1894 = *Brounia*, Raffray, 1898 (not of Sharp, 1878).
lævifrons, Broun. Man. N.Z. Coleop. 1425, No. 2475.
- Plectomorphus**, Raffray, 1898.
spinifer, Broun. Man. N.Z. Coleop. 1426, No. 2476.
- Euplectus** (?), Leach, 1817.
trisulcicollis, Broun. Man. N.Z. Coleop. 140, No. 255.

Euplectus longulus, Broun. Man. N.Z. Coleop. 141, No. 257.

- opacus**, Sharp. Man. N.Z. Coleop. 141, No. 258.
sculpturatus, Broun. Man. N.Z. Coleop. 142, No. 259.
frontalis, Broun. Man. N.Z. Coleop. 142, No. 260.
brevitarsis, Broun. Man. N.Z. Coleop. 143, No. 261.
ovicollis, Broun. Man. N.Z. Coleop. 143, No. 262.
foveolatus, Broun. Man. N.Z. Coleop. 143, No. 263.
tuberigerus, Broun. Man. N.Z. Coleop. 760, No. 1348.
crassipes, Broun. Man. N.Z. Coleop. 919, No. 1646.
patruelis, Broun. Man. N.Z. Coleop. 919, No. 1647.
monticola, Broun. Man. N.Z. Coleop. 920, No. 1648.
ovithorax, Broun. Man. N.Z. Coleop. 920, No. 1649.
obnisus, Broun. Man. N.Z. Coleop. 921, No. 1650.
vacuus, Broun. Man. N.Z. Coleop. 921, No. 1651.
incomptus, Broun. Man. N.Z. Coleop. 921, No. 1652.
mirificus, Broun. Man. N.Z. Coleop. 922, No. 1653.
u-impessus, Broun. Man. N.Z. Coleop. 923, No. 1654.
cereus, Broun. Man. N.Z. Coleop. 923, No. 1655.
eminens, Broun. Man. N.Z. Coleop. 945, No. 1700.
auripilus, Broun. Man. N.Z. Coleop. 945, No. 1701.
mœrens, Broun. Man. N.Z. Coleop. 1055, 1886.
lepiphorus, Broun. Man. N.Z. Coleop. 1056, No. 1887.
validus, Broun. Man. N.Z. Coleop. 1056, No. 1888.
scruposus, Broun. Man. N.Z. Coleop. 1057, No. 1889.
allocephalus, Broun. Man. N.Z. Coleop. 1057, No. 1890.
acuminatus, Broun. Man. N.Z. Coleop. 1058, No. 1891.
clevedonensis, Broun. Man. N.Z. Coleop. 1058, No. 1892.
sandageri, Broun. Man. N.Z. Coleop. 1059, No. 1893.
personatus, Broun. Man. N.Z. Coleop. 1059, No. 1894.
unicus, Broun. Man. N.Z. Coleop. 1060, No. 1895.
verticalis, Broun. Man. N.Z. Coleop. 1061, No. 1897.
antiquus, Broun. Man. N.Z. Coleop. 1061, No. 1898.
munroi, Broun. Man. N.Z. Coleop. 1426, No. 2477.
obscurus, Broun. Man. N.Z. Coleop. 1427, No. 2478.
coxalis, Broun. Man. N.Z. Coleop. 1428, No. 2479.
inscitus, Broun. Man. N.Z. Coleop. 1428, No. 2480.
iracundus, Broun. Man. N.Z. Coleop. 1429, No. 2481.
caudatus, Broun. Man. N.Z. Coleop. 1429, No. 2482.
claviger, Broun. Man. N.Z. Coleop. 1480, No. 2483.
tumipes, Broun. A.M.N.H. 6, xv. 76.
parvulus, Broun. A.M.N.H. 6, xv. 77.
modestus, Broun. A.M.N.H. 6, xv. 78.
arohaensis, Broun. A.M.N.H. 6, xv. 79.
foveiceps, Broun. A.M.N.H. 6, xv. 80.
semiopacus, Broun. A.M.N.H. 6, xv. 81.
pusillus, Broun. A.M.N.H. 6, xv. 82.

Family STAPHYLINIDÆ.

Sub-family ALEOCHARINÆ.

- Falagria**, Mannerheim, 1830.
micans, Broun. Man. N.Z. Coleop. 96, No. 176.
subopaca, Broun. Man. N.Z. Coleop. 1405, No. 2449.
- Ocalea**, Erichson, 1837.
socialis, Broun. Man. N.Z. Coleop. 90, No. 167.
crepera, Broun. A.M.N.H. 6, xiv. 380.
- Aleochara**, Gravenhorst, 1802.
puber, Broun. Man. N.Z. Coleop. 90, No. 166.
semifusca, Broun. A.M.N.H. 6, xiv. 386
subænea, Fauvel. Man. N.Z. Coleop. 91, No. 167.
- Calodera**, Mannerheim, 1830.
flavescens, Broun. Man. N.Z. Coleop. 93, No. 171.
optabilis, Broun. Man. N.Z. Coleop. 94, No. 172.
ærarica, Broun. Man. N.Z. Coleop. 94, No. 173.
thoracica, Broun. Man. N.Z. Coleop. 95, No. 174.
fulgens, Broun. Man. N.Z. Coleop. 95, No. 175.
algophila, Broun. Man. N.Z. Coleop. 941, No. 1693.
sericophora, Broun. A.M.N.H. 6, xiv. 381.
granifer, Broun. A.M.N.H. 6, xiv. 381.
diversa, Broun. A.M.N.H. 6, xiv. 382.
vestita, Broun. A.M.N.H. 6, xiv. 383.
tumidella, Broun. A.M.N.H. 6, xiv. 383.
bituberculata, Broun. A.M.N.H. 6, xiv. 384.
fungicola, Broun. A.M.N.H. 6, xiv. 384.
rufipennis, Broun. Man. N.Z. Coleop. 92, No. 170.
- Tachyusa**, Erichson, 1837.
fuscicornis, Broun. Man. N.Z. Coleop. 92, No. 169.
- Homalota**, Mannerheim, 1825.
cornigera, Broun. Man. N.Z. Coleop. 91, No. 165.
atriceps, Broun. Man. N.Z. Coleop. 91, No. 164.
- Polylobus**, Solsky, 1851.
sternalis, Broun. Man. N.Z. Coleop. 88, No. 160.
- Aphytopus**, Sharp, 1886.
gracilis, Sharp. Man. N.Z. Coleop. 1025, No. 1835.
- Gyrophæna**, Mannerheim, 1830.
punctata, Broun. Man. N.Z. Coleop. 87, No. 159.
nugax, Broun. Man. N.Z. Coleop. 88, No. 161.
densicornis, Broun. Man. N.Z. Coleop. 89, No. 162.
versicolor, Broun. Man. N.Z. Coleop. 89, No. 163.
atriceps, Broun. Man. N.Z. Coleop. 89, No. 164.
- Encephalus**, Stephens, 1832.
latulus, Broun. A.M.N.H. 6, xiv. 386.

Sub-family DIGRAMMINÆ.

Digrammus, Fauvel, 1900.**miricollis**, Fauvel. Rev. Ent. Fr. xix. 124.

Sub-family TACHYPORINÆ.

Conurus, Stephens, 1832.**largulus**, Broun. Man. N.Z. Coleop. 97, No. 177.**austerus**, Broun. Man. N.Z. Coleop. 97, No. 178.**subruber**, Broun. Man. N.Z. Coleop. 98, No. 179.**badius**, Broun. Man. N.Z. Coleop. 98, No. 180.**flavithorax**, Broun. Man. N.Z. Coleop. 98, No. 181.**acerbus**, Broun. Man. N.Z. Coleop. 99, No. 182.**atricapillus**, Broun. Man. N.Z. Coleop. 99, No. 183.**auricomus**, Broun. Man. N.Z. Coleop. 100, No. 184.**nubilus**, Broun. Man. N.Z. Coleop. 100, 185.**maculosus**, Broun. Man. N.Z. Coleop. 100, No. 186.**maorinus**, Broun. Man. N.Z. Coleop. 1025, No. 1836.**brevicornis**, Broun. Man. N.Z. Coleop. 1405, No. 2450.**niticollis**, Broun. Man. N.Z. Coleop. 1406, No. 2451.

Sub-family STAPHYLININÆ.

Quedius, Stephens, 1832.**ruficornis**, Broun. Man. N.Z. Coleop. 111, No. 205.**æneoceps**, Broun. Man. N.Z. Coleop. 111, No. 206.**enodis**, Broun. Man. N.Z. Coleop. 111, No. 207.**veteratorius**, Broun. Man. N.Z. Coleop. 112, No. 208.**avidus**, Broun. Man. N.Z. Coleop. 112, No. 209.**arctifrons**, Broun. Man. N.Z. Coleop. 112, No. 210.**fuscatus**, Broun. Man. N.Z. Coleop. 1027, No. 1839.**antipodus**, Sharp. Man. N.Z. Coleop. 1028, No. 1840.**edwardsi**, Sharp. Man. N.Z. Coleop. 1029, No. 1841.**insolitus**, Sharp. Man. N.Z. Coleop. 1029, No. 1842.**latifrons**, Sharp. Man. N.Z. Coleop. 1030, No. 1843.**discrepans**, Broun. Man. N.Z. Coleop. 1030, No. 1844.**latimanus**, Broun. Man. N.Z. Coleop. 1031, No. 1845.**collinus**, Broun. Man. N.Z. Coleop. 1031, No. 1846.**cavelli**, Broun. Man. N.Z. Coleop. 1032, No. 1847.**agathis**, Broun. Man. N.Z. Coleop. 1407, No. 2453.**sciticollis**, Broun. A.M.N.H. 6, xiv. 420.**conspicuellus**, Broun. A.M.N.H. 6, xiv. 421.**scutellaris**, Broun. A.M.N.H. 6, xiv. 422.**puncticollis**, Broun. A.M.N.H. 6, xiv. 422.**ambiguus**, Broun. A.M.N.H. 6, xiv. 423.**taieriensis**, Broun. A.M.N.H. 6, xiv. 424.**Cafioquedus**, Sharp, 1866.**gularis**, Sharp. Man. N.Z. Coleop. 1033, No. 1848.

Staphylinus, Linnaeus, 1758.

- oculatus*, Fabricius. Man. N.Z. Coleop. 107, No. 199.
huttoni, Broun. Man. N.Z. Coleop. 108, No. 200.

Xantholinus, Serville, 1825.

- sharpi*, Broun. Man. N.Z. Coleop. 102, No. 188.
cultus, Broun. Man. N.Z. Coleop. 103, No. 189.
arecæ, Broun. Man. N.Z. Coleop. 103, No. 190.
mediocris, Broun. Man. N.Z. Coleop. 104, No. 191.
labralis, Broun. Man. N.Z. Coleop. 104, No. 192.
socius, Fauvel. Man. N.Z. Coleop. 104, No. 193.
puncticeps, Broun. Man. N.Z. Coleop. 104, No. 195.

Pachycorynus, Motschulsky, 1858.

- dimorphus*, Fauvel. Rev. Ent. Soc. Fr. 1892, 92.

Metoponcus, Kraatz, 1857.

- brouni*, Sharp. Man. N.Z. Coleop. 106, No. 196.
fulvipes, Broun. Man. N.Z. Coleop. 106, No. 197.
rufulus, Broun. Man. N.Z. Coleop. 106, No. 198.

Cafius, Leach, 1830.

- litoreus*, Broun. Man. N.Z. Coleop. 108, No. 201.
maritimus, Broun. Man. N.Z. Coleop. 109, No. 202.
quadri-impressus (fem.), White. Man. N.Z. Coleop. 108,
 No. 201 = *caviceps* (male), Broun. Man. N.Z. Coleop.
 942, No. 1694.
algophilus, Broun. A.M.N.H. 6, xiv. 419.

Othius, Stephens, 1832.

- adustus*, Broun. Man. N.Z. Coleop. 101, No. 187.
angustus, Broun. Man. N.Z. Coleop. 1026, No. 1837.
puncticeps, Broun. A.M.N.H. 6, xiv. 419.

Sub-family PÆDERINÆ.

Lithocharis, Lacordaire, 1835.

- zealandicus*, Redtenbacher. Man. N.Z. Coleop. 114, No.
 212.
mandibularis, Broun. Man. N.Z. Coleop. 114, No. 213.
ventralis, Broun. Man. N.Z. Coleop. 115, No. 214.
cæcus, Broun. A.M.N.H. 6, xiv. 424.

Phanophilus, Sharp, 1886.

- comptus*, Broun. Man. N.Z. Coleop. 1026 and 114, No.
 211.

Hyperomma, Fauvel, 1878.

- dispersum*, Fauvel. Man. N.Z. Coleop. 1408, No. 2454.
mandibulare, Broun. Man. N.Z. Coleop. 1409, No. 2455.
duplicatum, Broun. Man. N.Z. Coleop. 1409, No. 2456.
sanguineum, Broun. A.M.N.H. 6, xiv. 425.

Sub-family OXYTELINÆ.

Coprostygnus, Sharp, 1886.

- sculptipennis*, Sharp. Man. N.Z. Coleop. 1027, No. 1838.
optandus, Broun. Man. N.Z. Coleop. 1409, No. 2457.

Holotrochus, Erichson, 1840.

- ferrugineus*, Broun. Man. N.Z. Coleop. 1034, No. 1849.
brevipennis, Broun. Man. N.Z. Coleop. 1034, No. 1850.

Sub-family OMALINÆ.

Omalium, Gravenhorst, 1802.

- hebes*, Broun. Man. N.Z. Coleop. 116, No. 215.
sulcithorax, Broun. Man. N.Z. Coleop. 116, No. 216.
agrestis, Broun. Man. N.Z. Coleop. 117, No. 217.
spadix, Broun. Man. N.Z. Coleop. 117, No. 218.
pullum, Broun. Man. N.Z. Coleop. 120, No. 223.
tibiale, Broun. Man. N.Z. Coleop. 120, No. 224.
littoreum, Broun. Man. N.Z. Coleop. 942, No. 1695.
sagoloide, Sharp. Man. N.Z. Coleop. 1035, No. 1851.
actobium, Broun. Man. N.Z. Coleop. 1035, No. 1852.
cariniferum, Broun. Man. N.Z. Coleop. 1036, No. 1853.
antipodum, Broun. Man. N.Z. Coleop. 1036, No. 1854.
chalmeri, Broun. Man. N.Z. Coleop. 1037, No. 1855.
micrarthrum, Broun. Man. N.Z. Coleop. 1037, No. 1856.
cognatum, Broun. Man. N.Z. Coleop. 1038, No. 1857.
monilifer, Broun. Man. N.Z. Coleop. 1038, No. 1858.
debile, Broun. Man. N.Z. Coleop. 1039, No. 1859.
prolixum, Broun. Man. N.Z. Coleop. 1039, No. 1860.
stenosoma, Broun. Man. N.Z. Coleop. 1040, No. 1861.
tenellum, Broun. Man. N.Z. Coleop. 1410, No. 2458.
fusciventre, Broun. A.M.N.H. 6, xiv. 426.
australe, Broun. A.M.N.H. 6, xiv. 426.
philpoti, Broun. A.M.N.H. 6, xiv. 427.
perplexum, Broun. A.M.N.H. 6, xiv. 428.

Ischnoderus, Fauvel, 1867.

- tectus*, Broun. Man. N.Z. Coleop. 117, No. 219.
genalis, Broun. Man. N.Z. Coleop. 118, No. 220.
pictulus, Broun. Man. N.Z. Coleop. 1040, No. 1862.
morosus, Broun. Man. N.Z. Coleop. 1041, No. 1863.
fultoni, Broun. Man. N.Z. Coleop. 1041, No. 1864.
politulus, Broun. Man. N.Z. Coleop. 119, No. 221.

Omalissus, Broun, 1893.

- castaneus*, Broun. Man. N.Z. Coleop. 1042, No. 1865.

Trogophlæus, Mannerheim, 1830.

- zealandicus*, Sharp. Ent. Mag. xxxvi. 233.

Blediotrogus, Sharp, 1900.

- guttiger*, Sharp. Ent. Mag. xxxvi. 234.
cribricollis, Fauvel. Rev. Ent. Fr. xix. 184.

Series HETEROMERA.
 Family TENEBRIONIDÆ.
 Sub-family OPATRINÆ.

- Opatrum**, Fabricius, 1775.
lævigatum, Fabricius. Ent. Syst. i. 89, 5.
- Pseudopatrum**, Sharp, 1886.
tuberculicostatum, White. Man. N.Z. Coleop. 353, No. 642.
sordidum, Sharp. Man. N.Z. Coleop. 1152, No. 2041.
- Mesopatrum**, Broun, 1893.
granulosum, Broun. Man. N.Z. Coleop. 1355, No. 2376.
- Periatrum**, Sharp, 1886.
helmsi, Sharp. Man. N.Z. Coleop. 1153, No. 2042.
tumipes, Broun. Man. N.Z. Coleop. 1456, No. 2527.
- Syrphetodes**, Pascoe, 1875.
marginatus, Pascoe. Man. N.Z. Coleop. 352, No. 640.
crenatus, Broun. Man. N.Z. Coleop. 352, No. 641.
decoratus, Broun. Man. N.Z. Coleop. 353, No. 643.
bullatus, Sharp. Man. N.Z. Coleop. 1150, No. 2039.
sylvius, Broun. Man. N.Z. Coleop. 1150, No. 2040.
cordipennis, Broun. Man. N.Z. Coleop. 1457, No. 2528.
dorsalis, Broun. Man. N.Z. Coleop. 1458, No. 2529.
punctatus, Broun. Man. N.Z. Coleop. 1458, No. 2530.
- Paraphylax**, Broun, 1880.
squamiger, Broun. Man. N.Z. Coleop. 355, No. 644.
varius, Broun. Man. N.Z. Coleop. 355, No. 645.
binodosus, Broun. A.M.N.H. 6, xv. 240.
- Exohadrus**, Broun, 1893.
volutithorax, Broun. Man. N.Z. Coleop. 356 and 1153, No. 646.
- Sub-family TRACHYSCELINÆ.
- Chærodes**, White, 1846.
trachyscelides, White. Man. N.Z. Coleop. 357, No. 647.
lætus, Broun. Man. N.Z. Coleop. 358, No. 648.
concolor, Sharp. Man. N.Z. Coleop. 358, No. 649.
fuscatus, Broun. A.M.N.H. 6, xv. 241.
- Actizeta**, Pascoe, 1875.
ammobioides, Pascoe. Man. N.Z. Coleop. 359, No. 652.
albata, Pascoe. Man. N.Z. Coleop. 360, No. 653.
- Sub-family DIAPERINÆ.
- Menimus**, Sharp, 1876.
batesi, Sharp. Man. N.Z. Coleop. 361, No. 654.

- Menimus puncticeps**, Broun. Man. N.Z. Coleop. 361, No. 655.
oblongus, Broun. Man. N.Z. Coleop. 362, No. 656.
cæcus, Sharp. Man. N.Z. Coleop. 362, No. 657.
crinalis, Broun. Man. N.Z. Coleop. 363, No. 658.
crassus, Sharp. Man. N.Z. Coleop. 363, No. 659.
dubius, Broun. Man. N.Z. Coleop. 363, No. 660.
obscurus, Broun. Man. N.Z. Coleop. 364, No. 661.
thoracicus, Broun. Man. N.Z. Coleop. 364, No. 662.
curtulus, Broun. Man. N.Z. Coleop. 785, No. 1401.
piceus, Broun. Man. N.Z. Coleop. 786, No. 1402.
striatulus, Broun. Man. N.Z. Coleop. 842, No. 1497.
sinuatus, Broun. Man. N.Z. Coleop. 842, No. 1498.
vicinus, Broun. A.M.N.H. 6, xii. 288.
lævicollis, Broun. A.M.N.H. 6, xv. 242.
- Bolitophagus**, Illiger, 1798.
angulifer, Blanchard. Voy. Pole Sud. iv. p. 167.
- Uloma**, Castelnau, 1840.
tenebrionoides, White. Man. N.Z. Coleop. 366, No. 663.
lævicostata, Blanchard. Voy. Pole Sud, iv. 165.
- Ulomotypus**, Broun, 1886.
lævigatus, Broun. Man. N.Z. Coleop. 841, No. 1496.
- Apthora**, Bates, 1872.
ruficeps, Bates. Man. N.Z. Coleop. 367, No. 664.
glabritarsis, Sharp. Man. N.Z. Coleop. 1153, No. 2043.
- Cilibe**, Brème, 1842.
opacula, Bates. Man. N.Z. Coleop. 368, No. 665.
nitidula, Bates. Man. N.Z. Coleop. 369, No. 666.
otagensis, Bates. Man. N.Z. Coleop. 370, No. 667.
elongata, Brème. Man. N.Z. Coleop. 371, No. 668.
pascoei, Bates. Man. N.Z. Coleop. 372, No. 669.
humeralis, Bates. Man. N.Z. Coleop. 373, No. 670.
thoracica, Bates. Man. N.Z. Coleop. 373, No. 671.
brevipennis, Bates. Man. N.Z. Coleop. 374, No. 672.
granulosa, Brème. Man. N.Z. Coleop. 375, No. 673.
rugosa, Bates. Man. N.Z. Coleop. 375, No. 674.
tibialis, Bates. Man. N.Z. Coleop. 376, No. 675.
impressifrons, Bates. Man. N.Z. Coleop. 376, No. 676.
buchanani, Broun. Man. N.Z. Coleop. 377, No. 677.
huttoni, Sharp. Man. N.Z. Coleop. 378, No. 678.
marginalis, Broun. Man. N.Z. Coleop. 1155, No. 2047.
phosphugoides, White. Voy. Ereb. and Terr., Insects, 11.
- Zolodinus**, Blanchard, 1853.
zealandicus, Blanchard. Man. N.Z. Coleop. 379, No. 679.
- Loirelus**, Sharp, 1876.
priscus, Sharp. Man. N.Z. Coleop. 381, No. 680.

- Loirelus pubescens**, Broun. Man. N.Z. Coleop. 381, No. 681.
crassicornis, Broun. Man. N.Z. Coleop. 382, No. 682.
quadricollis, Broun. Man. N.Z. Coleop. 786, No. 1403.
- Demetrius**, Broun, 1895.
carinulatus, Broun. A.M.N.H. 6, xv. 243.
- Arthropus**, Sharp, 1876.
brouni, Sharp. Man. N.Z. Coleop. 383, No. 683.
- Edalus**, Broun, 1893.
alienus, Broun. Man. N.Z. Coleop. 391, No. 695.
opacus, Broun. Man. N.Z. Coleop. 1160, No. 2057.
pleuralis, Broun. A.M.N.H. 6, xii. 289.

Sub-family CNODALONINÆ.

- Artystona**, Bates, 1873.
erichsoni, White. Man. N.Z. Coleop. 384, No. 684.
wakefieldi, Bates. Man. N.Z. Coleop. 385, No. 685.
rugiceps, Bates. Man. N.Z. Coleop. 385, No. 686.
obscura, Sharp. Man. N.Z. Coleop. 1154, No. 2044.
collaris, Sharp. Man. N.Z. Coleop. 1154, No. 2045.
obsoleta, Sharp. Man. N.Z. Coleop. 1154, No. 2046.
interrupta, Redtenbacher. Reise Novara, Coleop. 128.

Sub-family HELOPINÆ.

- Adelium**, Kirby, 1818.
harpaloides, White. Voy. Ereb. and Terror, Insects, 11.
bullatum, Pascoe. Man. N.Z. Coleop. 386, No. 687.
intricatum, Bates. Man. N.Z. Coleop. 387, No. 688.
aucklandicum, Broun. Man. N.Z. Coleop. 387, No. 689.
amaroides, White. Man. N.Z. Coleop. 388, No. 690.
æratum, Broun. Man. N.Z. Coleop. 388, No. 691.
lentum, Broun. Man. N.Z. Coleop. 389, No. 692.
zealandicum, Bates. Man. N.Z. Coleop. 390, No. 693.
thoracicum, Bates. Man. N.Z. Coleop. 390, No. 694.
cheesemani, Broun. Man. N.Z. Coleop. 787, 1404.
chalmeri, Broun. Man. N.Z. Coleop. 787, No. 1405.
indagator, Broun. Man. N.Z. Coleop. 839, No. 1494.
rufilabrum, Broun. Man. N.Z. Coleop. 840, No. 1495.
hanseni, Broun. Man. N.Z. Coleop. 929, No. 1668.
nitritulum, Broun. Man. N.Z. Coleop. 930, No. 1669.
multistriatum, Sharp. Man. N.Z. Coleop. 1155, No. 2048.
simplex, Sharp. Man. N.Z. Coleop. 1156, No. 2049.
sericatum, Sharp. Man. N.Z. Coleop. 1156, No. 2050.
intermedium, Sharp. Man. N.Z. Coleop. 1156, No. 2051.
dunedinis, Sharp. Man. N.Z. Coleop. 1157, No. 2052.
urquharti, Broun. Man. N.Z. Coleop. 1157, No. 2053.
miniatum, Broun. Man. N.Z. Coleop. 1157, No. 2054.
gratiosum, Broun. Man. N.Z. Coleop. 1158, No. 2055.

Adelium turgidulum, Broun. Man. N.Z. Coleop. 1158, No. 2056.

tuberculatum, Guerin. Voy. Pole Sud, iv. 175.

simulans, Redtenbacher. Reise Novara, 32.

Cerodolus, Sharp, 1886.

chrysomeloides, Sharp. Man. N.Z. Coleop. 1161, No. 2058.

genialis, Broun. Man. N.Z. Coleop. 1162, No. 2059.

æneus, Broun. Man. N.Z. Coleop. 1162, No. 2060.

Leiopeplus, Broun, 1893.

expolitus, Broun. Man. N.Z. Coleop. 392 and 1160, No. 696.

Sub-family AMARYGMINÆ.

Amarygmus, Dalman, 1823.

zealandicus, Bates. Man. N.Z. Coleop. 394, No. 697.

Family CISTELIDÆ.

Amarosoma, Redtenbacher, 1868.

metallicus, White. Man. N.Z. Coleop. 395, No. 698.

sophoræ, Broun. Man. N.Z. Coleop. 396, No. 699.

Xylochus, Broun, 1880.

substriatus, Broun. Man. N.Z. Coleop. 397, No. 700.

tibialis, Broun. Man. N.Z. Coleop. 397, No. 701.

dentipes, Broun. Man. N.Z. Coleop. 788, No. 1406.

spinifer, Broun. Man. N.Z. Coleop. 1168, No. 2075.

Omedes, Broun, 1893.

nitidus, Broun. Man. N.Z. Coleop. 1169, No. 2076.

fuscatus, Broun. Man. N.Z. Coleop. 1170, No. 2077.

apterus, Broun. A.M.N.H. 6, xv. 244.

Family LAGRIIDÆ.

Lagrioda, Fairmaire et Germain, 1860.

brounii, Pascoe. Man. N.Z. Coleop. 408, No. 721.

Family MELANDRYIDÆ.

Ctenoplectron, Redtenbacher, 1868.

fasciatum, Redtenbacher. Man. N.Z. Coleop. 401, No. 706.

fuliginosum, Broun. Man. N.Z. Coleop. 402, No. 708.

maculatum, Broun. Man. N.Z. Coleop. 691, No. 1213.

costatum, Broun. Man. N.Z. Coleop. 691, No. 1214.

vittatum, Broun. Man. N.Z. Coleop. 844, No. 1500.

coloratum, Broun. Man. N.Z. Coleop. 959, No. 1732.

dignum, Broun. Man. N.Z. Coleop. 960, No. 1733.

Allopterus, Broun, 1886.

reticulatus, Broun. Man. N.Z. Coleop. 790, No. 1410.

ornatus, Broun. Man. N.Z. Coleop. 401, No. 707.

instabilis, Broun. Man. N.Z. Coleop. 844, No. 1501.

cavelli, Broun. Man. N.Z. Coleop. 1356, No. 2377.

Hylobia, Broun, 1880.

- velox*, Broun. Man. N.Z. Coleop. 404, No. 710.
undulata, Broun. Man. N.Z. Coleop. 404, No. 711.
nubeculosa, Broun. Man. N.Z. Coleop. 404, No. 712.
pulla, Broun. Man. N.Z. Coleop. 405, No. 713.
nigricornis, Broun. Man. N.Z. Coleop. 405, No. 714.
calida, Broun. Man. N.Z. Coleop. 405, No. 715.
bifasciata, Broun. Man. N.Z. Coleop. 406, No. 716.
minor, Broun. Man. N.Z. Coleop. 406, No. 717.
cylindrata, Broun. Man. N.Z. Coleop. 406, No. 718.
usitata, Broun. Man. N.Z. Coleop. 407, No. 719.
nigella, Broun. Man. N.Z. Coleop. 407, No. 720.

Chalcodrya, Redtenbacher, 1868.

- variegata*, Redtenbacher. Man. N.Z. Coleop. 403, No. 709.
mollis, Broun. Man. N.Z. Coleop. 960, No. 1734.

Onysius, Broun, 1886.

- anomalus*, Broun. Man. N.Z. Coleop. 843, No. 1499.
pulcher, Broun. Man. N.Z. Coleop. 1357, No. 2378.

Family PYTHIDÆ.

Salpingus, Gyllenhal, 1810.

- perpunctatus*, Broun. Man. N.Z. Coleop. 398, No. 702.
bilunatus, Pascoe. Man. N.Z. Coleop. 398, No. 703.
angusticollis, Broun. Man. N.Z. Coleop. 399, No. 704.
unguiculus, Broun. Man. N.Z. Coleop. 399, No. 704a.
lautus, Broun. Man. N.Z. Coleop. 400, No. 705.
hirtus, Broun. Man. N.Z. Coleop. 789, No. 1407.
simplex, Broun. Man. N.Z. Coleop. 789, No. 1408.
quisquilius, Broun. Man. N.Z. Coleop. 789, No. 1409.
fossulatus, Broun. Man. N.Z. Coleop. 1459, No. 2531.
ornatus, Broun. A.M.N.H. 6, xv. 245.

Family ANTHICIDÆ.

Sub-family ANTHICINÆ.

Cotes, Sharp, 1877.

- vestita*, Sharp. Man. N.Z. Coleop. 411, No. 724.
proba, Broun. Man. N.Z. Coleop. 691, No. 1215.
crispi, Broun. Man. N.Z. Coleop. 412, No. 727.
optima, Broun. Man. N.Z. Coleop. 1165, No. 2067.
punctata, Broun. Man. N.Z. Coleop. 1165, No. 2068.
dorsalis, Broun. Man. N.Z. Coleop. 1166, No. 2069.
distincta, Broun. Man. N.Z. Coleop. 1166, No. 2070.
proxima, Broun. Man. N.Z. Coleop. 1167, No. 2071.
rufa, Broun. Man. N.Z. Coleop. 1167, No. 2072.

Anthicus, Paykull, 1798.

- obscuricornis*, Broun. Man. N.Z. Coleop. 411, No. 725.
pellucidipes, Broun. Man. N.Z. Coleop. 412, No. 726.

- Anthicus minor**, Broun. Man. N.Z. Coleop. 930, No. 1670.
anthracinus, Broun. Man. N.Z. Coleop. 1168, No. 2073.
fallax, Broun. Man. N.Z. Coleop. 1168, No. 2074.

Sub-family PEDILINÆ.

- Macratrìa**, Newman, 1838.
exilis, Pascoe. Man. N.Z. Coleop. 409, No. 722.
verticalis, Sharp. Man. N.Z. Coleop. 409, No. 723.
Scraptogetus, Broun, 1893.
anthracinus, Broun. Man. N.Z. Coleop. 1358, No. 2379.

Family EDEMERIDÆ.

- Selenopalpus**, White, 1846.
cyaneus, Fabricius. Man. N.Z. Coleop. 420, No. 736.
subviridis, White. Voy. Ereb. and Terr., Insects, 13.
aciphyllæ, Broun. Man. N.Z. Coleop. 845, No. 1502.
Sessinia, Pascoe, 1863.
strigipennis, White. Man. N.Z. Coleop. 420, No. 737.
latiuscula, Broun. Man. N.Z. Coleop. 421, No. 738.
lineata, Fabricius. Man. N.Z. Coleop. 421, No. 739.
pauperata, Pascoe. Man. N.Z. Coleop. 422, No. 740.
nemoralis, Broun. Man. N.Z. Coleop. 845, No. 1503.
longicornis, Broun. Man. N.Z. Coleop. 1459, No. 2532.
thoracica, Broun. A.M.N.H. 6, xii. 290.
reversa, Broun. A.M.N.H. 6, xii. 291.
Thelyphassa, Pascoe, 1876.
diaphana, Pascoe. Man. N.Z. Coleop. 422, No. 741.
obscura, Broun. Man. N.Z. Coleop. 422, No. 742.
conspicua, Broun. Man. N.Z. Coleop. 790, No. 1411.
limbata, Broun. Man. N.Z. Coleop. 961, No. 1735.
Dammarobius, Broun, 1886.
mollis, Broun. Man. N.Z. Coleop. 846, No. 1504.
Baculipalpus, Broun, 1880.
rarus, Broun. Man. N.Z. Coleop. 423, No. 743.
Exocalopus, Broun, 1893.
pectinatus, Broun. Man. N.Z. Coleop. 1170, No. 2078.
Phytilea, Broun, 1893.
propera, Broun. Man. N.Z. Coleop. 1172, No. 2079.
Techmessa, Bates, 1874.
concolor, Bates. Man. N.Z. Coleop. 424, No. 744.
telephoroides, Bates. Man. N.Z. Coleop. 424, No. 745.
attenuata, Broun. Man. N.Z. Coleop. 1172, No. 2080.
varians, Broun. Man. N.Z. Coleop. 1173, No. 2081.

- Techmessodes**, Broun, 1893.
picticornis, Broun. Man. N.Z. Coleop. 424, No. 746.
versicolor, Broun. Man. N.Z. Coleop. 1173, No. 2082.

Family MORDELLIDÆ.

Sub-family MORDELLINÆ.

- Mordella**, Linnæus, 1758.
antarctica, White. Voy. Ereb. and Terror, Insects, 12.
funerea, Pascoe. Man. N.Z. Coleop. 414, No. 728.
tibialis, Broun. Man. N.Z. Coleop. 414, No. 729.
detracta, Pascoe. Man. N.Z. Coleop. 414, No. 730.
tairuensis, Broun. Man. N.Z. Coleop. 414, No. 731.
- Mordellistena**, Costa, 1855.
jucunda, Broun. Man. N.Z. Coleop. 415, No. 732.
neglecta, Broun. Man. N.Z. Coleop. 415, No. 733.
- Zeamordella**, Broun, 1880.
monacha, Broun. Man. N.Z. Coleop. 847, No. 1505.
- Apeosina**, Broun, 1881.
stewarti, Broun. Man. N.Z. Coleop. 693, No. 1216.
tener, Broun. Man. N.Z. Coleop. 693, No. 1217.
- Cryptomera**, Broun, 1893.
nigra, Broun. Man. N.Z. Coleop. 1359, No. 2380.

Sub-family RHIPIPHORINÆ.

- Rhipistena**, Sharp, 1878.
lugubris, Sharp. Man. N.Z. Coleop. 417, No. 734.
- Sharpia**, Broun, 1880 (not of Tournier, 1873).
hirtella, Broun. Man. N.Z. Coleop. 418, No. 735.

Series PHYTOPHAGA.

Family CERAMBYCIDÆ.

Sub-family PRIONINÆ.

- Prionoplus**, White, 1846.
reticularis, White. Man. N.Z. Coleop. 566, No. 991.
 T.N.Z.I. xii. 284.
- Ochrocydus**, Pascoe, 1876.
huttoni, Pascoe. Man. N.Z. Coleop. 567, No. 992.

Sub-family CERAMBYCINÆ.

- Liogramma**, Bates, 1874.
zealandica, Blanchard. Man. N.Z. Coleop. 568, No. 993.
- Didymocantha**, Newman, 1840.
sublineata, White. Man. N.Z. Coleop. 568, No. 994.

- Didymocantha diversicornis**, White. Man. N.Z. Coleop. 569, No. 995.
picta, Bates. Man. N.Z. Coleop. 569, No. 996.
ægrotæ, Bates. Man. N.Z. Coleop. 569, No. 997.
brevicornis, Broun. Man. N.Z. Coleop. 570, No. 998.
clavipes, Broun. Man. N.Z. Coleop. 808, No. 1435.
robusta, Sharp. Man. N.Z. Coleop. 1271, No. 2238.
quadriguttata, Broun. Man. N.Z. Coleop. 1272, No. 2239.
jucunda, Broun. Man. N.Z. Coleop. 1272, No. 2240.
binotata, Broun. Man. N.Z. Coleop. 1273, No. 2241.
vittata, Broun. Man. N.Z. Coleop. 1273, No. 2242.
pallida, Broun. A.M.N.H. 6, xii. 388.
- Æmona**, Newman, 1842.
hirta, Fabricius. Man. N.Z. Coleop. 570 and 1275, No. 999.
villosa, Fabricius. Man. N.Z. Coleop. 1275, No. 2244.
simplicollis, Broun. Man. N.Z. Coleop. 571 and 1276, No. 1000.
humilis, Newman. Man. N.Z. Coleop. 1274, No. 2243.
inæqualis, Sharp. Man. N.Z. Coleop. 1275, No. 2245.
mutica, Sharp. Man. N.Z. Coleop. 1276, No. 2246.
plicicollis, Sharp. Man. N.Z. Coleop. 1276, No. 2247.
debilis, Sharp. Man. N.Z. Coleop. 1277, No. 2248.
- Leptachrous**, Bates, 1874.
strigipennis, Westwood. Man. N.Z. Coleop. 752, No. 1001.
- Votum**, Broun, 1880.
mundum, Broun. Man. N.Z. Coleop. 753, No. 1002.
- Pseudocalliprason**, Broun, 1880.
marginatum, White. Man. N.Z. Coleop. 574, No. 1003.
- Ambeodontus**,
tristis, Fabricius. Man. N.Z. Coleop. 574, No. 1004.
- Agapanthida**, White, 1846.
pulchella, White. Man. N.Z. Coleop. 575, No. 1005.
scutellaris, Pascoe. Man. N.Z. Coleop. 575, No. 1006.
- Ophryops**, White, 1846.
pallidus, White. Man. N.Z. Coleop. 576, No. 1007.
dispar, Sharp. Man. N.Z. Coleop. 1277, No. 2249.
nigropictus, Broun. Man. N.Z. Coleop. 1278, No. 2250.
testaceus, Broun. Man. N.Z. Coleop. 1278, No. 2251.
lentiginosus, Broun. Man. N.Z. Coleop. 1279, No. 2252.
- Pseudosemnus**, Broun, 1893.
amabilis, Broun. Man. N.Z. Coleop. 1280, No. 2253.
- Hesperophanes**, Mulsant, 1839.
unicolor, Fabricius. Mantissa Insectorum, 147.

- Astetholea**, Bates, 1874.
pauper, Bates. Man. N.Z. Coleop. 577, No. 1008.
lepturoides, Bates. Man. N.Z. Coleop. 577, No. 1009.
aubreyi, Broun. Man. N.Z. Coleop. 577, No. 1010.
- Astetholida**, Broun, 1880.
lucida, Broun. Man. N.Z. Coleop. 578, No. 1011.
- Epheus**, Broun, 1886.
costifer, Broun. Man. N.Z. Coleop. 871, No. 1551.
- Blosyropus**, Redtenbacher, 1868.
spinosus, Redtenbacher. Man. N.Z. Coleop. 579, No. 1012.
- Ptychopterus**, Broun, 1886.
rugosus, Broun. Man. N.Z. Coleop. 809, No. 1013.
- Psilomorpha**, Saunders, 1850.
tenuipes, Saunders. Man. N.Z. Coleop. 580, No. 1014.
- Xuthodes**, Pascoe, 1875.
punctipennis, Pascoe. Man. N.Z. Coleop. 580, No. 1015a.
apicalis, Sharp. Man. N.Z. Coleop. 580, No. 1015.
batesi, Sharp. Man. N.Z. Coleop. 581, No. 1016.
divergens, Broun. Man. N.Z. Coleop. 581, No. 1017.
lepidus, Broun. Man. N.Z. Coleop. 1280, No. 2254.
- Calliprason**, White, 1846.
sinclairi, White. Man. N.Z. Coleop. 582, No. 1018.
- Stenopotes**, Pascoe, 1875.
pallidus, Pascoe. Man. N.Z. Coleop. 583, No. 1019.
- Cacodrotus**, Broun, 1893.
bifasciatus, Broun. Man. N.Z. Coleop. 1281, No. 2255.
- Drotus**, Sharp, 1877.
elegans, Sharp. Man. N.Z. Coleop. 583, No. 1020.
- Zorion**, Pascoe, 1867.
minutum, Fabricius. Man. N.Z. Coleop. 584, No. 1021.
guttigerum, Westwood. Man. N.Z. Coleop. 585, No. 1022.
castum, Broun. Man. N.Z. Coleop. 1281, No. 2256.
- Gnomodes**, Broun, 1893.
piceus, Broun. Man. N.Z. Coleop. 1282, No. 2257.
- Gastrosarus**, Bates, 1874.
nigricollis, Bates. Man. N.Z. Coleop. 586, No. 1023.
urbanus, Broun. Man. N.Z. Coleop. 1283, No. 2258.
lautus, Broun. Man. N.Z. Coleop. 1283, No. 2259.
picticornis, Broun. Man. N.Z. Coleop. 1284, No. 2260.
- Eburida**, Broun, 1880.
sericea, Smith. Man. N.Z. Coleop. 587, No. 1024.

- Acrocyrta**, Pascoe, 1856.
spinicornis, Newman. Man. N.Z. Coleop. 587, No. 1025.
- Clytus**, Laichoring, 1784.
rugulosus, Broun. Man. N.Z. Coleop. 588, No. 1026.
- Coptomma**, Newman, 1840.
variegata, Fabricius. Man. N.Z. Coleop. 589, No. 1027.
- Navomorpha**, Blanchard, 1853.
lineatus, Fabricius. Man. N.Z. Coleop. 590, No. 1028.
sulcatus, Fabricius. Man. N.Z. Coleop. 590, No. 1029.
neglectus, Broun. Man. N.Z. Coleop. 591, No. 1030.
sticticus, Broun. Man. N.Z. Coleop. 1284, No. 2261.
- Ceresium**, Newman, 1842.
zealandicum, Blanchard. Voy. Pole Sud, iv. 272.
- Aphanasium**, Thomson, 1860.
australe, Boisduval. Voy. Astrolabe, ii. 480.
- Phlyctænodes**, Newman, 1840.
retifer, Lacordaire. Gen. Col. 1869, 374.

Sub-family LAMINÆ.

- Hexatricha**, Lacordaire, 1869.
pulverulenta, Westwood. Man. N.Z. Coleop. 592, No. 1031.
heteromorpha, Boisduval. Voy. Astrolabe, ii. 21.
- Xyloteles**, Newman, 1840.
lynceus, Fabricius. Man. N.Z. Coleop. 593, No. 1032.
griseus, Westwood. Man. N.Z. Coleop. 593, No. 1033.
humeralus, Bates. Man. N.Z. Coleop. 593, No. 1034.
subpinguis, White. Man. N.Z. Coleop. 594, No. 1035.
nudus, Bates. Man. N.Z. Coleop. 594, No. 1036.
rugicollis, Bates. Man. N.Z. Coleop. 594, No. 1037.
inornatus, Broun. Man. N.Z. Coleop. 595, No. 1038.
lætus, White. Man. N.Z. Coleop. 595, No. 1039.
gratus, Broun. Man. N.Z. Coleop. 595, No. 1040.
nanus, Bates. Man. N.Z. Coleop. 596, No. 1041.
ægrotus, Bates. Man. N.Z. Coleop. 597, No. 1042.
pulchellus, Bates. Man. N.Z. Coleop. 597, No. 1043.
scissicauda, Bates. Man. N.Z. Coleop. 597, No. 1044.
bullatus, Sharp. Man. N.Z. Coleop. 598, No. 1045.
pictulus, Bates. Man. N.Z. Coleop. 598, No. 1046.
sandageri, Broun. Man. N.Z. Coleop. 912, No. 1632.
maculosus, Broun. Man. N.Z. Coleop. 913, No. 1633.
angustulus, Broun. Man. N.Z. Coleop. 973, No. 1756.
huttoni, Sharp. Man. N.Z. Coleop. 1287, No. 2264.
gaudens, Broun. Man. N.Z. Coleop. 1288, No. 2265.
germanus, Sharp. Man. N.Z. Coleop. 1289, No. 2266.

Xyloteles fasciatus, Sharp. Man. N.Z. Coleop. 1289, No. 2267.
phormiobius, Broun. Man. N.Z. Coleop. 1388, No. 2422.
prolongatus, Broun. Man. N.Z. Coleop. 1389, No. 2423.
costatus, Pascoe. A.M.N.H. 4, xvi. 217.
parvulus, White. Voy. Ereb. and Terror, Insects, 22.

Microlamia, Bates, 1874.

pygmæa, Bates. Man. N.Z. Coleop. 599, No. 1047.
æmula, Broun. Man. N.Z. Coleop. 810, No. 1437.

Mesolamia, Sharp, 1882.

marmorata, Sharp. Man. N.Z. Coleop. 1295, No. 2278.
ærata, Broun. Man. N.Z. Coleop. 1296, No. 2279.

Somatidia, Thomson, 1864.

antarctica, White. Man. N.Z. Coleop. 600, No. 1048.
assimilata, Broun. Man. N.Z. Coleop. 600, No. 1049.
terrestris, Broun. Man. N.Z. Coleop. 601, No. 1050.
ptinoides, Bates. Man. N.Z. Coleop. 601, No. 1051.
angusta, Broun. Man. N.Z. Coleop. 601, No. 1052.
pictipes, Broun. Man. N.Z. Coleop. 602, No. 1053.
longipes, Sharp. Man. N.Z. Coleop. 602, No. 1054.
diversa, Broun. Man. N.Z. Coleop. 603, No. 1055.
nitida, Broun. Man. N.Z. Coleop. 603, No. 1056.
crassipes, Broun. Man. N.Z. Coleop. 810, No. 1438.
elongata, Broun. Man. N.Z. Coleop. 811, No. 1439.
grandis, Broun. Man. N.Z. Coleop. 1290, No. 2269.
helmsi, Sharp. Man. N.Z. Coleop. 1290, No. 2270.
spinicollis, Broun. Man. N.Z. Coleop. 1291, No. 2271.
costifer, Broun. Man. N.Z. Coleop. 1291, No. 2272.
variegata, Broun. Man. N.Z. Coleop. 1292, No. 2273.
simplex, Broun. Man. N.Z. Coleop. 1292, No. 2274.
signata, Broun. Man. N.Z. Coleop. 1293, No. 2275.
convexa, Broun. Man. N.Z. Coleop. 1498, No. 2581.
latula, Broun. Man. N.Z. Coleop. 1499, No. 2582.
lævior, Broun. Man. N.Z. Coleop. 1499, No. 2583.
tenebrica, Broun. Man. N.Z. Coleop. 1500, No. 2584.
albicoma, Broun. Man. N.Z. Coleop. 1500, No. 2585.
proxima, Broun. A.M.N.H. 6, xii. 390.
picticornis, Broun. A.M.N.H. 6, xv. 418.

Stenellipsis, Bates, 1874.

bimaculata, White. Man. N.Z. Coleop. 604, No. 1057.
gracilis, White. Man. N.Z. Coleop. 604, No. 1058.
latipennis, Bates. Man. N.Z. Coleop. 605, No. 1059.
pumila, Pascoe. Man. N.Z. Coleop. 605, No. 1060.
cuneata, Sharp. Man. N.Z. Coleop. 1289, No. 2268.

Psilocnæia, Bates, 1874.

linearis, Bates. Man. N.Z. Coleop. 606, No. 1061.
brouni, Bates. Man. N.Z. Coleop. 606, No. 1062.

Spilotrogia, Bates, 1874.

- maculata*, Bates. Man. N.Z. Coleop. 607, No. 1063.
hilarula, Broun. Man. N.Z. Coleop. 607, No. 1062.

Eurychæna, Bates, 1874.

- fragilis*, Bates. Man. N.Z. Coleop. 608, No. 1065.
feredayi, Bates. Man. N.Z. Coleop. 608, No. 1066.
acutula, Broun. Man. N.Z. Coleop. 608, No. 1067.

Tetorea, White, 1846.

- cilipes*, White. Man. N.Z. Coleop. 609, No. 1068.
discedens, Sharp. Man. N.Z. Coleop. 1294, No. 1440.
longipennis, Sharp. Man. N.Z. Coleop. 1293, No. 2276.
sellata, Sharp. Man. N.Z. Coleop. 1294, No. 2277.

Hybolasius, Bates, 1874.

- crista*, Fabricius. Man. N.Z. Coleop. 610, No. 1069.
lanipes, Sharp. Man. N.Z. Coleop. 610, No. 1070.
pedator, Sharp. Man. N.Z. Coleop. 610, No. 1071.
wakefieldi, Bates. Man. N.Z. Coleop. 611, No. 1072.
concolor, Broun. Man. N.Z. Coleop. 611, No. 1073.
viridescens, Bates. Man. N.Z. Coleop. 611, No. 1074.
promissus, Broun. Man. N.Z. Coleop. 612, No. 1075.
simplex, Bates. Man. N.Z. Coleop. 612, No. 1076.
modestus, Broun. Man. N.Z. Coleop. 613, No. 1077.
variegatus, Broun. Man. N.Z. Coleop. 613, No. 1078.
crisatellus, Bates. Man. N.Z. Coleop. 614, No. 1079.
bellicosus, Broun. Man. N.Z. Coleop. 614, No. 1080.
parvus, Broun. Man. N.Z. Coleop. 614, No. 1081.
vegetus, Broun. Man. N.Z. Coleop. 744, No. 1320.
fasciatus, Broun. Man. N.Z. Coleop. 744, No. 1321.
brevicollis, Broun. Man. N.Z. Coleop. 811, No. 1441.
picitarsis, Broun. Man. N.Z. Coleop. 812, No. 1442.
pusillus, Broun. Man. N.Z. Coleop. 812, No. 1443.
apicalis, Broun. Man. N.Z. Coleop. 872, No. 1552.
piceus, Broun. Man. N.Z. Coleop. 872, No. 1553.
deplanatus, Sharp. Man. N.Z. Coleop. 1297, No. 2280.
castaneus, Broun. Man. N.Z. Coleop. 1297, No. 2281.
finitimus, Broun. Man. N.Z. Coleop. 1298, No. 2282.
albihirtus, Broun. Man. N.Z. Coleop. 1298, No. 2283.
gnarus, Broun. Man. N.Z. Coleop. 1298, No. 2284.
femoralis, Broun. Man. N.Z. Coleop. 1299, No. 2285.
thoracicus, Broun. Man. N.Z. Coleop. 1299, No. 2286.
rufescens, Broun. Man. N.Z. Coleop. 1300, No. 2287.
dubius, Broun. Man. N.Z. Coleop. 1389, No. 2424.
optatus, Broun. A.M.N.H. 6, xii. 389.
trigonellus, Hutton. T.N.Z.I. xxx. 158.

Pœcilippe, Bates, 1874.

- stictica*, Bates. Man. N.Z. Coleop. 615, No. 1082.

- Pœcilippe flavipes**, White. Man. N.Z. Coleop. 615, No. 1083.
medialis, Sharp. Man. N.Z. Coleop. 1301, No. 2288.
femorialis, Sharp. Man. N.Z. Coleop. 1301, No. 2289.
simplex, Bates. Man. N.Z. Coleop. 612, No. 1076.
- Diastamerus**, Redtenbacher, 1868.
tomentosus, Redtenbacher. Man. N.Z. Coleop. 616,
 No. 1084.
- Tympanopalpus**, Redtenbacher, 1868.
dorsalis, Redtenbacher. Man. N.Z. Coleop. 617, No. 1085.

Family CHRYSOMELIDÆ.

Sub-family EUMOLPINÆ.

- Eucolaspis**, Sharp, 1886.
brunneus, Fabricius. Man. N.Z. Coleop. 622, No. 1090.
pallidipennis, White. Man. N.Z. Coleop. 622, No. 1091.
puncticollis, Broun. Man. N.Z. Coleop. 623, No. 1092.
jucundus, Broun. Man. N.Z. Coleop. 623, No. 1093.
subæneus, Broun. Man. N.Z. Coleop. 624, No. 1094.
sculptus, Broun. Man. N.Z. Coleop. 624, No. 1095.
merus, Broun. Man. N.Z. Coleop. 624, No. 1096.
brevicollis, Broun. Man. N.Z. Coleop. 625, No. 1097.
atroceruleus, Broun. Man. N.Z. Coleop. 625, No. 1098.
ochraceus, Broun. Man. N.Z. Coleop. 1303, No. 2290.
coloratus, Broun. Man. N.Z. Coleop. 1303, No. 2291.
montanus, Broun. Man. N.Z. Coleop. 1304, No. 2292.
vittiger, Broun. A.M.N.H. 6, xii. 391.
picticornis, Broun. A.M.N.H. 6, xii. 391.
- Atrichatus**, Sharp, 1886.
ochraceus, Broun. Man. N.Z. Coleop. 625 and 1305,
 No. 1099.
æneicollis, Broun. A.M.N.H. 6, xv. 419.
- Pilacolaspis**, Sharp, 1886.
wakefieldi, Sharp. Man. N.Z. Coleop. 1306, No. 2293.
huttoni, Broun. Man. N.Z. Coleop. 626, No. 1100.
- Peniticus**, Sharp, 1876
suffusus, Sharp. Man. N.Z. Coleop. 627, No. 1101.
antiquus, Sharp. Man. N.Z. Coleop. 627, No. 1102.
robustus, Broun. Man. N.Z. Coleop. 628, No. 1103.
- Sub-family CRYPTOCEPHALINÆ.
- Arnomus**, Sharp, 1876.
brouni, Sharp. Man. N.Z. Coleop. 619, No. 1086.
curtipes, Broun. Man. N.Z. Coleop. 1390, No. 2425.
marginalis, Broun. Man. N.Z. Coleop. 1390, No. 2426.

Alema, Sharp, 1876.

- paradoxa*, Sharp. Man. N.Z. Coleop. 620, No. 1087.
puncticollis, Broun. Man. N.Z. Coleop. 620, No. 1088.
spatiosa, Broun. Man. N.Z. Coleop. 621, No. 1089.

Scaphodius, Chapuis, 1874

- compactus*, Sharp. Man. N.Z. Coleop. 1302, No. 1444.

Sub-family CHRYSOMELINÆ.

Allocharis, Sharp, 1882.

- marginata*, Sharp. Man. N.Z. Coleop. 1306, No. 2294.
morosa, Broun. Man. N.Z. Coleop. 1307, No. 2295.
limbata, Broun. Man. N.Z. Coleop. 1307, No. 2296.

Aphilon, Sharp, 1876.

- enigma*, Sharp. Man. N.Z. Coleop. 629, No. 1104.
pretiosa, Broun. Man. N.Z. Coleop. 630, No. 1105.
punctata, Broun. Man. N.Z. Coleop. 630, No. 1106.
minuta, Broun. Man. N.Z. Coleop. 631, No. 1107.
monstrosa, Broun. Man. N.Z. Coleop. 874, No. 1556.
sobrina, Broun. Man. N.Z. Coleop. 875, No. 1557.
præstans, Broun. Man. N.Z. Coleop. 1309, No. 2301.
convexa, Broun. Man. N.Z. Coleop. 1310, No. 2302.
latulum, Broun. Man. N.Z. Coleop. 1310, No. 2303.
scutellaris, Broun. Man. N.Z. Coleop. 1501, No. 2586.
laticollis, Broun. A.M.N.H. 6, xii. 392.

Cacomolpus, Sharp, 1886.

- globosus*, Sharp. Man. N.Z. Coleop. 1308, No. 2297.
plagiatus, Sharp. Man. N.Z. Coleop. 1308, No. 2298.
pullatus, Broun. Man. N.Z. Coleop. 1309, No. 2299.
maculatus, Broun. Man. N.Z. Coleop. 1309, No. 2300.

Sub-family GALERUCINÆ.

Luperus, Geoffroy, 1764.

- vulgaris*, Broun. Man. N.Z. Coleop. 632, No. 1108.
attenuatus, Broun. Man. N.Z. Coleop. 633, No. 1109.
thoracicus, Broun. Man. N.Z. Coleop. 633, No. 1110.
nigripes, Broun. Man. N.Z. Coleop. 634, No. 1111.
nigricans, Broun. Man. N.Z. Coleop. 634, No. 1112.
nitidicollis, Broun. Man. N.Z. Coleop. 634, No. 1113.
æneus, Broun. Man. N.Z. Coleop. 635, No. 1114.
viridis, Broun. Man. N.Z. Coleop. 635, No. 1115.
oleareæ, Broun. Man. N.Z. Coleop. 1312, No. 2304.
rugicollis, Broun. Man. N.Z. Coleop. 1313, No. 2305.
brevicollis, Broun. Man. N.Z. Coleop. 1313, No. 2306.
sulcifer, Broun. Man. N.Z. Coleop. 1313, No. 2307.
rectipes, Broun. Man. N.Z. Coleop. 1314, No. 2308.
calcaratus, Broun. Man. N.Z. Coleop. 1314, No. 2309.

- Luperus princeps**, Broun. Man. N.Z. Coleop. 1314, No. 2310.
monticola, Broun. Man. N.Z. Coleop. 1315, No. 2311.
fuscatus, Broun. Man. N.Z. Coleop. 1315, No. 2312.
sordidus, Broun. Man. N.Z. Coleop. 1316, No. 2313.
truncatus, Broun. Man. N.Z. Coleop. 1316, No. 2314.
nigricornis, Sharp. Man. N.Z. Coleop. 1316, No. 2315.
ænescens, Sharp. Man. N.Z. Coleop. 1317, No. 2316.
puncticollis, Sharp. Man. N.Z. Coleop. 1317, No. 2317.
mollis, Broun. Man. N.Z. Coleop. 1502, No. 2587.

Allastena, Broun, 1893.

- nitida*, Broun. Man. N.Z. Coleop. 1318, No. 2318.
quadrata, Broun. Man. N.Z. Coleop. 1319, No. 2319.

Bryobates, Broun, 1886.

- coniformis*, Broun. Man. N.Z. Coleop. 874, No. 1555.

Sub-family HALTICINÆ.

Trachytetra, Sharp, 1886.

- rugulosa*, Broun. Man. N.Z. Coleop. 636 and 1311, No. 1116.

Inopelonia, Broun, 1893.

- testacea*, Broun. Man. N.Z. Coleop. 637, No. 1118.
fuliginosa, Broun. Man. N.Z. Coleop. 637, No. 1119.

Pleuraltica, Sharp, 1886.

- cyanea*, Broun. Man. N.Z. Coleop. 1312 and 638, No. 1120.

Phyllotreta, Chevrolat, 1839.

- nitida*, Broun. Man. N.Z. Coleop. 636, No. 1117.
graminicola, Broun. Man. N.Z. Coleop. 1391, No. 2427.
littoralis, Broun. Man. N.Z. Coleop. 1391, No. 2428.
vittigera, Broun. Man. N.Z. Coleop. 1392, No. 2429.

Series RHYNCOPIORA.

Family CURCULIONIDÆ.

Sub-family OTIORHYNCHINÆ.

Nicæana, Pascoe, 1877.

- modesta*, Pascoe. Man. N.Z. Coleop. 428, No. 749.
concinna, Broun. Man. N.Z. Coleop. 847, No. 1506.
cinerea, Broun. Man. N.Z. Coleop. 931, No. 1673.
cervina, Broun. Man. N.Z. Coleop. 1360, No. 2381.
tarsalis, Broun. Man. N.Z. Coleop. 1460, No. 2533.

Stygeopetes, Broun, 1893.

- littoralis*, Broun. Man. N.Z. Coleop. 1176, No. 2085.

Cecyropa, Pascoe, 1875.

- tychioides*, Pascoe. Man. N.Z. Coleop. 437, No. 768.
maritima, Broun. Man. N.Z. Coleop. 438, No. 769.

Cecyropa brevipennis, Broun. Man. N.Z. Coleop. 438, No. 770.

alba, Broun. Man. N.Z. Coleop. 698, No. 1228.

varia, Broun. Man. N.Z. Coleop. 698, No. 1229.

discors, Broun. Man. N.Z. Coleop. 699, No. 1230.

setigera, Broun. Man. N.Z. Coleop. 905, No. 1617.

macularia, Broun. Man. N.Z. Coleop. 961, No. 1736.

albicans, Sharp. Man. N.Z. Coleop. 1175, No. 2083.

fumosa, Broun. Man. N.Z. Coleop. 1175, No. 2084.

Nonnotus, Sharp, 1886.

griseolus, Sharp. Man. N.Z. Coleop. 1177, No. 2086.

eclectus, Broun. Man. N.Z. Coleop. 1177, No. 2087.

pallescens, Broun. Man. N.Z. Coleop. 1178, No. 2088.

albicans, Broun. Man. N.Z. Coleop. 443, No. 781.

albatus, Broun. Man. N.Z. Coleop. 694, No. 1219.

Tigones, Broun, 1886.

caudata, Broun. Man. N.Z. Coleop. 855, No. 1521.

osculans, Broun. Man. N.Z. Coleop. 856, No. 1522.

certa, Broun. Man. N.Z. Coleop. 856, No. 1523.

grisea, Broun. Man. N.Z. Coleop. 856, No. 1524.

cervina, Broun. Man. N.Z. Coleop. 857, No. 1525.

aulica, Broun. Man. N.Z. Coleop. 1180, No. 2092.

variegata, Broun. Man. N.Z. Coleop. 1181, No. 2093.

scutellaris, Broun. Man. N.Z. Coleop. 1181, No. 2094.

cruda, Broun. Man. N.Z. Coleop. 1182, No. 2095.

antennalis, Broun. Man. N.Z. Coleop. 1182, No. 2096.

diversa, Broun. Man. N.Z. Coleop. 1183, No. 2097.

rufula, Broun. Man. N.Z. Coleop. 1183, No. 2098.

cavelli, Broun. Man. N.Z. Coleop. 1361, No. 2382.

obscura, Broun. Man. N.Z. Coleop. 1361, No. 2383.

cuspidata, Broun. Man. N.Z. Coleop. 694, No. 1220.

plana, Broun. Man. N.Z. Coleop. 700, No. 1233.

Protophormus, Sharp, 1886.

gracilis, Sharp. Man. N.Z. Coleop. 1179, No. 2089.

binodulus, Sharp. Man. N.Z. Coleop. 1179, No. 2090.

robustus, Sharp. Man. N.Z. Coleop. 1180, No. 2091.

Epitimetes, Pascoe, 1877.

lutosus, Pascoe. Man. N.Z. Coleop. 435, No. 763.

wakefieldi, Sharp. Man. N.Z. Coleop. 1183, No. 2099.

Platyomida, White, 1846.

binodes, White. Man. N.Z. Coleop. 442, No. 776.

ensoria, Pascoe. Man. N.Z. Coleop. 442, No. 777.

aculeata, Broun. Man. N.Z. Coleop. 442, No. 778.

perniciosa, Broun. Man. N.Z. Coleop. 442, No. 779.

apicalis, Broun. Man. N.Z. Coleop. 701, No. 1235.

- Platyomida amota**, Broun. Man. N.Z. Coleop. 793, No. 1415.
enysi, Broun. Man. N.Z. Coleop. 852, No. 1516.
æquua, Broun. Man. N.Z. Coleop. 932, No. 1677.
hochstetteri, Redtenbacher. Man. N.Z. Coleop. 476, No. 842.
simulatrix, Sharp. Man. N.Z. Coleop. 1185, No. 2100.
depressa, Sharp. Man. N.Z. Coleop. 1185, No. 2101.
- Rhynchogonus**,
germanus, Broun. A.M.N.H. 6, xii. 293.
- Lyperobates**, Broun, 1893.
asper, Broun. Man. N.Z. Coleop. 1462, No. 2534.
- Hygrochus**, Broun, 1881.
oscitans, Broun. Man. N.Z. Coleop. 703, No. 1237.
verrucosus, Broun. Man. N.Z. Coleop. 1220, No. 2149.
illepidae, Broun. Man. N.Z. Coleop. 1220, No. 2150.
oculatus, Broun. A.M.N.H. 6, xii. 292.
- Homodus**, Broun, 1881.
fumeus, Broun. Man. N.Z. Coleop. 703, No. 1238.
- Aporolobus**, Sharp, 1886.
irritus, Pascoe. Man. N.Z. Coleop. 431, No. 754.
hariolus, Broun. Man. N.Z. Coleop. 848, No. 1507.
cecyropioides, Broun. Man. N.Z. Coleop. 905, No. 1616.
rugosus, Broun. Man. N.Z. Coleop. 930, No. 1671.
pallidus, Broun. Man. N.Z. Coleop. 1365, No. 2388.
- Notiopatæ**, Broun, 1893.
setifer, Broun. Man. N.Z. Coleop. 1187, No. 2102.
sternalis, Broun. Man. N.Z. Coleop. 1462, No. 2535.
clarus, Broun. Man. N.Z. Coleop. 431, No. 755.
- Pælocharis**, Broun, 1893.
inflata, Broun. Man. N.Z. Coleop. 1188, No. 2103.
vestita, Broun. Man. N.Z. Coleop. 1463, No. 2536.
corpulenta, Broun. Man. N.Z. Coleop. 431, No. 756.
- Protolobus**, Sharp, 1886.
obscurus, Sharp. Man. N.Z. Coleop. 1188, No. 2104.
porculus, Pascoe. Man. N.Z. Coleop. 430, No. 753.
- Catoptes**, Schönherr, 1842.
obliquis, Schönherr. Man. N.Z. Coleop. 428, No. 750.
parilis, Pascoe. Man. N.Z. Coleop. 443, No. 780.
compressus, Broun. Man. N.Z. Coleop. 429, No. 751.
obliquisignatus, Bohem. Man. N.Z. Coleop. 693, No. 1218.
attenuatus, Broun. Man. N.Z. Coleop. 791, No. 1412.
pilosellus, Broun. Man. N.Z. Coleop. 853, No. 1517.
bicostatus, Broun. Man. N.Z. Coleop. 853, No. 1518.

- Catoptes tibialis**, Broun. Man. N.Z. Coleop. 854, No. 1519.
stolidus, Broun. Man. N.Z. Coleop. 854, No. 1520.
caliginosus, Broun. Man. N.Z. Coleop. 1189, No. 2105.
posticalis, Broun. Man. N.Z. Coleop. 1189, No. 2106.
humeralis, Broun. Man. N.Z. Coleop. 1190, No. 2107.
chalmeri, Broun. Man. N.Z. Coleop. 1190, No. 2108.
asperellus, Broun. Man. N.Z. Coleop. 1191, No. 2109.
cheesemani, Broun. Man. N.Z. Coleop. 1191, No. 2110.
decorus, Broun. Man. N.Z. Coleop. 1192, No. 2111.
brevicornis, Sharp. Man. N.Z. Coleop. 1193, No. 2112.
æmulator, Broun. Man. N.Z. Coleop. 1193, No. 2113.
tenebricus, Broun. Man. N.Z. Coleop. 1194, No. 2114.
latipennis, Broun. Man. N.Z. Coleop. 1362, No. 2384.
furvus, Broun. Man. N.Z. Coleop. 1362, No. 2385.
vastator, Broun. Man. N.Z. Coleop. 1463, No. 2537.
scutellaris, Sharp. Man. N.Z. Coleop. 1503, No. 2591.
longulus, Sharp. Man. N.Z. Coleop. 1504, No. 2592.
- Haplobolus**, Broun, 1893.
sævus, Broun. Man. N.Z. Coleop. 1199, No. 2122.
æthiops, Broun. Man. N.Z. Coleop. 1199, No. 2123.
gregalis, Broun. Man. N.Z. Coleop. 1199, No. 2124.
- Brachylous**, White, 1846.
punctatus White. Man. N.Z. Coleop. 432, No. 757.
breviusculus, Broun. Man. N.Z. Coleop. 440, No. 774.
elegans, Broun. Man. N.Z. Coleop. 1194, No. 2115.
inæqualis, Sharp. Man. N.Z. Coleop. 1195, No. 2116.
huttoni, Sharp. Man. N.Z. Coleop. 1195, No. 2117.
bagooides, Sharp. Man. N.Z. Coleop. 1195, No. 2118.
punctipennis, Sharp. Man. N.Z. Coleop. 1196, No. 2119.
longicollis, Sharp. Man. N.Z. Coleop. 1196, No. 2120.
viridescens, Broun. Man. N.Z. Coleop. 1363, No. 2386.
posticalis, Broun. Man. N.Z. Coleop. 1364, No. 2387.
- Inocatoptes**, Broun, 1902.
incertus, Broun. T.N.Z.I. xxxiii. 178.
- Inophlæus**, Pascoe, 1875.
traversii, Pascoe. Man. N.Z. Coleop. 439, No. 770a.
inuus, Pascoe. Man. N.Z. Coleop. 439, No. 771.
rhesus, Pascoe. Man. N.Z. Coleop. 439, No. 772.
vitiosus, Pascoe. Man. N.Z. Coleop. 440, No. 773.
rubidus, Broun. Man. N.Z. Coleop. 699, No. 1231.
nigellus, Broun. Man. N.Z. Coleop. 700, No. 1232.
prælatius, Broun. Man. N.Z. Coleop. 851, No. 1514.
sulcifer, Broun. Man. N.Z. Coleop. 905, No. 1618.
costifer, Broun. Man. N.Z. Coleop. 932, No. 1676.
egregius, Broun. Man. N.Z. Coleop. 962, No. 1737.
nodifer, Broun. Man. N.Z. Coleop. 1200, No. 2125.

- Inophlœus alacer**, Broun. Man. N.Z. Coleop. 1200, No. 2126.
albonotatus, Broun. Man. N.Z. Coleop. 1201, No. 2127.
vestitus, Broun. Man. N.Z. Coleop. 1202, No. 2128.
suturalis, Broun. Man. N.Z. Coleop. 1464, No. 2538.
villaris, Pascoe. A.M.N.H. 4, xvi. 220.
medius, Broun. A.M.N.H. 6, xii. 294.

Sub-family CYLINDRORHINÆ.

- Phæophanus**, Broun, 1886.
rugosus, Broun. Man. N.Z. Coleop. 793, No. 1414.
similis, Broun. Man. N.Z. Coleop. 1216, No. 2145.
litturatus, Broun. Man. N.Z. Coleop. 1216, No. 2146.
Heteraomus, Broun, 1893.
longipes, Broun. Man. N.Z. Coleop. 1218, No. 2147.
Anagotus, Sharp, 1882.
helmsi, Sharp. Man. N.Z. Coleop. 1215, No. 2144.
Phoxoteles, Broun, 1893.
graniger, Broun. Man. N.Z. Coleop. 850, No. 1513.
Heterotytes, Broun, 1886.
argentatus, Broun. Man. N.Z. Coleop. 795, No. 1417.
Rhadinosomus, Schönherr, 1840.
acuminatus, Schönherr. Man. N.Z. Coleop. 430, 752.

Genus of doubtful position:—

- Geochus**, Broun, 1882.
inæqualis, Broun. Man. N.Z. Coleop. 446, No. 785.
politus, Broun. Man. N.Z. Coleop. 704, No. 1239.
rugulosus, Broun. Man. N.Z. Coleop. 931, No. 1672.
similis, Broun. Man. N.Z. Coleop. 1221, No. 2151.
nodosus, Broun. Man. N.Z. Coleop. 1221, No. 2152.
plagiatus, Broun. Man. N.Z. Coleop. 1365, No. 2389.
puncticollis, Broun. Man. N.Z. Coleop. 1367, No. 2390.
squamosus, Broun. Man. N.Z. Coleop. 1465, No. 2539.
tibialis, Broun. Man. N.Z. Coleop. 1465, No. 2540.
marginatus, Broun. Man. N.Z. Coleop. 1466, No. 2541.
frontalis, Broun. Man. N.Z. Coleop. 1466, No. 2542.
nigripes, Broun. Man. N.Z. Coleop. 1467, No. 2543.
setiger, Broun. A.M.N.H. 6, xii. 295.

Sub-family MOLYTTINÆ.

- Lyperobius**, Pascoe, 1876.
huttoni, Pascoe. Man. N.Z. Coleop. 445, No. 783.
tuberculatus, Pascoe. Man. N.Z. Coleop. 445, No. 784.
carinatus, Broun. Man. N.Z. Coleop. 702, No. 1236.
cupiendus, Broun. Man. N.Z. Coleop. 962, No. 1738.
læviusculus, Broun. T.N.Z.I. xiii. 179.

Lyperopais, Broun, 1893.

mirus, Broun. Man. N.Z. Coleop. 1222, No. 2153.

Sub-family HYLOBIINÆ.

Eiratus, Pascoe, 1877.

parvulus, Pascoe. Man. N.Z. Coleop. 447, No. 786.

tetricus, Broun. Man. N.Z. Coleop. 447, No. 787.

costatus, Broun. Man. N.Z. Coleop. 794, No. 1416.

ornatus, Broun. Man. N.Z. Coleop. 906, No. 1619.

suavis, Broun. Man. N.Z. Coleop. 934, No. 1679.

pyriformis, Broun. Man. N.Z. Coleop. 1223, No. 2154.

rugosus, Broun. Man. N.Z. Coleop. 1223, No. 2155.

Dryopais, Broun, 1886.

variabilis, Broun. Man. N.Z. Coleop. 933, No. 1678.

Pædaretus, Pascoe, 1876.

hispidus, Pascoe. Man. N.Z. Coleop. 444, No. 782.

Sub-family RHYPAROSOMINÆ.

Phrynixus, Pascoe, 1875.

terreus, Pascoe. Man. N.Z. Coleop. 433, No. 758.

astutus, Pascoe. Man. N.Z. Coleop. 433, No. 759.

celatus, Broun. Man. N.Z. Coleop. 433, No. 760.

modicus, Broun. Man. N.Z. Coleop. 434, No. 761.

facetus, Broun. Man. N.Z. Coleop. 695, No. 1221.

intricatus, Broun. Man. N.Z. Coleop. 848, No. 1508.

tuberculatus, Broun. Man. N.Z. Coleop. 849, No. 1509.

differens, Broun. Man. N.Z. Coleop. 849, No. 1510.

rufipes, Broun. Man. N.Z. Coleop. 849, No. 1511.

simplex, Broun. Man. N.Z. Coleop. 1202, No. 2129.

costirostris, Broun. Man. N.Z. Coleop. 1203, No. 2130.

humeralis, Broun. Man. N.Z. Coleop. 1467, No. 2544.

brevipennis, Broun. Man. N.Z. Coleop. 1468, No. 2545.

cedius, Broun. Man. N.Z. Coleop. 1468, No. 2546.

Bradypatæ, Broun, 1893.

capitalis, Broun. Man. N.Z. Coleop. 1206 and 850,
No. 1512.

armiger, Broun. A.M.N.H. 6, xii. 296.

Erymneus, Pascoe, 1877.

sharpi, Pascoe. Man. N.Z. Coleop. 436, No. 764.

scabiosus, Broun. Man. N.Z. Coleop. 436, No. 765.

castaneus, Broun. Man. N.Z. Coleop. 436, No. 766.

granulatus, Broun. Man. N.Z. Coleop. 437, No. 767.

longulus, Broun. Man. N.Z. Coleop. 931, No. 1674.

cœnosus, Broun. Man. N.Z. Coleop. 932, No. 1675.

ferrugatus, Broun. Man. N.Z. Coleop. 1203, No. 2131.

irregularis, Broun. Man. N.Z. Coleop. 1367, No. 2391.

- Erymneus crassipes**, Broun. Man. N.Z. Coleop. 1469,
No. 2547.
firmus, Broun. Man. N.Z. Coleop. 1470, No. 2548.
probus, Broun. A.M.N.H. 6, xii. 299.
- Lithocia**, Broun, 1893.
fimbriata, Broun. Man. N.Z. Coleop. 1471, No. 2549.
- Pachyprypnum**, Broun, 1886.
pyriformis, Broun. Man. N.Z. Coleop. 792, No. 1413.
longiusculus, Broun. Man. N.Z. Coleop. 434, No. 762.
- Dolioceuthus**, Broun, 1893.
dumetosus, Broun. Man. N.Z. Coleop. 1208, No. 2135.
vestitus, Broun. Man. N.Z. Coleop. 1209, No. 2136.
- Astyplus**, Broun, 1893.
conicus, Broun. Man. N.Z. Coleop. 1210, No. 2137.
- Styphlotelus**, Broun, 1893.
foveatus, Broun. Man. N.Z. Coleop. 1368, No. 2392.
fascicularis, Broun. Man. N.Z. Coleop. 1369, No. 2393.
- Cuneopterus**, Sharp, 1886.
conicus, Sharp. Man. N.Z. Coleop. 1204, No. 2132.
tenuicornis, Broun. A.M.N.H. 6, xii. 297.
- Chamæpsephis**, Broun, 1893.
aurisetifer, Broun. Man. N.Z. Coleop. 1207, No. 2134.
- Aræoscapus**, Broun, 1893.
ovipennis, Broun. A.M.N.H. 6, xii. 300.
flavipes, Broun. Man. N.Z. Coleop. 1473, No. 2552.
thoracicus, Broun. Man. N.Z. Coleop. 1474, No. 2553.
obscurus, Broun. Man. N.Z. Coleop. 1475, No. 2554.
- Bantiades**, Broun, 1893.
fuscatus, Broun. Man. N.Z. Coleop. 1371, No. 2396.
valgus, Broun. Man. N.Z. Coleop. 1472, No. 2551.
- Rachidiscus**, Broun, 1893.
granicolis, Broun. Man. N.Z. Coleop. 1478, No. 2557.
- Dermotrichus**, Sharp, 1886.
mundulus, Sharp. Man. N.Z. Coleop. 1205, No. 2133.
- Clypeorhynchus**, Sharp, 1883.
gracilipes, Sharp. Man. N.Z. Coleop. 1211, No. 2138.
thoracicus, Broun. Man. N.Z. Coleop. 1211, No. 2139.
brevicornis, Broun. Man. N.Z. Coleop. 1212, No. 2140.
impessus, Broun. Man. N.Z. Coleop. 1212, No. 2141.
ovipennis, Broun. Man. N.Z. Coleop. 1213, No. 2142.
cordipennis, Broun. Man. N.Z. Coleop. 1370, No. 2394.
cristatus, Broun. Man. N.Z. Coleop. 1370, No. 2395.

- Dacnophylla**, Broun, 1893.
setosa, Broun. Man. N.Z. Coleop. 1472, No. 2550.
variegata, Broun. A.M.N.H. 6, xii. 301.
- Nestrius**, Broun, 1893.
serripes, Broun. Man. N.Z. Coleop. 1480, No. 2559, and
 A.M.N.H. 6, xii. 302.
- Plotnus**, Broun, 1893.
ovithorax, Broun. Man. N.Z. Coleop. 1481, No. 2560.
- Phemus**, Broun, 1893.
scabralis, Broun. Man. N.Z. Coleop. 1214, No. 2143.
rufipes, Broun. Man. N.Z. Coleop. 1482, No. 2561.
- Rystheus**, Broun, 1893.
ocularius, Broun. Man. N.Z. Coleop. 1219, No. 2148.
- Sosgenes**, Broun, 1893.
carinatus, Broun. Man. N.Z. Coleop. 1477, No. 2556.
- Phyllodytes**, Broun, 1893.
foveatus, Broun. Man. N.Z. Coleop. 1479, No. 2558.
- Phronira**, Broun, 1893.
sulcirostre, Broun. Man. N.Z. Coleop. 696, No. 1222.
asper, Broun. Man. N.Z. Coleop. 696, No. 1223.
costosum, Broun. Man. N.Z. Coleop. 696, No. 1224.
osculans, Broun. Man. N.Z. Coleop. 697, No. 1225.
simplex, Broun. Man. N.Z. Coleop. 697, No. 1226.
striatum, Broun. Man. N.Z. Coleop. 697, No. 1227.
nodosum, Broun. Man. N.Z. Coleop. 1476, No. 2555.

Sub-family ERIRHININÆ.

- Philacta**, Broun, 1880.
testacea, Broun. Man. N.Z. Coleop. 449, No. 789.
- Erirehinus**, Schönherr, 1826.
acalyptoides, Pascoe. Man. N.Z. Coleop. 450, No. 790.
limbatus, Pascoe. Man. N.Z. Coleop. 450, No. 791.
glottis, Pascoe. Man. N.Z. Coleop. 450, No. 792.
discoideus, Broun. Man. N.Z. Coleop. 451, No. 794.
flavitarsis, Broun. Man. N.Z. Coleop. 451, No. 795.
fasciatus, Broun. Man. N.Z. Coleop. 452, No. 796.
viridipennis, Broun. Man. N.Z. Coleop. 452, No. 798.
sexmaculatus, Broun. Man. N.Z. Coleop. 706, No. 1243.
dolosus, Broun. Man. N.Z. Coleop. 707, No. 1244.
fascialis, Broun. Man. N.Z. Coleop. 707, No. 1245.
crucigerus, Broun. Man. N.Z. Coleop. 708, No. 1246.
anchoralis, Broun. Man. N.Z. Coleop. 708, No. 1247.
gracilirostris, Broun. Man. N.Z. Coleop. 708, No. 1248.
stramineus, Broun. Man. N.Z. Coleop. 709, No. 1249.

- Eriirhinus nocens**, Broun. Man. N.Z. Coleop. 709, No. 1250.
acceptus, Broun. Man. N.Z. Coleop. 710, No. 1251.
femoralis, Broun. Man. N.Z. Coleop. 710, No. 1252.
concolor, Broun. Man. N.Z. Coleop. 710, No. 1253.
eustictus, Broun. Man. N.Z. Coleop. 857, No. 1526.
veronicæ, Broun. Man. N.Z. Coleop. 858, No. 1527.
thomsoni, Broun. Man. N.Z. Coleop. 858, No. 1528.
bicavus, Broun. Man. N.Z. Coleop. 859, No. 1529.
melastomus, Broun. Man. N.Z. Coleop. 859, No. 1530.
confusus, Broun. Man. N.Z. Coleop. 860, No. 1531.
xenorhinus, Broun. Man. N.Z. Coleop. 860, No. 1532.
durus, Broun. Man. N.Z. Coleop. 861, No. 1533.
fuscoventris, Broun. Man. N.Z. Coleop. 861, No. 1534.
fulvus, Broun. Man. N.Z. Coleop. 862, No. 1535.
cheesemani, Broun. Man. N.Z. Coleop. 963, No. 1740.
difformipes, Broun. Man. N.Z. Coleop. 964, No. 1741.
nesobius, Broun. Man. N.Z. Coleop. 965, No. 1742.
anxius, Broun. Man. N.Z. Coleop. 1372, No. 2397.
fuscipes, Broun. Man. N.Z. Coleop. 1373, No. 2398.
- Dorytomus**, Stephens, 1831.
trilobus, Pascoe. Man. N.Z. Coleop. 453, No. 799.
rufirostris, Broun. Man. N.Z. Coleop. 453, No. 801.
lateralis, Broun. Man. N.Z. Coleop. 711, No. 1254.
sudus, Broun. Man. N.Z. Coleop. 711, No. 1255.
ochraceus, Broun. Man. N.Z. Coleop. 712, No. 1256.
æricomus, Broun. Man. N.Z. Coleop. 795, No. 1418.
aciphyllæ, Broun. Man. N.Z. Coleop. 965, No. 1743.
- Neomycta**, Pascoe, 1877.
pulicaris, Pascoe. Man. N.Z. Coleop. 457, No. 807.
rubida, Broun. Man. N.Z. Coleop. 457, No. 808.
- Hypotagea**, Pascoe, 1876.
rubida, Pascoe. Man. N.Z. Coleop. 456, No. 804.
testaceipennis, Broun. Man. N.Z. Coleop. 456, No. 805.
variegata, Broun. Man. N.Z. Coleop. 456, No. 806.
creperus, Broun. Man. N.Z. Coleop. 706, No. 1241.
simulans, Broun. Man. N.Z. Coleop. 706, No. 1242.
castanea, Broun. Man. N.Z. Coleop. 714, No. 1262.
vestita, Broun. Man. N.Z. Coleop. 715, No. 1263.
dissona, Broun. Man. N.Z. Coleop. 863, No. 1538.
tibialis, Broun. Man. N.Z. Coleop. 1376, No. 2403.
- Euprocas**, Broun, 1886.
scitulus, Broun. Man. N.Z. Coleop. 1375, No. 2402.
- Alloprocas**, Broun, 1886.
rufus, Broun. Man. N.Z. Coleop. 1374, 2399.

- Celetotelus**, Broun, 1886.
fulvus, Broun. Man. N.Z. Coleop. 1375, No. 2401.
- Phorostichus**, Broun, 1882.
linearis, Broun. Man. N.Z. Coleop. 705, No. 1240.
- Simachus**, Broun, 1886.
montanus, Broun. Man. N.Z. Coleop. 963, No. 1739.
- Aganeuma**, Broun, 1886.
rufula, Broun. Man. N.Z. Coleop. 1484, No. 2563.
- Stilbopsis**, Broun, 1886.
politus, Broun. Man. N.Z. Coleop. 1483, No. 2562.
- Etheophanus**, Broun, 1886.
pinguis, Broun. Man. N.Z. Coleop. 1233, No. 2171.
- Praolepra**, Pascoe, 1880.
squamosa, Pascoe. Man. N.Z. Coleop. 454, No. 801.
infusca, Broun. Man. N.Z. Coleop. 452, No. 802.
albopicta, Broun. Man. N.Z. Coleop. 712, No. 1257.
rufescens, Broun. Man. N.Z. Coleop. 713, No. 1258.
varia, Broun. Man. N.Z. Coleop. 713, No. 1259.
asperirostris, Broun. Man. N.Z. Coleop. 713, No. 1260.
pallida, Broun. Man. N.Z. Coleop. 714, No. 1261.
- Megacolabus**, Broun, 1886.
sculpturatus, Broun. Man. N.Z. Coleop. 1378, No. 2407.
- Aneuma**, Pascoe, 1876.
fulvipes, Pascoe. Man. N.Z. Coleop. 455, No. 803.
rubricalis, Broun. Man. N.Z. Coleop. 452, No. 797.
stramineipes, Broun. Man. N.Z. Coleop. 862, No. 1536.
ferruginea, Broun. Man. N.Z. Coleop. 862, No. 1537.
compta, Broun. Man. N.Z. Coleop. 934, No. 1680.
- Tysius**, Pascoe, 1875.
amplipennis, Pascoe. Man. N.Z. Coleop. 458, No. 809.
purus, Broun. Man. N.Z. Coleop. 1224, No. 2157.
- Cyttalia**, Pascoe, 1873.
dispar, Broun. Man. N.Z. Coleop. 907, No. 1620.
- Cænophanus**, Broun, 1886.
flavipilus, Broun. Man. N.Z. Coleop. 796, No. 1419.
- Eugnomus**, Schönherr, 1847.
elegans, Pascoe. Man. N.Z. Coleop. 458, No. 810.
picipennis, Pascoe. Man. N.Z. Coleop. 459, No. 811.
fervidus, Pascoe. Man. N.Z. Coleop. 459, No. 812.
wakefieldi, Pascoe. Man. N.Z. Coleop. 459, No. 813.
fucosus, Pascoe. Man. N.Z. Coleop. 459, No. 814.
interstitialis, Broun. Man. N.Z. Coleop. 460, No. 815.

Eugnomus discolor, Broun. Man. N.Z. Coleop. 460, No. 816.
cinnamoneus, White. Man. N.Z. Coleop. 461, No. 817.
maculosus, Broun. Man. N.Z. Coleop. 715, No. 1264.
nubilans, Broun. Man. N.Z. Coleop. 715, No. 1265.
fasciatus, Broun. Man. N.Z. Coleop. 716, No. 1266.
luctuosus, Broun. Man. N.Z. Coleop. 863, No. 1539.
monachus, Broun. Man. N.Z. Coleop. 966, No. 1744.
argutus, Sharp. Man. N.Z. Coleop. 1225, No. 2158.
nobilis, Broun. Man. N.Z. Coleop. 1225, No. 2159.
ænescens, Broun. Man. N.Z. Coleop. 1226, No. 2160.
cyaneus, Broun. Man. N.Z. Coleop. 1227, No. 2161.
tarsalis, Broun. Man. N.Z. Coleop. 1227, No. 2162.
lituratus, Broun. Man. N.Z. Coleop. 1227, No. 2163.
aspersus, Broun. Man. N.Z. Coleop. 1376, No. 2404.
squamifer, Broun. Man. N.Z. Coleop. 1377, No. 2405.
maurus, Broun. Man. N.Z. Coleop. 1377, No. 2406.

Oreocharis, Broun, 1886.

nigriceps, Broun. Man. N.Z. Coleop. 864, No. 1540.
picigularis, Broun. Man. N.Z. Coleop. 865, No. 1541.
nigrescens, Broun. Man. N.Z. Coleop. 865, No. 1542.
cyanea, Broun. Man. N.Z. Coleop. 716, No. 1267.
vittata, Broun. Man. N.Z. Coleop. 1228, No. 2164.
dealbata, Broun. Man. N.Z. Coleop. 1228, No. 2165.

Hoplocneme, White, 1846.

hookeri, White. Man. N.Z. Coleop. 461, No. 818.
punctatissima, Pascoe. Man. N.Z. Coleop. 461, No. 819.
squamosa, Broun. Man. N.Z. Coleop. 462, No. 820.
inæqualis, Broun. Man. N.Z. Coleop. 1229, No. 2166.
cyanea, Broun. Man. N.Z. Coleop. 1230, No. 2167.

Stephanorhynchus, White, 1846.

curvipes, White. Man. N.Z. Coleop. 462, No. 821.
brevipennis, Pascoe. Man. N.Z. Coleop. 463, No. 822.
lawsoni, Sharp. Man. N.Z. Coleop. 463, No. 823.
crassus, Broun. Man. N.Z. Coleop. 464, No. 824.
tuberosus, Broun. Man. N.Z. Coleop. 717, No. 1268.
fatuus, Broun. Man. N.Z. Coleop. 718, No. 1269.
griseipictus, Broun. Man. N.Z. Coleop. 866, No. 1543.
nigrosparus, Broun. Man. N.Z. Coleop. 1230, No. 2168.
insolitus, Broun. Man. N.Z. Coleop. 1231, No. 2169.
costifer, Broun. Man. N.Z. Coleop. 1231, No. 2170.
attelaboides, Fabricius. Ent. Syst. p. 156.

Pactola, Pascoe, 1876.

variabilis, Pascoe. Man. N.Z. Coleop. 465, No. 825.
demissa, Pascoe. Man. N.Z. Coleop. 465, No. 826.
humeralis, Broun. A.M.N.H. 6, xv. 407.

Brexius, Pascoe, 1870.

ascitus, Pascoe. Man. N.Z. Coleop. 465, No. 827.

Sub-family APIONINÆ.

Apion, Herbst, 1797.

metrosideros, Broun. Man. N.Z. Coleop. 466, No. 828.

Sub-family RHINOMACERINÆ.

Rhinorhynchus, Sharp, 1882.

rufulus, Broun. Man. N.Z. Coleop. 467, No. 829.

Sub-family BELINÆ.

Pachyura, Hope, 1833.

metallica, Pascoe. Man. N.Z. Coleop. 469, No. 830.

rubicunda, Broun. Man. N.Z. Coleop. 469, No. 831.

sumptuosa, Broun. Man. N.Z. Coleop. 470, No. 832.

albocoma, Broun. Man. N.Z. Coleop. 1233, No. 2172.

stictica, Broun. Man. N.Z. Coleop. 1379, No. 2408.

Agathinus, Broun, 1880.

tridens, Fabricius. Man. N.Z. Coleop. 471, No. 834.

Sub-family SCOLOPTERINÆ.

Scolopterus, White, 1846.

tetracanthus, White. Man. N.Z. Coleop. 472, No. 835.

æquus, Broun. Man. N.Z. Coleop. 473, No. 836.

penicillatus, White. Man. N.Z. Coleop. 473, No. 837.

pectoralis, Broun. Man. N.Z. Coleop. 474, No. 838.

æneorufus, Broun. Man. N.Z. Coleop. 718, No. 1270.

Icmalius, Broun, 1893.

abnormis, Broun. Man. N.Z. Coleop. 908, No. 1623.

helmsi, Sharp. Ent. Mon. Mag. xviii. 47.

Nyxetes, Pascoe, 1870.

bidens, Fabricius. Man. N.Z. Coleop. 474, No. 839.

rufipes, Broun. Man. N.Z. Coleop. 718, No. 1271.

Ancistropterus, White, 1846.

quadrispinosus, White. Man. N.Z. Coleop. 475, No. 840.

brouni, Sharp. Man. N.Z. Coleop. 475, No. 841.

pilosus, Broun. Man. N.Z. Coleop. 476, No. 843.

Amylopterus, Broun, 1886.

prasinus, Broun. Man. N.Z. Coleop. 797, No. 1420.

Oropterus, White, 1846.

coniger, White. Man. N.Z. Coleop. 477, No. 844.

Sub-family TYCHINÆ.

Sibinia, Germar, 1824.

tychioides, Pascoe. Man. N.Z. Coleop. 478, No. 845.

Sub-family CRYPTORHYNCHINÆ.

Psepholax, White, 1846.

- sulcatus*, White. Man. N.Z. Coleop. 479, No. 846.
- granulatus*, Broun. Man. N.Z. Coleop. 479, No. 847.
- cornutus*, Broun. Man. N.Z. Coleop. 479, No. 848.
- barbifrons*, White. Man. N.Z. Coleop. 480, No. 849.
- punctulatus*, Broun. Man. N.Z. Coleop. 480, No. 850.
- rostralis*, Broun. Man. N.Z. Coleop. 480, No. 851.
- coronatus*, White. Man. N.Z. Coleop. 481, No. 852.
- femoratus*, Broun. Man. N.Z. Coleop. 481, No. 853.
- simplex*, Pascoe. Man. N.Z. Coleop. 481, No. 854.
- mystacinus*, Broun. Man. N.Z. Coleop. 866, No. 1544.
- mediocris*, Broun. Man. N.Z. Coleop. 909, No. 1624.
- brevicornis*, Broun. Man. N.Z. Coleop. 1382, No. 2413.
- crassicornis*, Broun. A.M.N.H. 6, xv. 408.

Pseudoreda, Broun, 1893.

- tibialis*, Broun. Man. N.Z. Coleop. 1383 and 482, No. 855.

Oreda, White, 1846.

- notata*, White. Man. N.Z. Coleop. 487, No. 862.
- brevis*, Pascoe. Man. N.Z. Coleop. 487, No. 863.
- murina*, Broun. Man. N.Z. Coleop. 487, No. 864.

Mesoreda, Broun, 1893.

- setigera*, Broun. Man. N.Z. Coleop. 1235 and 488, No. 865.
- orthorhina*, Broun. Man. N.Z. Coleop. 909, No. 1625.

Homoreda, Broun, 1893.

- punctata*, Broun. Man. N.Z. Coleop. 1383, No. 2414.

Aldonus, White, 1846.

- hylobioides*, White. Man. N.Z. Coleop. 483, No. 856.
- celator*, Pascoe. Man. N.Z. Coleop. 483, No. 857.
- rostratus*, Broun. Man. N.Z. Coleop. 483, No. 858.

Nothaldonus, Broun, 1893.

- peacei*, Broun. Man. N.Z. Coleop. 484, No. 859.

Incentia, Broun, 1880.

- nubila*, Broun. Man. N.Z. Coleop. 485, No. 860.
- straminea*, Broun. Man. N.Z. Coleop. 486, No. 861.

Ectopsis, Broun, 1881.

- ferrugalis*, Broun. Man. N.Z. Coleop. 719, No. 1272.
- simplex*, Broun. A.M.N.H. 6, xii. 383.

Tychanus, Pascoe, 1876.

- gibbus*, Pascoe. Man. N.Z. Coleop. 498, No. 885.
- ferrugatus*, Pascoe. Man. N.Z. Coleop. 498, No. 886.
- densus*, Broun. Man. N.Z. Coleop. 499, No. 887.
- verrucosus*, Pascoe. Man. N.Z. Coleop. 499, No. 888.

- Tychanus lachrymosus**, Broun. Man. N.Z. Coleop. 729, No. 1294.
scabiosus, Broun. Man. N.Z. Coleop. 801, No. 1429.
quadratus, Broun. Man. N.Z. Coleop. 867, No. 1545.
ventralis, Broun. Man. N.Z. Coleop. 935, No. 1682.
bufo, Sharp. Man. N.Z. Coleop. 1239, No. 2182.
dux, Broun. Man. N.Z. Coleop. 1240, No. 2183.
- Sympedius**, Pascoe, 1876.
testudo, Pascoe. Man. N.Z. Coleop. 500, No. 889.
vexatus, Pascoe. Man. N.Z. Coleop. 500, No. 890.
curtus, Broun. Man. N.Z. Coleop. 728, No. 1293.
lepidus, Broun. Man. N.Z. Coleop. 935, No. 1683.
- Crisius**, Pascoe, 1876.
binotatus, Pascoe. Man. N.Z. Coleop. 500, No. 891.
variegatus, Broun. Man. N.Z. Coleop. 501, No. 892.
scutellaris, Broun. Man. N.Z. Coleop. 501, No. 893.
obesulus, Sharp. Man. N.Z. Coleop. 1241, No. 2184.
picicollis, Broun. Man. N.Z. Coleop. 1241, No. 2185.
signatus, Broun. Man. N.Z. Coleop. 1242, No. 2186.
ornatus, Broun. Man. N.Z. Coleop. 1242, No. 2187.
fasciculatus, Broun. Man. N.Z. Coleop. 1492, No. 2574.
- Agacalles**, Broun, 1886.
formosus, Broun. Man. N.Z. Coleop. 967, No. 1746.
- Getacalles**, Broun, 1893.
rostralis, Broun. Man. N.Z. Coleop. 1380, No. 2410.
minor, Broun. Man. N.Z. Coleop. 1381, No. 2411.
humeratus, Broun. Man. N.Z. Coleop. 1381, No. 2412.
inæqualis, Broun. Man. N.Z. Coleop. 1493, No. 2575.
- Tychanopais**, Broun, 1893.
pictulus, Broun. Man. N.Z. Coleop. 1380, No. 2410.
- Dendrostygnus**, Broun, 1895.
calcaratus, Broun. A.M.N.H. 6, xv. 410.
- Hadracalles**, Broun, 1893.
fuliginosus, Broun. Man. N.Z. Coleop. 1384, No. 2415.
- Acalles**, Schönherr, 1826.
intutus, Pascoe. Man. N.Z. Coleop. 489, No. 866.
erroneus, Pascoe. Man. N.Z. Coleop. 489, No. 867.
hystriculus, Pascoe. Man. N.Z. Coleop. 489, No. 868.
impexus, Pascoe. Man. N.Z. Coleop. 490, No. 869.
perpusillus, Pascoe. Man. N.Z. Coleop. 490, No. 870.
trinotatus, Broun. Man. N.Z. Coleop. 490, No. 871.
pascoei, Broun. Man. N.Z. Coleop. 491, No. 872.
signatus, Broun. Man. N.Z. Coleop. 491, No. 873.

- Acalles tortipes*, Broun. Man. N.Z. Coleop. 492, No. 874.
crisioides, Broun. Man. N.Z. Coleop. 492, No. 875.
vividus, Broun. Man. N.Z. Coleop. 493, No. 876.
certus, Broun. Man. N.Z. Coleop. 493, No. 877.
scitus, Broun. Man. N.Z. Coleop. 494, No. 878.
ovatellus, Broun. Man. N.Z. Coleop. 720, No. 1273.
læviculus, Broun. Man. N.Z. Coleop. 721, No. 1275.
cristatus, Broun. Man. N.Z. Coleop. 721, No. 1276.
rudis, Broun. Man. N.Z. Coleop. 721, No. 1277.
dorsalis, Broun. Man. N.Z. Coleop. 722, No. 1278.
volens, Broun. Man. N.Z. Coleop. 722, No. 1279.
horridus, Broun. Man. N.Z. Coleop. 723, No. 1280.
rubricus, Broun. Man. N.Z. Coleop. 723, No. 1281.
spurcus, Broun. Man. N.Z. Coleop. 724, No. 1282.
mundus, Broun. Man. N.Z. Coleop. 724, No. 1283.
canescens, Broun. Man. N.Z. Coleop. 725, No. 1284.
arctus, Broun. Man. N.Z. Coleop. 725, No. 1285.
vafrus, Broun. Man. N.Z. Coleop. 725, No. 1286.
griseus, Broun. Man. N.Z. Coleop. 797, No. 1421.
diversus, Broun. Man. N.Z. Coleop. 798, No. 1422.
cingulatus, Broun. Man. N.Z. Coleop. 798, No. 1423.
sentus, Broun. Man. N.Z. Coleop. 799, No. 1424.
latirostris, Broun. Man. N.Z. Coleop. 799, No. 1425.
decemcristatus, Broun. Man. N.Z. Coleop. 800, No. 1426.
triangulatus, Broun. Man. N.Z. Coleop. 800, No. 1427.
huttoni, Broun. Man. N.Z. Coleop. 801, No. 1428.
setifer, Broun. Man. N.Z. Coleop. 867, No. 1546.
posticalis, Broun. Man. N.Z. Coleop. 868, No. 1547.
terricola, Broun. Man. N.Z. Coleop. 934, No. 1681.
floricola, Broun. Man. N.Z. Coleop. 966, No. 1745.
veratrus, Broun. Man. N.Z. Coleop. 1235, No. 2173.
maritimus, Broun. Man. N.Z. Coleop. 1236, No. 2174.
cryptobius, Broun. Man. N.Z. Coleop. 1236, No. 2175.
ingens, Broun. Man. N.Z. Coleop. 1236, No. 2176.
xanthostictus, Broun. Man. N.Z. Coleop. 1237, No. 2177.
adamsi, Broun. Man. N.Z. Coleop. 1237, No. 2178.
concinus, Broun. Man. N.Z. Coleop. 1238, No. 2179.
australis, Broun. Man. N.Z. Coleop. 1239, No. 2180.
mimus, Broun. Man. N.Z. Coleop. 1385, No. 2416.
lepirhinus, Broun. Man. N.Z. Coleop. 1385, No. 2417.
sympedioides, Broun. Man. N.Z. Coleop. 1386, No. 2418.
dolosus, Broun. Man. N.Z. Coleop. 1484, No. 2564.
comptus, Broun. Man. N.Z. Coleop. 1486, No. 2565.
facilis, Broun. Man. N.Z. Coleop. 1486, No. 2566.
quietus, Broun. Man. N.Z. Coleop. 1487, No. 2567.
aulacus, Broun. Man. N.Z. Coleop. 1489, No. 2570.
allostethus, Broun. Man. N.Z. Coleop. 1490, No. 2571.

- Acalles incultus**, Broun. Man. N.Z. Coleop. 1490, No. 2572.
integer, Broun. A.M.N.H. 6, xii. 374.
formosus, Broun. A.M.N.H. 6, xii. 375.
ruficollis, Broun. A.M.N.H. 6, xii. 376.
porcatus, Broun. A.M.N.H. 6, xii. 377.
puncticollis, Broun. A.M.N.H. 6, xii. 378.
farinosus, Broun. A.M.N.H. 6, xii. 378.
fougeri, Hutton. T.N.Z.I. xxx. 157.
- Acallopais**, Pascoe. 1877.
rudis, Pascoe. Man. N.Z. Coleop. 495, No. 879.
sculpturatus, Broun. Man. N.Z. Coleop. 495, No. 880.
- Scelodolichus**, Broun, 1880.
celsus, Broun. Man. N.Z. Coleop. 496, No. 881.
lineithorax, Broun. Man. N.Z. Coleop. 496, No. 882.
setosus, Broun. Man. N.Z. Coleop. 726, No. 1287.
villosus, Broun. Man. N.Z. Coleop. 726, No. 1288.
denotans, Broun. Man. N.Z. Coleop. 726, No. 1289.
altulus, Broun. Man. N.Z. Coleop. 968, No. 1747.
juncobius, Broun. Man. N.Z. Coleop. 1239, No. 2181.
hilaris, Broun. Man. N.Z. Coleop. 1491, No. 2573.
politus, Broun. A.M.N.H. 6, xv. 412.
squamosus, Broun. A.M.N.H. 6, xv. 413.
- Zeacalles**, Broun, 1893.
flavescens, Broun. A.M.N.H. 6, xii. 380.
varius, Broun. A.M.N.H. 6, xii. 381.
alpestris, Broun. Man. N.Z. Coleop. 1488, No. 2563.
picatus, Broun. Man. N.Z. Coleop. 1488, No. 2569.
- Cyclacalles**, Broun, 1880.
setiger, Broun. Man. N.Z. Coleop. 497, No. 883.
vestitus, Broun. Man. N.Z. Coleop. 497, No. 884.
- Schylus**, Broun, 1895.
nigricollis, Broun. A.M.N.H. 6, xv. 412.
- Metacalles**, Broun, 1893.
aspersus, Broun. A.M.N.H. 6, xii. 382.
rugicollis, Broun. A.M.N.H. 6, xii. 383.
cordipennis, Broun. Man. N.Z. Coleop. 720, No. 1274.
latus, Broun. Man. N.Z. Coleop. 727, No. 1290.
crinitus, Broun. Man. N.Z. Coleop. 727, No. 1291.
exiguus, Broun. Man. N.Z. Coleop. 728, No. 1292.
- Dermothrius**, Broun, 1882.
sanguineus, Broun. Man. N.Z. Coleop. 730, No. 1295.
- Euthryhinus**, Schönherr, 1837.
squamiger, White. Man. N.Z. Coleop. 503, No. 896.

Rhyncodes, White, 1846.

- ursus*, White. Man. N.Z. Coleop. 502, No. 894.
saundersi, White. Man. N.Z. Coleop. 503, No. 895.
squameus, Broun. Man. N.Z. Coleop. 730, No. 1296.
atrus, Broun. Man. N.Z. Coleop. 802, No. 1430.
weberi, Colenso. T.N.Z.I. xiv. 281.
rubipunctatus, Colenso. T.N.Z.I. xiv. 282.

Mitrastethus, Redtenbacher, 1868.

- bituberculatus*, Fabricius. Man. N.Z. Coleop. 504, No. 897.

Paranomocerus, Redtenbacher, 1868.

- spiculus*, Redtenbacher. Man. N.Z. Coleop. 505, No. 898.
maurus, Broun. Man. N.Z. Coleop. 505, No. 899.

Idotasia, Pascoe, 1871.

- egena*, Pascoe. Man. N.Z. Coleop. 506, No. 900.

Mecistostylus, Lacordaire, 1866.

- douei*, Lacordaire. Gen. Col. vii.

Sympiezoscelus, Waterhouse, 1853.

- spencei*, Waterhouse. Trans. Ent. Soc. 2, ii. 204.

Sub-family COSSONINÆ.

Pentarthrum, Wollaston, 1854.

- apicale*, Broun. Man. N.Z. Coleop. 509, No. 906.
sculpturatum, Broun. Man. N.Z. Coleop. 731, No. 1297.
rufum, Broun. Man. N.Z. Coleop. 510, No. 908.
confinis, Broun. Man. N.Z. Coleop. 732, No. 1299.
asperellum, Broun. Man. N.Z. Coleop. 733, No. 1301.
punctatissimum, Broun. Man. N.Z. Coleop. 1246, No. 2194.
porcatum, Sharp. Man. N.Z. Coleop. 1248, No. 2198.
antennale, Broun. A.M.N.H. 6, xv. 415.
zealandicum, Wollaston. Man. N.Z. Coleop. 508, No. 903.
subsericatum, Wollaston. Man. N.Z. Coleop. 509, No. 905.
cylindricum, Wollaston. Trans. Ent. Soc. 2, v. 398.
punctirostre, Broun. Man. N.Z. Coleop. 733, No. 1300.
melanosternum, Broun. Man. N.Z. Coleop. 869, No. 1548.
fultoni, Broun. Man. N.Z. Coleop. 1243, No. 2189.
amicum, Broun. Man. N.Z. Coleop. 1247, No. 2195.
brunneum, Broun. Man. N.Z. Coleop. 510, No. 907.
brevirostre, Sharp. Man. N.Z. Coleop. 512, No. 911.
ruficornis, Broun. Man. N.Z. Coleop. 734, No. 1304.
rugirostre, Broun. Man. N.Z. Coleop. 734, No. 1303.
punctatum, Broun. Man. N.Z. Coleop. 518, No. 925.
piceum, Broun. Man. N.Z. Coleop. 515, No. 919.
reductum, Broun. Man. N.Z. Coleop. 732, No. 1298.
assimilatum, Broun. Man. N.Z. Coleop. 511, No. 909.

- Pentarthrum longirostre**, Wollaston. Man. N.Z. Coleop. 508, No. 904.
morosum, Broun. Man. N.Z. Coleop. 969, No. 1749.
fulvum, Broun. Man. N.Z. Coleop. 1243, No. 2188.
crenatum, Broun. Man. N.Z. Coleop. 804, No. 1431.
lateritium, Broun. Man. N.Z. Coleop. 518, No. 924.
exile, Broun. Man. N.Z. Coleop. 1245, No. 2193.
nubilum, Broun. Man. N.Z. Coleop. 1244, No. 2191.
aurantiacum, Broun. Man. N.Z. Coleop. 1245, No. 2192.
macrocephalum, Broun. Man. N.Z. Coleop. 869, No. 1549.
diversum, Broun. Man. N.Z. Coleop. 1244, No. 2190.
cephalotes, Sharp. Man. N.Z. Coleop. 1247, No. 2197.
angustum, Broun. Man. N.Z. Coleop. 910, No. 1626.
proximum, Broun. Man. N.Z. Coleop. 910, No. 1627.
spadiceum, Broun. Man. N.Z. Coleop. 911, No. 1628.
servium, Broun. Man. N.Z. Coleop. 911, No. 1629.
comatum, Broun. Man. N.Z. Coleop. 968, No. 1748.
philpotti, Broun. A.M.N.H. 6, xv. 415.
helmsianum, Sharp. Man. N.Z. Coleop. 1247, No. 2196.
- Sericotrogus**, Wollaston, 1873.
subænescens, Wollaston. Man. N.Z. Coleop. 521, No. 929.
ovicollis, Broun. Man. N.Z. Coleop. 522, No. 931.
stramineus, Broun. Man. N.Z. Coleop. 523, No. 932.
simulans, Sharp. Man. N.Z. Coleop. 523, No. 933.
vestitus, Broun. Man. N.Z. Coleop. 514, No. 916.
auricomus, Broun. Man. N.Z. Coleop. 733, No. 1302.
- Eucossonus**, Broun, 1886.
comptus, Broun. Man. N.Z. Coleop. 870, No. 1550.
elegans, Broun. Man. N.Z. Coleop. 1386, No. 2419.
gracilis, Broun. Man. N.Z. Coleop. 1387, No. 2420.
setiger, Sharp. Man. N.Z. Coleop. 523, No. 934.
castus, Broun. Man. N.Z. Coleop. 736, No. 1307.
- Agastegnus**, Broun, 1886.
ruficollis, Broun. Man. N.Z. Coleop. 806, No. 1432.
coloratus, Broun. Man. N.Z. Coleop. 911, No. 1630.
femoralis, Broun. Man. N.Z. Coleop. 970, No. 1751.
sericatus, Broun. Man. N.Z. Coleop. 970, No. 1752.
nitidirostris, Broun. Man. N.Z. Coleop. 1250, No. 2202.
distinctus, Broun. Man. N.Z. Coleop. 1388, No. 2421.
longipes, Broun. Man. N.Z. Coleop. 522, No. 930.
- Microtribus**, Wollaston, 1873.
huttoni, Wollaston. Man. N.Z. Coleop. 527, No. 937.
pictonensis, Sharp. Man. N.Z. Coleop. 1250, No. 2203.
- Mesoxenophasis**, Wollaston, 1874.
brouni, Wollaston. Man. N.Z. Coleop. 525, No. 935.

- Entium**, Sharp, 1878.
aberrans, Sharp. Man. N.Z. Coleop. 520, No. 927.
- Agrilochilus**, Broun, 1880.
prolixus, Broun. Man. N.Z. Coleop. 521, No. 928.
- Novitas**, Broun, 1880.
rufus, Broun. Man. N.Z. Coleop. 528, No. 938.
nigrans, Broun. A.M.N.H. 6, xii. 385; Man. N.Z. Coleop. 528, No. 939.
dispar, Broun. Man. N.Z. Coleop. 1251, No. 2204.
- Rhinanisus**, Broun, 1886.
fulvicornis, Broun. Man. N.Z. Coleop. 512, No. 912.
parvicornis, Sharp. Man. N.Z. Coleop. 513, No. 913.
contiguus, Broun. Man. N.Z. Coleop. 517, No. 923.
confertum, Sharp. Man. N.Z. Coleop. 1248, No. 2199.
constrictus, Sharp. Man. N.Z. Coleop. 1249, No. 2200.
cheesemani, Broun. Man. N.Z. Coleop. 1249, No. 2201.
sagax, Broun. Man. N.Z. Coleop. 969, No. 1750.
- Macroscytalus**, Broun, 1886.
laticollis, Broun. Man. N.Z. Coleop. 737, No. 1308.
russulus, Broun. Man. N.Z. Coleop. 737, No. 1309.
remotus, Sharp. Man. N.Z. Coleop. 513, No. 914.
æneopiceus, Broun. Man. N.Z. Coleop. 513, No. 915.
badius, Broun. Man. N.Z. Coleop. 516, No. 920.
frontalis, Broun. A.M.N.H. 6, xii. 386.
- Bæorhopalus**, Broun, 1886.
glabrus, Broun. Man. N.Z. Coleop. 735, No. 1305.
- Glyphoramphus**, Broun, 1886.
rarus, Broun. Man. N.Z. Coleop. 971, No. 1753.
- Camptoscopus**, Broun, 1893.
sanguineus, Broun. A.M.N.H. 6, xii. 385.
planiusculus, Broun. Man. N.Z. Coleop. 511, No. 910.
conicollis, Broun. Man. N.Z. Coleop. 735, No. 1306.
- Idus**, Broun, 1893.
cæcus, Broun. Man. N.Z. Coleop. 1494, No. 2576.
- Heteropsis**, Wollaston, 1873.
lawsoni, Wollaston. Man. N.Z. Coleop. 529, No. 940.
- Proconus**, Broun, 1886.
asperirostris, Broun. Man. N.Z. Coleop. 516, No. 921.
crassipes, Broun. Man. N.Z. Coleop. 912, No. 1631.
- Diöedimorpha**, Broun, 1886.
wollastonianum, Sharp. Man. N.Z. Coleop. 514, No. 917.
debile, Sharp. Man. N.Z. Coleop. 514, No. 918.
- Arecocryptus**, Broun, 1903 (substituted for *Canthorhynchus*).
bellus, Broun. Man. N.Z. Coleop. 526, No. 936.

- Phlæophagosoma**, Wollaston, 1873.
corvinum, Wollaston. Man. N.Z. Coleop. 530, No. 941.
thoracicum, Wollaston. Man. N.Z. Coleop. 531, No. 943.
dilutum, Wollaston. Man. N.Z. Coleop. 531, No. 944.
pedatum, Wollaston. Man. N.Z. Coleop. 532, No. 945.
rugipenne, Broun. Man. N.Z. Coleop. 738, No. 1310.
abdominale, Broun. Man. N.Z. Coleop. 738, No. 1311.
serenum, Broun. Man. N.Z. Coleop. 1251, No. 2205.
- Eutornus**, Wollaston, 1873.
dubius, Wollaston. Man. N.Z. Coleop. 534, No. 948.
vicinus, Broun. Man. N.Z. Coleop. 535, No. 949.
breviceps, Broun. Man. N.Z. Coleop. 535, No. 950.
amplus, Broun. Man. N.Z. Coleop. 535, No. 951.
littoralis, Broun. Man. N.Z. Coleop. 536, No. 952.
cylindricus, Broun. Man. N.Z. Coleop. 1252, No. 2206.
parvulus, Broun. Man. N.Z. Coleop. 1253, No. 2207.
- Arecophaga**, Broun, 1880.
varia, Broun. Man. N.Z. Coleop. 534, No. 947.
- Pogonohrinus**, Broun, 1903 (substituted for *Sasiorhinus*, 1880).
opacus, Broun. Man. N.Z. Coleop. 533, No. 946.
- Euodontus**, Broun, 1886.
punctithorax, Broun. Man. N.Z. Coleop. 808, No. 1434.
- Exomesites**, Broun, 1886.
optimus, Broun. Man. N.Z. Coleop. 972, No. 1754.
- Stilbocara**, Broun, 1893.
nitida, Broun. A.M.N.H. 6, xii. 387.
constricticollis, Broun. Man. N.Z. Coleop. 530, No. 942.
- Allaorus**, Broun, 1893.
urquharti, Broun. Man. N.Z. Coleop. 1495, No. 2577.
pedatus, Broun. Man. N.Z. Coleop. 1496, No. 2578.
sternalis, Broun. Man. N.Z. Coleop. 1496, No. 2579.
ovatus, Broun. Man. N.Z. Coleop. 1497, No. 2580.
pyriformis, Broun. Man. N.Z. Coleop. 1223, No. 2154.
rugosus, Broun. Man. N.Z. Coleop. 1223, No. 2155.
versutus, Broun. Man. N.Z. Coleop. 447, No. 788.
- Pselactus**, Broun, 1886.
punctatus, Broun. Man. N.Z. Coleop. 972, No. 1755.
- Xenocnema**, Wollaston, 1873.
spinipes, Wollaston. Man. N.Z. Coleop. 537, No. 953.
- Inosomus**, Broun, 1903 (substituted for *Stenopus*, 1880).
rufopiceus, Broun. Man. N.Z. Coleop. 739, No. 1312.

Family SCOLYTIDÆ.

Sub-family SCOLYTINÆ.

- Pachycotes**, Sharp, 1877.
ventralis, Sharp. Man. N.Z. Coleop. 538, No. 954.
- Hylastes**, Erichson, 1836.
peregrinus, Chapuis. Man. N.Z. Coleop. 539, No. 955.
- Acrantus**, Broun, 1903 (substituted for *Homarus*, 1881).
mundulus, Broun. Man. N.Z. Coleop. 740, No. 1313.
opacus, Broun. A.M.N.H. 6, xv. 417.
- Dendrotrupes**, Broun, 1881.
vestitus, Broun. Man. N.Z. Coleop. 741, No. 1314.
costiceps, Broun. Man. N.Z. Coleop. 741, No. 1315.
- Tomicus**, Latreille, 1810.
asper, Broun. Man. N.Z. Coleop. 742, No. 1316.
- Mesoscolytus**, Broun, 1903 (substituted for *Aplate*).
inurbanus, Broun. Man. N.Z. Coleop. 346, No. 629.

Sub-family PLATYPIDÆ.

- Platypus**, Herbst, 1793.
duei, Reich. Man. N.Z. Coleop. 540, No. 956.
apicalis, White. Man. N.Z. Coleop. 541, No. 957.
caviceps, Broun. Man. N.Z. Coleop. 541, No. 958.
castaneus, Broun. Man. N.Z. Coleop. 542, No. 959.
lobatus, Broun. Man. N.Z. Coleop. 1253, No. 2208.
gracilis, Broun. Man. N.Z. Coleop. 1254, No. 2209.

Family BRENTHIDÆ.

- Lasiorhynchus**, Lacordaire, 1866.
barbicornis, Fabricius. Man. N.Z. Coleop. 544, No. 961.
cylindricornis, Fabricius. Man. N.Z. Coleop. 543, No. 960.

Family ANTHRIBIDÆ.

- Anthribus**, Geoffroy, 1762.
spinifer, Sharp. Man. N.Z. Coleop. 545, No. 962.
sharpi, Broun. Man. N.Z. Coleop. 546, No. 963.
brouni, Sharp. Man. N.Z. Coleop. 547, No. 964.
sandageri, Broun. Man. N.Z. Coleop. 1261, No. 2224.
obsoletus, Broun. Man. N.Z. Coleop. 1262, No. 2225.
rudis, Sharp. Man. N.Z. Coleop. 547, No. 965.
bullatus, Sharp. Man. N.Z. Coleop. 548, No. 966.
vates, Sharp. Man. N.Z. Coleop. 548, No. 967.
inornatus, Sharp. Man. N.Z. Coleop. 1255, No. 2212.
concolor, Sharp. Man. N.Z. Coleop. 1256, No. 2213.
brunneus, Broun. Man. N.Z. Coleop. 1262, No. 2225.
flavipilus, Broun. A.M.N.H. 6, xv. 417.

- Anthribus tessellatus**, Broun. Man. N.Z. Coleop. 1263, No. 2226.
curvatus, Broun. Man. N.Z. Coleop. 1263, No. 2227.
lanuginosus, Broun. Man. N.Z. Coleop. 549, No. 968.
phymatodes, Redtenbacher. Man. N.Z. Coleop. 550, No. 969.
hetæra, Sharp. Man. N.Z. Coleop. 550, No. 970.
discedens, Sharp. Man. N.Z. Coleop. 551, No. 971.
altus, Sharp. Man. N.Z. Coleop. 551, No. 972.
ornatus, Sharp. Man. N.Z. Coleop. 552, No. 973.
huttoni, Sharp. Man. N.Z. Coleop. 553, No. 974.
decens, Broun. Man. N.Z. Coleop. 1264, No. 2228.
finitimus, Broun. Man. N.Z. Coleop. 1264, No. 2229.
anxius, Broun. Man. N.Z. Coleop. 1265, No. 2230.
lætabilis, Broun. Man. N.Z. Coleop. 1265, No. 2231.
deterius, Broun. Man. N.Z. Coleop. 1266, No. 2232.
impar, Broun. Man. N.Z. Coleop. 1266, No. 2233.
picipictus, Broun. Man. N.Z. Coleop. 742, No. 1317.
nigrescens, Broun. Man. N.Z. Coleop. 743, No. 1318.
torulosus, Broun. Man. N.Z. Coleop. 743, No. 1319.
crassus, Sharp. Man. N.Z. Coleop. 560, No. 983.
nanus, Sharp. Man. N.Z. Coleop. 561, No. 984.
atomus, Sharp. Man. N.Z. Coleop. 561, No. 985.
purpureus, Broun. Man. N.Z. Coleop. 559, No. 982.
minor, Broun. Man. N.Z. Coleop. 1260, No. 2221.
fungicola, Broun. Man. N.Z. Coleop. 1261, No. 2222.
thoracicus, Broun. Man. N.Z. Coleop. 1261, No. 2223.
- Exilis**, Pascoe, 1873 (= *Lawsonia*, Sharp).
lawsoni, Sharp. Man. N.Z. Coleop. 556, No. 978.
variabilis, Sharp. Man. N.Z. Coleop. 557, No. 979.
- Arecopais**, Broun, 1893.
spectabilis, Broun. Man. N.Z. Coleop. 558, No. 980.
- Proscoporhinus**, Montrouzier, 1860.
meinertzhageni, Broun. Man. N.Z. Coleop. 563, No. 989.
signatus, Broun. Man. N.Z. Coleop. 1268, No. 2234.
viridescens, Broun. Man. N.Z. Coleop. 1269, No. 2235.
albifrons, Sharp. Man. N.Z. Coleop. 1269, No. 2236.
- Etnalis**, Sharp, 1873.
spinicollis, Sharp. Man. N.Z. Coleop. 554, No. 975.
- Eugonissus**, Broun, 1893.
pictipes, Broun. Man. N.Z. Coleop. 1257, No. 2215.
conulus, Broun. Man. N.Z. Coleop. 555, No. 976.
proximus, Broun. Man. N.Z. Coleop. 555, No. 977.
- Dysnocryptus**, Broun, 1893.
plagiatus, Broun. Man. N.Z. Coleop. 1258, No. 2216.

- Dysnocryptus testaceus**, Broun. Man. N.Z. Coleop. 1259, No. 2217.
pallidus, Broun. Man. N.Z. Coleop. 1259, No. 2218.
maculifer, Broun. Man. N.Z. Coleop. 1260, No. 2219.
nigricans, Broun. Man. N.Z. Coleop. 1260, No. 2220.
inflatus, Sharp. Man. N.Z. Coleop. 562, No. 986.
dignus, Broun. Man. N.Z. Coleop. 563, No. 987.
rugosus, Sharp. Man. N.Z. Coleop. 563, No. 988.
- Aræocerus**, Pascoe, 1876.
pardalis, Pascoe. Man. N.Z. Coleop. 559, No. 981.
- Xenanthribus**, Broun, 1893.
hirsutus, Broun. Man. N.Z. Coleop. 1270, No. 2237.

Order HEMIPTERA.

Sub-order HETEROPTERA.

Family PENTATOMIDÆ.

Sub-family ASOPINÆ.

- Æchalia**, Stål, 1862.
schellebergii, Guérin. Hutton, T.N.Z.I. xxx. 169.
- Cermatulus**, Dall, 1851.
nasalis, Westwood. Hutton, T.N.Z.I. xxx. 170.

Sub-family SCIOCORINÆ.

- Dictyotus**, Dall, 1851.
vilis, Walker. Hutton, T.N.Z.I. xxx. 170.

Sub-family PENTATOMINÆ.

- Nezara**, Amyot and Serville, 1843.
amoyti, White. Hutton, T.N.Z.I. xxx. 170.

Sub-family HALYDINÆ.

- Platycoris**, Guérin, 1830.
immarginatus, Dallas. Hutton, T.N.Z.I. xxx. 171.

Sub-family ACANTHOSOMATINÆ.

- Rhopalimorpha**,
obscura, White. Hutton, T.N.Z.I. xxx. 171.
- Anubis**, Stål, 1864.
vittatus, Fabricius. Hutton, T.N.Z.I. xxx. 171.

Sub-family CYDNINÆ.

- Geotomus**, Mulsant, 1866.
leptospermi, White. Hutton, T.N.Z.I. xxx. 172.
- Pangœus**, Stål, 1862.
scotti, Signoret. Hutton, T.N.Z.I. xxx. 172.

- Chærocycdnus**, White, 1841.
nigrosignatus, Buchanan-White. Hutton, T.N.Z.I. xxx. 172.

Family LYGÆIDÆ.

Sub-family BERYTINÆ.

- Neides**, Latreille, 1802.
wakefieldi, Buchanan-White. Hutton, T.N.Z.I. xxx. 172.

Sub-family LYGÆINÆ.

- Arocatus**, Spinola, 1337.
ruficollis, Walker. Hutton, T.N.Z.I. xxx. 173.

- Nysius**, Dall, 1832.
zealandicus, Dallas. Hutton, T.N.Z.I. xxx. 173.
anceps, Buchanan-White. Hutton, T.N.Z.I. xxx. 173.
huttoni, Buchanan-White. Hutton, T.N.Z.I. xxx. 173.

- Paresuris**, Reuter, 1890.
helmsi, Reuter. Hutton, T.N.Z.I. xxx. 173.

Sub-family PACHYMERINÆ.

- Plociomerus**, Luy, 1831.
inornatus, Walker. Hutton, T.N.Z.I. xxx. 174.

- Metagerra**, Buchanan-White, 1878.
obscura, Buchanan-White. Hutton, T.N.Z.I. xxx. 174.

- Targarema**, Buchanan-White, 1878.
electa, Buchanan-White. Hutton, T.N.Z.I. xxx. 174.
stâli, Buchanan-White. Hutton, T.N.Z.I. xxx. 174.

- Margareta**, Buchanan-White, 1878.
dominica, Buchanan-White. Hutton, T.N.Z.I. xxx. 174.

- Scolopostethus**, Fieber, 1861.
putoni, Buchanan-White. Hutton, T.N.Z.I. xxx. 175.

Family PHYMATIDÆ.

- Phymata**, Latreille, 1802.
feredayi, Scott. Hutton, T.N.Z.I. xxx. 175.
conspicua, Scott. Hutton, T.N.Z.I. xxx. 175.

Family ARADINIDÆ.

- Aradus**, Fabricius, 1803.
australis, Erichson. Hutton, T.N.Z.I. xxx. 175.

- Ctenoneurus**, Bergroth, 1888.
hochstetteri, Mayr. Hutton, T.N.Z.I. xxx. 175; Distant,
 A.M.N.H. 7, xi. 361.

- Aneurus**, Curtis, 1825.
brouni, Buchanan-White. Hutton, T.N.Z.I. xxx. 175.

Family HYDROMETRIDÆ.

- Hydroessa**, Burmeister, 1835.
macgregori, Kirkaldy. Rev. Ent. France, xviii. 91 (1899).

Family CAPSIDÆ.

- Megalocerœa**, Fieber, 1858.
reuteriana, Buchanan-White. Hutton, T.N.Z.I. xxx. 176.
- Morna**, Buchanan-White, 1878.
capsoides, Buchanan-White. Hutton, T.N.Z.I. xxx. 176.
scotti, Buchanan-White. Hutton, T.N.Z.I. xxx. 177.
- Reuda**, Buchanan-White, 1878.
mayri, Buchanan-White. Hutton, T.N.Z.I. xxx. 177.
- Capsus**, Fabricius, 1803.
laticinctus, Walker. Hutton, T.N.Z.I. xxx. 177.
ustulatus, Walker. Hutton, T.N.Z.I. xxx. 177.
- Leptomerochoris**, Kirschb., 1855.
maoricus, Walker. Hutton, T.N.Z.I. xxx. 177.

Family ANTHOCORIDÆ.

- Cardiastethus**, Buchanan-White, 1875 (?).
brounianus, Buchanan-White. Hutton, T.N.Z.I. xxx. 178.
consors, Buchanan-White. Hutton, T.N.Z.I. xxx. 178.
poweri, Buchanan-White. Hutton, T.N.Z.I. xxx. 178.

Family REDUVIIDÆ.

- Pirates**, Burmeister, 1835.
ephippigera, White. Hutton, T.N.Z.I. xxx. 178.

Family EMESIDÆ.

- Emesodema**, Spinola, 1837.
huttoni, Scott. Hutton, T.N.Z.I. xxx. 179.

Family NABIDÆ.

- Nabis**, Latreille, 1802.
saundersi, Buchanan-White. Hutton, T.N.Z.I. xxx. 178.
maoricus, Walker. Hutton, T.N.Z.I. xxx. 178.

Family SALDIDÆ.

- Salda**, Fabricius, 1803.
australis, Buchanan-White. Hutton, T.N.Z.I. xxx. 179.
bulteri, Buchanan-White. Hutton, T.N.Z.I. xxx. 179.
lælaps, Buchanan-White. Hutton, T.N.Z.I. xxx. 179.

Family NOTONECTIDÆ.

- Anisops**, Spinola, 1837.
wakefieldi, Buchanan-White. Hutton, T.N.Z.I. xxx. 179.
assimilis, Buchanan-White. Hutton, T.N.Z.I. xxx. 180.

Family CORIXIDÆ.

- Corixa**, Geoffroy, 1762.
arguta, Buchanan-White. Hutton, T.N.Z.I. xxx. 180.

Family SIGARIIDÆ.

- Diaprepocoris**, Kirkaldy, 1897.
barycephala, Kirkaldy, A.M.N.H. 6, xx. 53.

Sub-order HOMOPTERA.

Series TRIMERA.

Family CICADIDÆ.

- Melampsalta**, Amyot, 1847.
scutellaris, Walker. Hutton, T.N.Z.I. xxx. 181.
cingulata, Fabricius. Hutton, T.N.Z.I. xxx. 182.
obscura, Hudson. Hutton, T.N.Z.I. xxx. 182.
muta, Fabricius. Hutton, T.N.Z.I. xxx. 182.
cutora, Walker. Hutton, T.N.Z.I. xxx. 182.
cruentata, Fabricius. Hutton, T.N.Z.I. xxx. 182.
sericea, Walker. Hutton, T.N.Z.I. xxx. 183.
flavescens, Hudson. Hutton, T.N.Z.I. xxx. 183.
angusta, Walker. Hutton, T.N.Z.I. xxx. 183.
cincta, Walker. Hutton, T.N.Z.I. xxx. 183.
iolanthe, Hudson. Hutton, T.N.Z.I. xxx. 183.
nervosa, Walker. Hutton, T.N.Z.I. xxx. 183.
mangu, Buchanan-White. Hutton, T.N.Z.I. xxx. 184.
cassiope, Hudson. Hutton, T.N.Z.I. xxx. 184.

Family CERCOPIDÆ.

Sub-family APHROPHORINÆ.

- Aphrophora**, Germar, 1821.
jactator, Buchanan-White. Hutton, T.N.Z.I. xxx. 184.
Phlænus, Stål, 1864.
finogens, Walker. Hutton, T.N.Z.I. xxx. 184.
subvirescens, White. Hutton, T.N.Z.I. xxx. 184.
trimaculatus, White. Hutton, T.N.Z.I. xxx. 184.

Family JASSIDÆ.

- Dorydium**, Burmeister, 1835.
westwoodi, Buchanan-White. Hutton, T.N.Z.I. xxx. 185.
Athysanus, Burmeister, 1835.
negatus, Buchanan-White. Hutton, T.N.Z.I. xxx. 185.

Family FULGORIDÆ.

Sub-family CIXINÆ.

- Cixius**, Latreille, 1804.
interior, Walker. Hutton, T.N.Z.I. xxx. 185.
punctimargo, Walker. Hutton, T.N.Z.I. xxx. 186.

Cixius rufifrons, Walker. Hutton, T.N.Z.I. xxx. 186.
aspilus, Walker. Hutton, T.N.Z.I. xxx. 186.

Oliarus, Stål, 1862.

oppositus, Walker. Hutton, T.N.Z.I. xxx. 186.

marginalis, Walker. Hutton, T.N.Z.I. xxx. 186.

Aka, Buchanan-White, 1879.

fnitima, Walker. Hutton, T.N.Z.I. xxx. 186.

Semo, Buchanan-White, 1879.

clypeatus, Buchanan-White. Hutton, T.N.Z.I. xxx. 187.

Sub-family ACHILINÆ.

Agandecca, Buchanan-White, 1879.

annectens, Buchanan-White. Hutton, T.N.Z.I. xxx. 187.

Sub-family DELPHACINÆ.

Cona, Buchanan-White, 1879.

cælata, Buchanan-White. Hutton, T.N.Z.I. xxx. 187.

Series DIMERA.

Family PSYLLIDÆ.

Sub-family APHALARINÆ.

Rhinocola, Förster, 1848.

eucalypti, Maskell. T.N.Z.I. xxii. 160.

fuchsiae, Maskell. T.N.Z.I. xxii. 162.

Sub-family TRIOZINÆ.

Trioza, Förster, 1848.

pellucida, Maskell. T.N.Z.I. xxii. 164.

panacis, Maskell. T.N.Z.I. xxii. 167.

Family ALEURODIDÆ.

Aleurodes, Amyot and Serville, 1843.

papillifer, Maskell. T.N.Z.I. xxii. 173.

asplenii, Maskell. T.N.Z.I. xxii. 173.

melicyti, Maskell. T.N.Z.I. xxii. 174.

fagi, Maskell. T.N.Z.I. xxii. 175.

simplex, Maskell. T.N.Z.I. xxii. 175.

cerata, Maskell. T.N.Z.I. xxviii. 425.

fodiens, Maskell. T.N.Z.I. xxviii. 433.

Series MONOMERA.

Family COCCIDÆ.

Sub-family DIASPIDINÆ.

Aspidiotus, Bouché, 1834.

atherospermæ, Maskell. T.N.Z.I. xxvii. 1.

carpodeti, Maskell. T.N.Z.I. xxvii. 2.

- Aspidiotus corokiæ**, Maskell. T.N.Z.I. xxvii. 3.
dysoxyli, Maskell. T.N.Z.I. xxvii. 3.
sophoræ, Maskell. T.N.Z.I. xxvii. 4.

- Diaspis**, Costa, 1836.
santali, Maskell. T.N.Z.I. xxvii. 5.

- Mytilaspis**, Targioni-Tozzetti, 1868.
cordylinidis, Maskell. T.N.Z.I. xxvii. 6.
drimydis, Maskell. T.N.Z.I. xxvii. 6.
epiphytidis, Maskell. T.N.Z.I. xxvii. 6.
intermedia, Maskell. T.N.Z.I. xxvii. 7.
lactea, Maskell. T.N.Z.I. xxvii. 7.
leptospermi, Maskell. T.N.Z.I. xxvii. 7.
metrosideri, Maskell. T.N.Z.I. xxvii. 7.
phymatodidis, Maskell. T.N.Z.I. xxvii. 7.
pyriformis, Maskell. T.N.Z.I. xxvii. 7.

- Poliaspis**, Maskell, 1879.
media, Maskell. T.N.Z.I. xxvii. 9.

- Chionaspis**, Signoret, 1869.
dubia, Maskell. T.N.Z.I. xxvii. 9.
dysoxyli, Maskell. T.N.Z.I. xxvii. 9.
minor, Maskell. T.N.Z.I. xxvii. 10.

- Fiorinia**, Signoret, 1869.
asteliæ, Maskell. T.N.Z.I. xxvii. 10.
grossulariæ, Maskell. T.N.Z.I. xxvii. 11.
minima, Maskell. T.N.Z.I. xxvii. 11.
stricta, Maskell. T.N.Z.I. xxvii. 11.

Sub-family LECANINÆ.

- Lecanochiton**, Maskell, 1881.
metrosideri, Maskell. T.N.Z.I. xxvii. 11.
minor, Maskell. T.N.Z.I. xxvii. 11.

- Ctenochiton**, Maskell, 1878.
dacrydii, Maskell. T.N.Z.I. xxvii. 12.
depressus, Maskell. T.N.Z.I. xxvii. 12.
elæocarpi, Maskell. T.N.Z.I. xxvii. 12.
elongatus, Maskell. T.N.Z.I. xxvii. 12.
flavus, Maskell. T.N.Z.I. xxvii. 13.
fuscus, Maskell. T.N.Z.I. xxvii. 13.
hymenanthæ, Maskell. T.N.Z.I. xxvii. 13.
perforatus, Maskell. T.N.Z.I. xxvii. 13.
piperis, Maskell. T.N.Z.I. xxvii. 13.
viridis, Maskell. T.N.Z.I. xxvii. 13.

- Inglisia**, Maskell, 1878.
fagi, Maskell. T.N.Z.I. xxvii. 13.

- Inglisia inconspicua**, Maskell. T.N.Z.I. xxvii. 14.
leptospermi, Maskell. T.N.Z.I. xxvii. 14.
ornata, Maskell. T.N.Z.I. xxvii. 14.
patella, Maskell. T.N.Z.I. xxvii. 14.
- Lecanium**, Burmeister, 1835.
cassinia, Maskell. T.N.Z.I. xxvii. 15.
- Eriochiton**, Maskell, 1878.
hispidus, Maskell. T.N.Z.I. xxvii. 18.
spinosus, Maskell. T.N.Z.I. xxvii. 18.
- Sub-family COCCINÆ.
- Solenophora**, Maskell, 1889.
corokia, Maskell. T.N.Z.I. xxvii. 19.
fagi, Maskell. T.N.Z.I. xxvii. 19.
- Planchonia**, Signoret, 1870.
epacridis, Maskell. T.N.Z.I. xxvii. 19.
- Rhizococcus**, Signoret, 1875.
celmisia, Maskell. T.N.Z.I. xxvii. 20.
fossor, Maskell. T.N.Z.I. xxvii. 20.
intermedius, Maskell. T.N.Z.I. xxvii. 20.
maculatus, Maskell. T.N.Z.I. xxvii. 20.
pulchellus, Maskell. T.N.Z.I. xxvii. 21.
totaræ, Maskell. T.N.Z.I. xxvii. 21.
- Gossyparia**, Signoret, 1875.
cavellii, Maskell. T.N.Z.I. xxvii. 21.
- Eriococcus**, Targioni-Tozzetti.
danthonia, Maskell. T.N.Z.I. xxvii. 22.
fagicorticus, Maskell. T.N.Z.I. xxvii. 22.
hoheria, Maskell. T.N.Z.I. xxvii. 22.
multispinus, Maskell. T.N.Z.I. xxvii. 22.
pallidus, Maskell. T.N.Z.I. xxvii. 22.
phyllocladi, Maskell. T.N.Z.I. xxvii. 23.
raithbyi, Maskell. T.N.Z.I. xxvii. 23.
- Ripersia**, Signoret, 1874.
fagi, Maskell. T.N.Z.I. xxvii. 23.
formicicola, Maskell. T.N.Z.I. xxvii. 23; Smith, T.N.Z.I. xxviii. 474.
rumicus, Maskell. T.N.Z.I. xxvii. 24.
- Dactylopius**, Costa, 1836.
alpinus, Maskell. T.N.Z.I. xxvii. 24.
arecæ, Maskell. T.N.Z.I. xxvii. 24; Smith, T.N.Z.I. xxviii. 470.
aurilanatus, Maskell. T.N.Z.I. xxvii. 24.
calceolaria, Maskell. T.N.Z.I. xxvii. 24.

- Dactylopius glaucus**, Maskell. T.N.Z.I. xxvii. 25.
iceryoides, Maskell. T.N.Z.I. xxvii. 25.
obtectus, Maskell. T.N.Z.I. xxvii. 26.
poæ, Maskell. T.N.Z.I. xxvii. 26.

- Pseudococcus**, Westwood, 1848.
asteliæ, Maskell. T.N.Z.I. xxvii. 26.

Sub-family MONOPHLEBINÆ.

- Leachia**, Signoret, 1875.
zealandica, Maskell. T.N.Z.I. xxvii. 29.

- Cœlostoma**, Maskell, 1879.
assimile, Maskell. T.N.Z.I. xxvii. 29.
compressum, Maskell. T.N.Z.I. xxvii. 29.
pilosum, Maskell. T.N.Z.I. xxvii. 29.
wairoense, Maskell. T.N.Z.I. xxvii. 30.
zealandicum, Maskell. T.N.Z.I. xxvii. 30.

- Icerya**, Signoret, 1874.
purchasi, Maskell. T.N.Z.I. xxvii. 30.

Sub-order ANOPLURA.

Family PEDICULIDÆ.

- Echinophthirius**, Gieb, 1871.
microchir, Trouessart. La Nature, 2, ii. 80.

Order NEUROPTERA.

Series TRICHOPTERA.

Family SERICOSTOMATIDÆ.

- Æconesus**, McLachlan, 1862.
maori, McLachlan. Hutton, T.N.Z.I. xxxi. 235.
- Pseudæconesus**, McLachlan, 1894.
mimus, McLachlan. Hutton, T.N.Z.I. xxxi. 236.
stramineus, McLachlan. Hutton, T.N.Z.I. xxxi. 236.
- Olinga**, McLachlan, 1894.
feredayi, McLachlan. Hutton, T.N.Z.I. xxxi. 238.
- Pycnocentria**, McLachlan, 1866.
funerea, McLachlan. Hutton, T.N.Z.I. xxxi. 238.
evecta, McLachlan. Hutton, T.N.Z.I. xxxi. 239.
aureola, McLachlan. Hutton, T.N.Z.I. xxxi. 239.

Family LEPTOCERIDÆ.

- Pseudonema**, McLachlan, 1862.
obsoleta, McLachlan. Hutton, T.N.Z.I. xxxi. 240.
amabilis, McLachlan. Hutton, T.N.Z.I. xxxi. 241.

- Notanatolica**, McLachlan, 1866.
cognata, McLachlan. Hutton, T.N.Z.I. xxxi. 241.
cephalota, Walker. Hutton, T.N.Z.I. xxxi. 242.
- Leptocerus**, Leach, 1815.
alienus, McLachlan (gen. dub.). Hutton, T.N.Z.I. xxxi. 242.
- Setodes**, Rambur, 1842.
unicolor, McLachlan. Hutton, T.N.Z.I. xxxi. 243.
- Philaniscus**, Walker, 1852.
plebejus, Walker. Hutton, T.N.Z.I. xxxi. 243.

Family HYDROPSYCHIDÆ.

- Hydropsyche**, Pictet, 1834.
fimbriata, McLachlan. Hutton, T.N.Z.I. xxxi. 244.
colonica, McLachlan. Hutton, T.N.Z.I. xxxi. 245.
- Polycentropus**, Curtis, 1835.
puerilis, McLachlan. Hutton, T.N.Z.I. xxxi. 245.
- Hydrobosis**, McLachlan, 1870.
frater, McLachlan. Hutton, T.N.Z.I. xxxi. 246.
umbripennis, McLachlan. Hutton, T.N.Z.I. xxxi. 246.
- Psilochorema**, McLachlan, 1866.
mimicum, McLachlan. Hutton, T.N.Z.I. xxxi. 247.
confusum, McLachlan. Hutton, T.N.Z.I. xxxi. 248.

Family HYDROPTILIDÆ.

- Oxyethra**, Eaton, 1873.
albiceps, McLachlan. Hutton, T.N.Z.I. xxxi. 249.

Series PLANIPENNIA.

Family SIALIDÆ.

- Chauliodes**, Latreille, 1805.
diversus, Walker. Hutton, T.N.Z.I. xxxi. 228.

Family MYRMELEONTIDÆ.

- Myrmeleon**, Linneus, 1748.
acutus, Walker. Hutton, T.N.Z.I. xxxi. 229.

Family HEMEROBIIDÆ.

- Stenosmylus**, McLachlan, 1867.
incisus, McLachlan. Hutton, T.N.Z.I. xxxi. 230.
citrinus, McLachlan. Hutton, T.N.Z.I. xxxi. 230.
latiusculus, McLachlan. Hutton, T.N.Z.I. xxxi. 231.
stellæ, McLachlan. Ent. Mon. Mag. 1899, 259.
- Drepanopteryx**, Leach, 1835.
instabilis, McLachlan. Hutton, T.N.Z.I. xxxi. 232.
humilis, McLachlan. Hutton, T.N.Z.I. xxxi. 232.

Micromus, Rambur, 1866.

tasmaniæ, Walker. Hutton, T.N.Z.I. xxxi. 233.

Series ODONATA.

Family LIBELLULIDÆ.

Sympetrum, Newman, 1855.

bipunctatum, *var. novæ-zealandiæ*, McLachlan.
Hutton, T.N.Z.I. xxxi. 221.

Family CORDULIIDÆ.

Somatochlora, Selys, 1878.

smithii, White. Hutton, T.N.Z.I. xxxi. 222.

grayi, Selys. Hutton, T.N.Z.I. xxxi. 222.

braueri, Selys. Hutton, T.N.Z.I. xxxi. 223.

Family ÆSCHNIDÆ.

Æschna, Fabricius, 1776.

brevistyla, Rambur. Hutton, T.N.Z.I. xxxi. 224.

Family GOMPHINIDÆ.

Uropetala, Selys, 1857.

carovei, White. Hutton, T.N.Z.I. xxxi. 224.

Family AGRIONIDÆ.

Lestes, Leach, 1817.

colenstonis, White. Hutton, T.N.Z.I. xxxi. 225.

Xanthagrion, Selys, 1876.

zealandicum, McLachlan. Hutton, T.N.Z.I. xxxi. 226.

antipodum, Selys. Hutton, T.N.Z.I. xxxi. 227.

sobrinum, McLachlan. Hutton, T.N.Z.I. xxxi. 227.

Series PSEUDO-NEUROPTERA.

Family TERMITIDÆ.

Calotermes, Hagen, 1853.

brouni, Froggart. Hutton, T.N.Z.I. xxxi. 209.

insularis, Walker. Hutton, T.N.Z.I. xxxi. 210.

Stolotermes, Hagen, 1858.

ruficeps, Brauer. Hutton, T.N.Z.I. xxxi. 210.

Family PROCIDÆ.

Myopsocus, Hagen, 1866.

novæ-zealandiæ, Kolbe. Hutton, T.N.Z.I. xxxi. 211.

Family PERLIDÆ.

Stenoperla, McLachlan, 1866.

prasina, Newman. Hutton, T.N.Z.I. xxxi. 212.

cyrene, Newman (gen. dub.). Hutton, T.N.Z.I. xxxi. 212.

Leptoperla, Newman, 1839.

opposita, Walker. Hutton, T.N.Z.I. xxxi. 213.

Family EPHEMERIDÆ.

Ichthybotus, Eaton, 1899.

hudsoni, McLachlan. Hutton, T.N.Z.I. xxxi. 214; Eaton, Trans. Ent. Soc. 1899, 285.

Atalophlebia, Eaton, 1881.

dentata, Eaton. Hutton, T.N.Z.I. xxxi. 215.

nodularis, Eaton. Hutton, T.N.Z.I. xxxi. 216; Lillie, T.N.Z.I. xxxi. 168.

scita, Walker. Hutton, T.N.Z.I. xxxi. 216; Lillie, T.N.Z.I. xxxi. 167.

versicolor, Eaton. T.E.S. 1899, 286.

Deleatidium, Eaton, 1899.

lillii, Eaton. T.E.S. 1899, 289.

Coloburiscus, Eaton, 1887.

humeralis, Walker. Hutton, T.N.Z.I. xxxi. 217.

Ameletus, Eaton, 1887.

ornatus, Eaton. Hutton, T.N.Z.I. xxxi. 217.

perscitus, Eaton. T.E.S. 1899, 291.

Oniscigaster, McLachlan, 1873.

wakefieldi, McLachlan. Hutton, T.N.Z.I. xxxi. 218.

intermedius, Eaton. T.E.S. 1899, 292.

distans, Eaton. T.E.S. 1899, 293.

Order ORTHOPTERA.

Series SALTATORIA.

Family GRYLLIDÆ.

Lissotrachelus, Brunner, 1893.

maoricus, Walker. Hutton, T.N.Z.I. xxxii. 19.

Family LOCUSTIDÆ.

Xiphidium, Serville, 1839.

semivittatum, Walker. Hutton, T.N.Z.I. xxx. 137.

Agræcia, Serville, 1839.

solida, Walker. Hutton, T.N.Z.I. xxx. 138.

Family STENOPELMATIDÆ.

Sub-family ANOSTOSTOMINÆ.

Deinacrida, White, 1842.

heteracantha, White. Hutton, T.N.Z.I. xxix. 212.

rugosa, Buller. Hutton, T.N.Z.I. xxix. 213.

Hemideina, Walker, 1869.

parva, Buller. Hutton, T.N.Z.I. xxxii. 20.

- Hemideina armiger**, Colenso. Hutton, T.N.Z.I. xxix. 217.
thoracica, Walker. Hutton, T.N.Z.I. xxix. 217; *H. pro-*
ducta, Walker.
megacephala, Buller. Hutton, T.N.Z.I. xxix. 215.
figurata, Walker. Hutton, T.N.Z.I. xxix. 216.
femorata, Hutton. T.N.Z.I. xxix. 218.
broughi, Buller. Hutton, T.N.Z.I. xxxii. 21.
maori, Pictet et Saussure. Hutton, T.N.Z.I. xxix. 219.

Onosandrus, Stål, 1876.

- pallitarsis**, Walker. Hutton, T.N.Z.I. xxix. 221.
focalis, Hutton. T.N.Z.I. xxix. 222.
maori, Pictet et Saussure. Hutton, T.N.Z.I. xxix. 223.
maculifrons, Walker. Hutton, T.N.Z.I. xxix. 223.
lanceolatus, Walker. Kirby MSS.

Sub-family DOLICHOPODINÆ.

Talitropsis, Bolivar, 1882.

- sedilotti**, Bolivar. Hutton, T.N.Z.I. xxix. 225.
irregularis, Hutton. T.N.Z.I. xxix. 227.

Grammaroparnops, Alfken, 1901.

- crassicruris**, Hutton. T.N.Z.I. xxix. 226.

Ischyroplectron, Hutton, 1897.

- isolatum**, Hutton. T.N.Z.I. xxix. 228.

Gymnoplectron, Hutton, 1897.

- longipes**, Colenso. Hutton, T.N.Z.I. xxix. 229.
stephensiensis, Alfken. Erge. Reise Pacific, 150.

Pachyrhamma, Brunner, 1888.

- fascifer**, Walker. *H. spelunca*, Colenso. Hutton, T.N.Z.I.
 xxix. 231.
altus, Walker. *P. novæ-seelandiæ*, Brunner. Hutton, l.c. 232.

Pleioplectron, Hutton, 1897.

- simplex**, Hutton. T.N.Z.I. xxix. 233.
pectinatum, Hutton. T.N.Z.I. xxix. 234.
hudsoni, Hutton. T.N.Z.I. xxix. 234.
edwardsi, Scudder. Hutton, T.N.Z.I. xxix. 240.
cavernæ, Hutton. T.N.Z.I. xxxii. 21.

Miotopus, Hutton, 1899.

- diversus**, Hutton. T.N.Z.I. xxxi. 41.

Neonetus, Brunner, 1888.

- variegatus**, Brunner. Hutton, T.N.Z.I. xxix. 236.
pilosus, Hutton. T.N.Z.I. xxix. 236.

Isoplectron, Hutton, 1897.

- armatum**, Hutton. T.N.Z.I. xxix. 237.
calcaratatum, Hutton. T.N.Z.I. xxix. 238.

- Pharmacus**, Pictet et Saussure, 1891.
montanus, Pictet et Saussure. Hutton, T.N.Z.I. xxix. 239.
- Macropathus**, Walker, 1870.
filifer, Hutton. T.N.Z.I. xxix. 239.

Family ACRIDIDÆ.

Sub-family ŒDIPODINÆ.

- Pachytylus**, Fieber, 1853.
cinerascens, Fabricius. Hutton, T.N.Z.I. xxx. 149.
migratoroides, Reich. Hutton, T.N.Z.I. xxx. 150.

Sub-family ACRIDINÆ.

- Phaulacridium**, Brunner, 1891.
marginale, Walker. Hutton, T.N.Z.I. xxx. 141.
luteum, Hutton. T.N.Z.I. xxx. 142.

- Paprides**, Hutton, 1898.
nitidus, Hutton. T.N.Z.I. xxx. 146.
australis, Hutton. T.N.Z.I. xxx. 147.
furcifer, Hutton. T.N.Z.I. xxxi. 46.
torquatus, Hutton. T.N.Z.I. xxxi. 47.
armillatus, Hutton. T.N.Z.I. xxxi. 47.

- Sigaüs**, Hutton, 1898.
piliferus, Hutton. T.N.Z.I. xxx. 140.

- Trigoniza**, Brunner, 1891.
campestris, Hutton. T.N.Z.I. xxx. 148.
directa, Hutton. T.N.Z.I. xxx. 148.
rugosa, Hutton. T.N.Z.I. xxx. 148.

- Brachaspis**, Hutton, 1899.
nivalis, Hutton (*Pezotettix*). T.N.Z.I. xxx. 144; xxxi. 49.
collinus, Hutton. T.N.Z.I. xxx. 144; xxxi. 49.
petricolus, Hutton. T.N.Z.I. xxx. 145; xxxi. 49.
terrestris, Hutton. T.N.Z.I. xxx. 145.

Series CURSORIA.

Family PHASMIDÆ.

Sub-family CLITUMNINÆ.

- Pachymorpha**, Gray, 1835.
hystriculea, Westwood. Hutton, T.N.Z.I. xxxi. 52.
salebrosa, Hutton. T.N.Z.I. xxxi. 52.
annulata, Hutton. T.N.Z.I. xxxi. 53.
acornuta, Hutton. T.N.Z.I. xxxi. 53.

- Clitarchus**, Stål, 1875.
hookeri, White. Hutton, T.N.Z.I. xxxi. 54.
coloreus, Colenso. Hutton, T.N.Z.I. xxxi. 55.

Clitarchus reductus, Hutton. T.N.Z.I. xxxi. 55.
læviusculus, Stål. Hutton, T.N.Z.I. xxxi. 56.

Acanthoderus, Gray, 1835.
prasinus, Westwood. Hutton, T.N.Z.I. xxxi. 56.
suteri, Hutton. T.N.Z.I. xxxi. 56.
geisovii, Kaup. Hutton, T.N.Z.I. xxxi. 57.
fasciatus, Hutton. T.N.Z.I. xxxi. 58.

Argosarchus, Hutton, 1898.
spiniger, White. Hutton, T.N.Z.I. xxxi. 59 = *B. horridus*,
 White, which was printed last.

Family BLATTIDÆ.
 Sub-family BLATTINÆ.

Blatta, Linnæus, 1766.
conjuncta, Walker. Hutton, Cat. Orth. N.Z. 71.

Sub-family PERIPLANETINÆ.

Polyzosteria, Burmeister, 1829.
novæ-zealandiæ, Brunner. Nov. Syst. Blatt. 218;
B. forticeps, Walker. Hutton, Cat. Orth. N.Z. 72.
Platyzosteria, Brunner, 1865.
undulivitta, Walker. Hutton, Cat. Orth. N.Z. 73.
brunni, Alfken. Erge. Reise Pacific, 1901, 142.

Family FORFICULIDÆ.

Anisolabis, Fieber, 1853.
littorea, White. Hutton, Cat. Orth. N.Z. 93; Kirby, J.L.S.
 xxiii. 517.

Order APTERA.
 Series COLLEMBOLA.
 Family LIPURIDÆ.

Lipura, Burmeister, 1838.
incerta, Moniez. Rev. Biol. Nord France, vi. 211 (1894).

Drepanura, Schott, 1893.
brachycephala, Moniez. Rev. Biol. Nord France, vi.
 208 (1894).

Anoura, Gervais, 1842.
spinosa, Lubbock. J.L.S. xxvii. 334; Dendy, T.N.Z.I.
 xxxiii. 97.

CLASS, MYRIAPODA.

Order DIPLOPODA.
 Family SPHÆROTHERIIDÆ.

Cyliosoma, Pocock, 1895.
de Lacyi, White. A.M.N.H. 3, iii. 406.

- Cyliosoma leiosoma**, Hutton. T.N.Z.I. x. 291.
novæ-zealandiæ, Kirk. T.N.Z.I. xviii. 139.
striolatum, Pocock. A.M.N.H. 6, xvi. 414 (1895).

Family JULIDÆ.

- Julus**, Linnæus, 1748.
berardi, Walckener. In Gervais' Aptères, iv. 333.
Spirostreptus, Brandt, 1833.
antipodarum, Newport. In Dieff. N.Z. ii. 270.
striatus, Hutton. T.N.Z.I. x. 290.

Family POLYDESMIDÆ.

- Polydesmus**, Latreille, 1802.
haastii, Humbert and Saussure. Verh. z. b. Ges. Wien. xix.
 683; Hutton, T.N.Z.I. x. 292.
serratus, Hutton. T.N.Z.I. x. 290.
worthingtoni, Hutton. T.N.Z.I. x. 290.
Strongylosoma, Brandt, 1833.
novaræ, Humbert and Saussure. Verh. z. b. Ges. Wien.
 xix. 689 (1869); Hutton, T.N.Z.I. x. 292.
macrocephala, Hutton. T.N.Z.I. x. 291.
Icosidesmus, Humbert and Saussure, 1869.
hochstetteri, Humbert and Saussure. Verh. z. b. Ges. Wien.
 xix. 890; Hutton, T.N.Z.I. x. 292.
Craspedosoma, Leach, 1818.
trisetosa, Hutton. T.N.Z.I. x. 291.
Serangodes, Attems, 1899.
strongylosomoides, Attems. Denk. Ak. Wien. lxxvii. 273.

Order CHILOPODA.

Family LITHOBIIDÆ.

- Lithobius**, Leach, 1812.
argus, Newport. T.L.S. xix. 369.
Henicops, Newport, 1845.
maculatus, Newport. T.L.S. xix. 372; Pocock, A.M.N.H.
 6, xi. 125.
impessus, Hutton. T.N.Z.I. x. 228.
Lamyctes, Meinert, 1868.
emarginatus, Newport. T.L.S. xix. 372; Pocock, A.M.N.H.
 7, viii. 449.

Family SCOLOPENDRIDÆ.

- Heterostoma**, Newport, 1845.
platycephala, Newport. T.L.S. xix. 415.

- Cosmocephalus**, Newport, 1845.
rubriceps, Newport. T.L.S. xix. 420.
pallipes, Newport. T.L.S. xix. 424.
purpureus, Pocock. A.M.N.H. 6, xi. 127; *C. violaceus*,
 Newport, not of Fabricius.
huttoni, Pocock. A.M.N.H. 6, xi. 128; *C. violaceus*,
 Hutton, not of Newport.
- Cryptops**, Leach, 1812.
australis, Newport. T.L.S. xix. 408.
setosus, Pocock. A.M.N.H. 6, viii. 157 (1891).

Family GEOPHILIDÆ.

- Geophilus**, Leach, 1812.
huttoni, Pocock. A.M.N.H. 6, viii. 223.
morbosus, Hutton. T.N.Z.I. x. 289 (*Himantarium*).
provocator, Pocock. A.M.N.H. 6, viii. 225.
- Necrophlœsophagus**, Newport, 1845.
antipodum, Pocock. A.M.N.H. 6, viii. 222, and 7, viii. 461.

Order SCHIZOTARSIA.

Family CERMATHIDÆ.

- Cermatia**, Rossi, 1807.
smithii, Newport. T.L.S. xix. 359, and A.M.N.H. 1, xiii. 96.

CLASS, ONYCHOPHORA.

Family PERIPATIDÆ.

- Peripatoides**, Pocock, 1895.
novæ-zealandiæ, Hutton. Sedgwick, Q.J.M.S. xxviii. 456;
 Sheldon, Q.J.M.S. xxviii. 202.
suteri, Dendy. T.N.Z.I. xxvii. 190.
- Oöperipatus**, Dendy, 1900.
viridimaculatus, Dendy. Zool. Anzeig, xxiii. 509; Q.J.M.S.
 45 n.s., 399.

CLASS, ARACHNIDA.

Order ARANEIDA.

Family THERAPHOSIDÆ.

- Migas**, Koch, 1873.
paradoxus, Koch. Arach. Aust. 467.
distinctus, Cambridge. P.Z.S. 1879, 683; Goyen, T.N.Z.I.
 xix. 210.
sandageri, Goyen. T.N.Z.I. xxiii. 123.

- Arbanitis**, Koch, 1875.
gilliesii, Cambridge. T.N.Z.I. x. 284 (*Nemesia*); Gillies,
 T.N.Z.I. x. 301.
huttoni, Cambridge. P.Z.S. 1879, 682; Goyen, T.N.Z.I.
 xxiv. 255.
kirki, Urquhart. T.N.Z.I. xxvi. 204.
- Maoriana**, Hogg, 1901.
dendyi, Hogg. P.Z.S. 1901, 237.
- Hexathele**, Ausserer, 1871.
hochstetteri, Ausserer. Koch's Arach. Aust. 459; Hogg,
 P.Z.S. 1901, 276.
petrici, Goyen. T.N.Z.I. xix. 207.
- Porrhothele**, Simon, 1892.
antipodiana, Walckenaer. Simon, Zool. Jahrb. Syst. xii.
 420 (*Macrothele*).
huttoni, Cambridge. T.N.Z.I. vi. 200.
insignipes, Simon. Zool. Jahrb. Syst. xii. 420.
simoni, Hogg. P.Z.S. 1901, 269.
- Cteniza**, Latreille, 1825.
antipodum, White. P.Z.S. 1849, 3 (gen. dub.).
hexops, White. P.Z.S. 1849, 3 (gen. dub.).

Family DYSDERIDÆ.

- Segestria**, Latreille, 1804.
suteri, Urquhart. T.N.Z.I. xxiv. 230.
- Oönops**, Templeton, 1830.
septem-cincta, Urquhart. T.N.Z.I. xxiii. 128.

Family DRASSIDÆ.

- Herpyllus**, Urquhart, 1887.
formicarius, Urquhart. T.N.Z.I. xix. 109.
- Drassus**, Walckenaer, 1805.
pretiosus, Koch. Arach. Aust. 385.
erebus, Koch. Arach. Aust. 387.
scitulus, Urquhart. T.N.Z.I. xxv. 165.
- Chiracanthium**, Koch, 1839.
stratioticum, Koch. Arach. Aust. 408.
- Clubiona**, Latreille, 1804.
cambridgei, Koch. Arach. Aust. 416.
peculiaris, Koch. Arach. Aust. 427.
viridicoma, Urquhart. T.N.Z.I. xxiv. 233.
chevronia, Urquhart. T.N.Z.I. xxiv. 231.
nitida, Urquhart. T.N.Z.I. xxv. 166.

Uliodon, Koch, 1875.

frenata, Koch. Arach. Aust. 440.

maritima, Cambridge. P.Z.S. 1883, 356 (*Amaurobioides*).

Family AGELENIDÆ.

Amaurobius, Koch, 1836.

longinquus, Koch. Arach. Aust. 336.

finschii, Koch. Arach. Aust. 339.

martius, Simon. Zool. Jahrb. Syst. xii. 421 (1899).

chathamensis, Simon. Zool. Jahrb. Syst. xii. 432 (1899).

Badumna, Thorell, 1890.

sub-fasciata, Simon. Zool. Jahrb. Syst. xii. 422.

Desis, Walckenaer, 1837.

marina, Hector. Cambridge, P.Z.S. 1879, 687; *Daindrigia dysderoides*, White, P.Z.S. 1849, 5.

Tegenaria, Walckenaer, 1805.

foliata, Koch. Arach. Aust. 356.

arboricola, Urquhart. T.N.Z.I. xxiii. 129.

livoris, Urquhart. T.N.Z.I. xxv. 167.

Cambridgea, Koch, 1872.

antipodiana, White. Simon, Zool. Jahrb. Syst. xii. 434;

C. fasciata, Koch, Cambridge, T.N.Z.I. vi. 202.

Amphicnecta, Simon, 1888.

decemmaculata, Simon.

Family THERIDIIDÆ.

Argyrodes, Simon, 1864.

lepida, Cambridge, P.Z.S. 1879, 688.

conus, Urquhart. T.N.Z.I. xvii. 40.

Ariamnes, Thorell, 1870.

coniferus, Urquhart. T.N.Z.I. xix. 96.

triangulatus, Urquhart. T.N.Z.I. xix. 97.

attenuatus, Urquhart. T.N.Z.I. xix. 98.

flavo-notatus, Urquhart. T.N.Z.I. xxiii. 136.

Mimetus, Hentz, 1851.

mendicus, Cambridge. P.Z.S. 1879, 697.

sennio, Urquhart. T.N.Z.I. xxiii. 137.

atri-cinctus, Urquhart. T.N.Z.I. xxiv. 234.

Theridion, Walckenaer, 1805.

veruculatum, Urquhart. T.N.Z.I. xviii. 188.

blatteus, Urquhart. T.N.Z.I. xviii. 190.

calyciferum, Urquhart. T.N.Z.I. xviii. 192.

cruciferum, Urquhart. T.N.Z.I. xviii. 193.

triloris, Urquhart. T.N.Z.I. xviii. 194.

- Theridion squalidæ**, Urquhart. T.N.Z.I. xviii. 195.
setiger, Urquhart. T.N.Z.I. xviii. 196.
zantholabis, Urquhart. T.N.Z.I. xviii. 197.
sericum, Urquhart. T.N.Z.I. xviii. 198; xxii. 258.
melanozanthum, Urquhart. T.N.Z.I. xix. 102.
tuberculatum, Urquhart. T.N.Z.I. xix. 104.
maculopes, Urquhart. T.N.Z.I. xix. 105.
viridanum, Urquhart. T.N.Z.I. xix. 106.
flabelliferum, Urquhart. T.N.Z.I. xix. 106.
venustulum, Urquhart. T.N.Z.I. xix. 107.
albo-guttatum, Urquhart. T.N.Z.I. xix. 108.
nigro-folium, Urquhart. T.N.Z.I. xx. 112.
helvolum, Urquhart. T.N.Z.I. xx. 113.
truncatum, Urquhart. T.N.Z.I. xx. 115.
exornatum, Urquhart. T.N.Z.I. xx. 115.
brunnea-folium, Urquhart. T.N.Z.I. xxi. 142.
niger-punctillum, Urquhart. T.N.Z.I. xxi. 143.
porphyreticum, Urquhart. T.N.Z.I. xxi. 144.
gracilipes, Urquhart. T.N.Z.I. xxi. 145.
zebrinia, Urquhart. T.N.Z.I. xxii. 256.
pusillulum, Urquhart. T.N.Z.I. xxii. 257.
pumilio, Urquhart. T.N.Z.I. xviii. 190.
punica-punctatum, Urquhart. T.N.Z.I. xxiii. 147.
apiatum, Urquhart. T.N.Z.I. xxiii. 148.
literatum, Urquhart. T.N.Z.I. xxiii. 150.
ampliatum, Urquhart. T.N.Z.I. xxiv. 237.
albobinctum, Urquhart. T.N.Z.I. xxiv. 236.
argentatum, Urquhart. T.N.Z.I. xxiv. 235.
gibbosum, Urquhart. T.N.Z.I. xxvi. 205.
- Erycina**, Urquhart, 1891.
violacea, Urquhart. T.N.Z.I. xxiii. 152.
- Latrodectus**, Walckenaer, 1805.
hasselti, Thorell. Koch, Arach. Aust. 276; *L. katipo*,
 Powell, T.N.Z.I. iii. 56; T.N.Z.I. xxviii. 755; Pickard,
 Cambridge, P.Z.S. 1902, i. 255.
var. atritus, Urquhart. T.N.Z.I. xxii. 259.
- Lithyphantes**, Thorell, 1869.
lepidus, Cambridge. P.Z.S. 1879, 690.
- Atkinsonia**, Cambridge, 1879.
nana, Cambridge. P.Z.S. 1879, 691.
- Phycosoma**, Cambridge, 1879.
cæcobioides, Cambridge. P.Z.S. 1879, 692.
- Linyphia**, Latreille, 1804.
subdola, Cambridge. P.Z.S. 1879, 693.

- Linyphia peramæna**, Cambridge. P.Z.S. 1879, 693.
melanopygia, Cambridge. P.Z.S. 1879, 693.
diloris, Urquhart. T.N.Z.I. xviii. 184.
trispatulata, Urquhart. T.N.Z.I. xviii. 186.
blatifer, Urquhart. T.N.Z.I. xix. 99.
rufoccephala, Urquhart. T.N.Z.I. xx. 109.
lagenifera, Urquhart. T.N.Z.I. xx. 111.
purpura-punctata, Urquhart. T.N.Z.I. xxi. 134.
nitidula, Urquhart. T.N.Z.I. xxi. 136.
rufo-lineata, Urquhart. T.N.Z.I. xxi. 137.
nemorals, Urquhart. T.N.Z.I. xxi. 140.
multicolor, Urquhart. T.N.Z.I. xxiii. 140.
cruenta, Urquhart. T.N.Z.I. xxxiii. 142.
albiapiata, Urquhart. T.N.Z.I. xxxiii. 143.
pellos, Urquhart. T.N.Z.I. xxxiii. 146.
mundenia, Urquhart. T.N.Z.I. xxvi. 207.
decolora, Urquhart. T.N.Z.I. xxvi. 208.
fucatinia, Urquhart. T.N.Z.I. xxvi. 209.

- Tekella**, Urquhart, 1895.
absidiata, Urquhart. T.N.Z.I. xxvi. 211.

- Erigone**, Savigny, 18—(?).
atriventer, Urquhart. T.N.Z.I. xix. 102.

- Stegosoma**, Cambridge, 1879.
quadratum, Cambridge. P.Z.S. 1879, 698.
lacunosum, Urquhart. T.N.Z.I. xxv. 169.

- Cornicularia**, Menge, 1869.
crinifrons, Urquhart. T.N.Z.I. xxiii. 155.

- Steatoda**, Sundevall, 1833.
nubilosa, Urquhart. T.N.Z.I. xxx. 168.
excussa, Urquhart. T.N.Z.I. xxx. 171.

Family ENYOIDÆ.

- Habronestes**, Koch, 1872.
marinus, Goyen. T.N.Z.I. xxii. 269.
celeripes, Urquhart. T.N.Z.I. xxiii. 132.
scitula, Urquhart. T.N.Z.I. xxiii. 135.

- Huttonia**, Cambridge, 1879.
palpaminoides, Cambridge. P.Z.S. 1879, 685.

Family TETRAGNATHIDÆ.

- Tetragnatha**, Latreille, 1804.
typica, Urquhart. T.N.Z.I. xxii. 251.
herbigrada, Urquhart. T.N.Z.I. xxii. 252.
arborea, Urquhart. T.N.Z.I. xxxiii. 172.
multi-punctata, Urquhart. T.N.Z.I. xxxiii. 176.

- Tetragnatha flavida**, Urquhart. T.N.Z.I. xxxiii. 177.
gulosa, Koch. Arach. Aust. 176.
- Orsinome**, Thorell, 1890.
australis, Simon. Zool. Jahrb. Syst. xii. 423.
- Deinagnatha**, White, 1846.
daindridgi, White. A.M.N.H. 1, xviii. 180.
- Ischalea**, Koch, 1871.
spinipes, Koch. Arach. Aust. 197.

Family EPEIRIDÆ.

- Argiope**, Saxigny, 18—(?).
syrmatica, Koch. Arach. Aust. 213.
- Epeira**, Walckenaer, 1805.
extuberata, Koch. Arach. Aust. 61.
crassa, Walck. Koch, Arach. Aust. 63.
undata, Koch. Arach. Aust. 73.
verrucosa, Walck. Koch, Arach. Aust. 112.
feredayi, Cambridge. Koch, Arach. Aust. 122.
brounii, Urquhart. T.N.Z.I. xvii. 32.
attenuata, Urquhart. T.N.Z.I. xvii. 33.
corrugata, Urquhart. T.N.Z.I. xix. 72.
pocillator, Urquhart. T.N.Z.I. xix. 74.
oblitera, Urquhart. T.N.Z.I. xix. 77.
trituberculata, Urquhart. T.N.Z.I. xix. 78, and xx. 120.
orientalis, Urquhart. T.N.Z.I. xix. 79, and xx. 121.
bi-albimacula, Urquhart. T.N.Z.I. xix. 81.
saxitalis, Urquhart. T.N.Z.I. xix. 82.
subcompta, Urquhart. T.N.Z.I. xix. 83.
viridata, Urquhart. T.N.Z.I. xix. 85.
discolora, Urquhart. T.N.Z.I. xix. 86.
veruta, Urquhart. T.N.Z.I. xix. 87.
var. veruina, Urquhart. T.N.Z.I. xix. 88.
var. hastata, Urquhart. T.N.Z.I. xix. 89.
var. lineola, Urquhart. T.N.Z.I. xix. 89.
linea-acuta, Urquhart. T.N.Z.I. xix. 90.
purpurea, Urquhart. T.N.Z.I. xix. 91.
viridicans, Urquhart. T.N.Z.I. xx. 116.
mulleola, Urquhart. T.N.Z.I. xx. 118.
helveo-guttata, Urquhart. T.N.Z.I. xx. 119.
tuberculata, Urquhart. T.N.Z.I. xx. 120.
dumicola, Urquhart. T.N.Z.I. xxi. 146.
flavo-maculata, Urquhart. T.N.Z.I. xxii. 239.
albo-stricta, Urquhart. T.N.Z.I. xxii. 240.
guttata, Urquhart. T.N.Z.I. xxii. 242.
ostri-brunnea, Urquhart. T.N.Z.I. xxii.

- Epeira albi-scuta**, Urquhart. T.N.Z.I. xxii. 244.
dubitabilis, Urquhart. T.N.Z.I. xxii. 246.
tri-notata, Urquhart. T.N.Z.I. xxii. 247.
var. olivinia, Urquhart. T.N.Z.I. xxii. 249.
atri-apiata, Urquhart. T.N.Z.I. xxiii. 156.
acinta, Urquhart. T.N.Z.I. xxiii. 158.
nigro-hastula, Urquhart. T.N.Z.I. xxiii. 159.
atri-hastula, Urquhart. T.N.Z.I. xxiii. 162.
albana, Urquhart. T.N.Z.I. xxiii. 163.
venustula, Urquhart. T.N.Z.I. xxiii. 165.
melania, Urquhart. T.N.Z.I. xxiii. 166.
similaris, Urquhart. T.N.Z.I. xxiii. 168.
lævigata, Urquhart. T.N.Z.I. xxiii. 171.
invisibilis, Urquhart. T.N.Z.I. xxiv. 239.
sublutia, Urquhart. T.N.Z.I. xxiv. 241.
simulata, Urquhart. T.N.Z.I. xxiv. 242.
ventriosa, Urquhart. T.N.Z.I. xxiv. 243.
leucisca, Urquhart. T.N.Z.I. xxiv. 245.
æstiva, Urquhart. T.N.Z.I. xxv. 174.
decorosa, Urquhart. T.N.Z.I. xxvi. 212.
powelli, Urquhart. T.N.Z.I. xxvi. 214.
pironginia, Urquhart. T.N.Z.I. xxvi. 215.
angusticlava, Urquhart. T.N.Z.I. xxv. 173.
viridana, Urquhart. T.N.Z.I. xxv. 175.
munda, Urquhart. T.N.Z.I. xxv. 177.
var. inversa, Urquhart. T.N.Z.I. xxv. 178.
albolineata, Urquhart. T.N.Z.I. xxv. 178.
blattea, Urquhart. T.N.Z.I. xxv. 179.

Nephila, Leach, 1815.

- argentata*, Urquhart. T.N.Z.I. xix. 92.

Arachnura, Vinson, 1863.

- longicauda*, Urquhart. T.N.Z.I. xvii. 39.
nigritia, Urquhart. T.N.Z.I. xvii. 37.
obtusa, Urquhart. T.N.Z.I. xvii. 37.
trilobata, Urquhart. T.N.Z.I. xvii. 37.

Family CELÆNIDÆ.

Celænia, Thorell, 1868.

- atkinsoni*, Cambridge. P.Z.S. 1879, 699 (*Thlaosoma*).
hectori, Cambridge. P.Z.S. 1879, 700 (*Thlaosoma*).
olivacea, Urquhart. T.N.Z.I. xvii. 39, and xix. 95.
penna, Urquhart. T.N.Z.I. xix. 94.
tuberosa, Urquhart. T.N.Z.I. xix. 149.

Family EPISINIDÆ.

Episinus, Walckenaer, 1809.

- antipodianus*, Cambridge. P.Z.S. 1879, 701.

Family THOMISIDÆ.

- Stephanopsis**, Cambridge, 1869.
angulatus, Urquhart. T.N.Z.I. xvii. 42, and xxii. 260.
angularis, Urquhart. T.N.Z.I. xvii. 43.
- Diæa**, Thorell, 1869.
albo-limbata, Koch. Arach. Aust. 588.
- Xysticus**, Koch, 1835.
albo-brunnea, Urquhart. T.N.Z.I. xxv. 184.

Family PHILODROMIDÆ.

- Philodromus**, Walckenaer, 1805.
ambarus, Urquhart. T.N.Z.I. xvii. 43, and xix. 112.
sphæriodes, Urquhart. T.N.Z.I. xvii. 44, and xix. 111.
ovatus, Urquhart. T.N.Z.I. xix. 113.
rubro-frontus, Urquhart. T.N.Z.I. xxiii. 179.
- Hemiclæa**, Thorell, 1870.
rogenhoferi, Koch. Arach. Aust. 637.
plautus, Urquhart. T.N.Z.I. xviii. 199, and xix. 110.

Family LYCOSIDÆ.

- Lycosa**, Latreille, 1804.
sænica, Koch. Arach. Aust. 915.
hilaris, Koch. Arach. Aust. 920 and 979.
umbrata, Koch. Arach. Aust. 921.
virgata, Goyen. T.N.Z.I. xix. 201.
canescens, Goyen. T.N.Z.I. xix. 203.
taylori, Goyen. T.N.Z.I. xix. 206.
ærescens, Goyen. T.N.Z.I. xix. 206.
uliginosa, Goyen. T.N.Z.I. xx. 136.
bellicosa, Goyen. T.N.Z.I. xx. 138.
proxima, Urquhart. T.N.Z.I. xviii. 201.
adumbrata, Urquhart. T.N.Z.I. xix. 114.
arenaria, Urquhart. T.N.Z.I. xxiii. 182.
maura, Urquhart. T.N.Z.I. xxiv. 246.
urquharti, Simon. Hist. Nat. Araignées, 2nd ed. ii. 30.
piratica, Clerck. Simon, Zool. Jahrb. 1899, 427 (introduced?).
schauinslandi, Simon. Zool. Jahrb. 1899, 428.
tremula, Simon. Zool. Jahrb. 1899, 429.
- Dolomedes**, Latreille, 1804.
imperiosus, Koch. Arach. Aust. 867.
lateralis, White. P.Z.S. 1849, 4.
sagittiger, White. P.Z.S. 1849, 4.
minor, Koch. Arach. Aust. 864.
schauinslandi, Simon. Zool. Jahrb. Syst. xii. 436.

Pardosa, Koch, 1848.

vicaria, Koch. Arach. Aust. 965.

Anoteropsis, Koch, 1878.

flavescens, Koch. Arach. Aust. 971.

Family CTENIDÆ.

Cycloctenus, Koch, 1879.

fugax, Goyen. T.N.Z.I. xxii. 267.

flaviceps, Koch. *C. lepidus*, Urquhart. T.N.Z.I. xxii. 261.

pulcher, Urquhart. T.N.Z.I. xxiii. 183.

Family OXYOPIDÆ.

Oxyopes, Latreille, 1804.

gregarius, Urquhart. T.N.Z.I. xvii. 51 (*Sphasus*).

Sphasus, Walckenaer, 1805.

gracilipes, White. P.Z.S. 1849, 4.

Læstrygones, Urquhart, 1892.

albiceres, Urquhart. T.N.Z.I. xxvi. 217.

Family ATTIDÆ.

Salticus, Latreille, 1804.

appressus, Powell. T.N.Z.I. v. 281.

atratus, Powell. T.N.Z.I. v. 283.

v-notatus, Powell. T.N.Z.I. v. 284.

fumosus, Powell. T.N.Z.I. v. 284.

mustilinus, Powell. T.N.Z.I. v. 285.

albo-barbatus, Powell. T.N.Z.I. v. 286.

Marpissa, Koch, 1847.

leucophæna, Urquhart. T.N.Z.I. xx. 121.

arenaria, Urquhart. T.N.Z.I. xx. 123.

æri-hirta, Urquhart. T.N.Z.I. xx. 124.

cineracea, Urquhart. T.N.Z.I. xxiii. 188.

armifera, Urquhart. T.N.Z.I. xxiv. 248.

nemoralis, Urquhart. T.N.Z.I. xxiv. 250.

Marptusa, Thorell, 1877.

cinerea, Koch. Arach. Aust. 1112.

leucocomus, Koch. Arach. Aust. 1096.

marina, Goyen. T.N.Z.I. xxiv. 253.

Ballus, Koch, 1850.

compactus, Urquhart. T.N.Z.I. xvii. 50.

Plexippus, Koch, 1847.

minax, Powell. T.N.Z.I. v. 282 (*Salticus*).

herbigradus, Urquhart. T.N.Z.I. xxi. 150.

capillatus, Urquhart. T.N.Z.I. xxii. 265.

silvarus, Urquhart. T.N.Z.I. xxiv. 252.

- Trite**, Simon, 1885.
planiceps, Simon. Zool. Jahrb. Syst. xii. 430.
binotata, Simon. Zool. Jahrb. Syst. xii. 431.
- Triænonyx**, Sorensen, 1886.
obesus, Simon. Zool. Jahrb. Syst. xii. 431.
- Attus**, Walckenaer, 1805.
abbreviatus, Walckenaer.
cookii, Walckenaer.
phrinoides, Walckenaer.
tabinus, Urquhart. T.N.Z.I. xvii. 46.
curvus, Urquhart. T.N.Z.I. xvii. 46.
furvus, Urquhart. T.N.Z.I. xvii. 47.
alpinus, Urquhart. T.N.Z.I. xvii. 48.
albo-palpis, Urquhart. T.N.Z.I. xvii. 49.
tenebricus, Urquhart. T.N.Z.I. xvii. 51.
auricomus, Urquhart. T.N.Z.I. xviii. 202.
zanthrofrontalis, Urquhart. T.N.Z.I. xviii. 203.
var. hirtus, Urquhart. T.N.Z.I. xviii. 204.
saxatilis, Urquhart. T.N.Z.I. xviii. 204.
aquilus, Urquhart. T.N.Z.I. xix. 115.
bimaculosus, Urquhart. T.N.Z.I. xix. 116.
subfuscus, Urquhart. T.N.Z.I. xix. 117.
pullus, Urquhart. T.N.Z.I. xxii. 263.
scindus, Urquhart. T.N.Z.I. xxii. 264.
montinus, Urquhart. T.N.Z.I. xxiii. 184.
monticola, Urquhart. T.N.Z.I. xxiii. 186.
valentulus, Urquhart. T.N.Z.I. xxiii. 187.
ravus, Urquhart. T.N.Z.I. xxv. 185.
suffusus, Urquhart. T.N.Z.I. xxv. 186.
kirkii, Urquhart. T.N.Z.I. xxv. 187.
tenebrosus, Urquhart. T.N.Z.I. xxv. 188.
adustus, Urquhart. T.N.Z.I. xxv. 189.

Order ACARINA.

Family IXODIDÆ.

- Ixodes**, Latreille, 1796.
eudypitidis, Maskell. T.N.Z.I. xvii. 19.
maskelli, Kirk. T.N.Z.I. xix. 65.
apteridis, Maskell. T.N.Z.I. xxix. 291.
aptericola, Maskell. T.N.Z.I. xxix. 292.
intermedius, Neumann. Mem. Soc. Zool. France, 1899. 132.
- Alloptes**, Canestrini, 1879.
mucronatus, Trouessart. Bull. Soc. Angers, 1899, 58.
- Faculifer**,
spinus, Trouessart. Bull. Soc. Angers, 1899, 17.

- Eupterolicus**, Canestrini and Kramer, 1899.
favetti, Trouessart. Bull. Soc. Angers, 1899, 6.
- Falciger**, Trouessart, 1884 and 1885.
spinus, Trouessart. Bull. Soc. Ent. France, 1895, 321.
- Pterolichus**, Robin, 1868.
favettei, Trouessart, Bull. Soc. Ent. France, 1898, 290.

Family HALACARIDÆ.

- Halacarus**, Gosse, 1855.
parvus, Chilton. T.N.Z.I. xv. 190.
truncipes, Chilton. T.N.Z.I. xv. 191.

Family HYDRACHNIDÆ.

- Eylais**, Latreille, 1796.
 Koenike, Zool. Jahrb. xiii. 125 (1900).

Family GAMASIDÆ.

- Uropoda**, Latreille, 1806.
vegetans, De Geer. Maskell, T.N.Z.I. xxv. 201; Smith,
 T.N.Z.I. xxxiv. 199.

- Leiosoma**, Nicolet, 1855.
longipilis, Moniez. Smith, T.N.Z.I. xxviii. 470.

Order PEDIPALPIDA.

Family PHALANGIDÆ.

- Dasylobus**, Simon, 1879.
australis, Simon. Zool. Jahrb. Syst. xii. 437.

Family PHRYNIDÆ.

- Phrynus**, Latreille, 1802.
listeri, White. P.Z.S. 1849, 6.
cheliferoides, Colenso. T.N.Z.I. xv. 166.

Order PSEUDOSCORPIONIDA.

Family CHERNETIDÆ.

- Chelifer**, Geoffroy, 1764.
pallipes, White. P.Z.S. 1849, 6.

Order PYCNOGONIDA.

Family NYMPHONIDÆ.

Sub-family NYMPHONINÆ.

- Nymphon**, Fabricius, 1837.
compactum, Hoek. Thomson, T.N.Z.I. xvi. 243
longicoxa, Hoek. Thomson, T.N.Z.I. xvi. 243.

Sub-family COLOSSENDEINÆ.

- Ammothea**, Leach, 1814.
dohrni, Thomson. T.N.Z.I. xvi. 243.
magnicipes, Thomson. T.N.Z.I. xvi. 245.
Oorhynchus, Hoek, 1881.
aucklandiæ, Hoek. Thomson, T.N.Z.I. xvi. 245.

Sub-family PALLENINÆ.

- Pallene**, Johnston, 1837.
novæ-zealandiæ, Thomson. T.N.Z.I. xvi. 246.
Phoxichilidium, Johnston, 1839.
obliquum, Thomson. T.N.Z.I. xvi. 247.

Order TARDIGRADA.

This order is represented in New Zealand, but no species have as yet been described.

CLASS, CRUSTACEA.

Sub-class MALACOSTRACA.

Order DECAPODA.

Sub-order BRACHYURA.

Section MAIOIDEA.

Family INACHIDÆ.

- Stenorhynchus**, Lamarck, 1818.
fissifrons, Haswell. P.L.S. N.S.W. iii. 409 and 432.
Trichoplatus, A. Milne-Edwards, 1876.
huttoni, A. Milne-Edwards. Miss. de l'Île Campbell, 352.
 = *Halimus hectori*, Miers. Cat. N.Z. Crust. 4.
Halimus, Latreille, 1825.
rubiginosus, Kirk. T.N.Z.I. xiii. 236.

Family MAIIDÆ.

- Paramithrax**, Milne-Edwards, 1834.
peronii, Milne-Edwards. Cat. N.Z. Crust. 5.
latreilli, Miers = *C. barbicornis*, Miers. Cat. N.Z. Crust. 6 =
C. cristatus, Filhol. Miss. de l'Île Campbell, 358.
sternocostulatus, A. Milne-Edwards = *P. gaimardii*, Miers.
 Cat. N.Z. Crust. 6; Cat. Austral. Crust. 13.
minor, Filhol. Miss. de l'Île Campbell, 356.
longipes, G. M. Thomson. A.M.N.H. 7, x. 361.
Leptomithrax, Miers, 1876.
australis, Jacquinot and Lucas. Cat. N.Z. Crust. 7.
longimanus, Miers. Cat. N.Z. Crust. 8.

Acantophrys, A. Milne-Edwards, 1876.

filholi, A. Milne-Edwards. Miss. de l'Ile Campbell, 365.

Micippa, Leach, 1817.

spinosa, Stimpson. Cat. N.Z. Crust. 9.

Family PERICERIDÆ.

Prionorhynchus, Jacquinet and Lucas, 1853.

edwardsii, Jacquinet and Lucas. Cat. N.Z. Crust. 11; Miss. de l'Ile Campbell, 367.

Family PARTHENOPIDÆ.

Eurynolambrus, Milne-Edwards and Lucas, 1841.

australis, Milne-Edwards and Lucas, Cat. N.Z. Crust. 12.

Section CANCROIDEA.

Family CANCRIDÆ.

Cancer, Linnæus, 1766.

novæ-zealandiæ, Jacquinet and Lucas. Cat. N.Z. Crust. 14.

Heterozius, A. Milne-Edwards, 1867.

rotundifrons, A. Milne-Edwards. Cat. N.Z. Crust. 15.

Xantho, Leach, 1815.

spinotuberculata, Lock. T.N.Z.I. xi. 396.

Leptodius, A. Milne-Edwards, 1860.

nudipes, Dana. Cat. N.Z. Crust. 17; Miss. de l'Ile Campbell, 374.

eudorus, Herbst. Cat. N.Z. Crust. 17; Miss. de l'Ile Campbell, 374.

Pilumnus, Leach, 1815.

vespertilio, Fabricius. Cat. N.Z. Crust. 19.

tomentosus, Latreille. Cat. N.Z. Crust. 20.

novæ-zealandiæ, Filhol. Miss. de l'Ile Campbell, 375.

spinosus, Filhol. Miss. de l'Ile Campbell, 377.

Pilumnopeus, A. Milne-Edwards, 1867.

serratifrons, Kinahan. Cat. N.Z. Crust. 20; Miss. de l'Ile Campbell, 378.

Ozius, A. Milne-Edwards, 1834.

truncatus, A. Milne-Edwards. Cat. N.Z. Crust. 21.

Panopeus, A. Milne-Edwards, 1834.

otagoensis, Filhol. Miss. de l'Ile Campbell, 379.

Ruppellioides, A. Milne-Edwards, 1867.

convexus, A. Milne-Edwards. Cat. N.Z. Crust. 23; Miss. de l'Ile Campbell, 381.

Family PORTUNIDÆ.

- Portunus**, Fabricius, 1798.
pusillus, Leach. T.N.Z.I. xi. 402.
- Neptunus**, de Haan, 1833.
sayi, A. Milne-Edwards. Cat. N.Z. Crust. 24.
pelagicus, Linnæus. Cat. N.Z. Crust. 25.
- Thalamita**, Latreille, 1829.
sima, A. Milne-Edwards. Cat. N.Z. Crust. 28.
- Nectocarcinus**, A. Milne-Edwards, 1860.
integrifrons, Latreille. Cat. N.Z. Crust. 30.
antarcticus, Jacquinot and Lucas. Cat. N.Z. Crust. 30.
- Platyonichus**, Latreille, 1825.
bipustulatus, A. Milne-Edwards. Cat. N.Z. Crust. 32.
ocellatus, Herbst. T.N.Z.I. ix. 473; Miss. de l'Île Campbell, 383.

Section OCYPODIIDÆ.

Family OCYPODIDÆ.

- Ommatocarcinus**, White, 1852.
huttoni, Filhol. Miss. de l'Île Campbell, 384.
macgillivrayi, White. Miss. de l'Île Campbell, 385; Challenger Reports, xvii. 247.
- Macrophthalmus**, Latreille, 1829.
hirtipes, Jacquinot and Lucas = *Cleistostoma?* *hirtipes*. Voy. au Pole Sud. Crust. 68; A.M.N.H. 7, x. 462.
- Hemiplax**, Heller, 1865.
hirtipes, Heller. Cat. N.Z. Crust. 34; Challenger Reports, xvii. 251.
- Gelasimus**, Latreille, 1880.
thomsoni, Kirk. T.N.Z.I. xiii. 237.
huttoni, Filhol. Miss. de l'Île Campbell, 386.
- Helœcius**, Dana, 1852.
cordiformis, A. Milne-Edwards. Cat. N.Z. Crust. 35.

Family GRAPSIDÆ.

- Grapsus**, Lamarck, 1801.
pictus, Latreille, Cat. N.Z. Crust. 36; Miss. de l'Île Campbell, 387.
- Leptograpsus**, Milne-Edwards, 1853.
variegatus, Fabricius. Cat. N.Z. Crust. 36; Challenger Reports, xvii. 257.
- Heterograpsus**, Lucas, 1849.
sexdentatus, Milne-Edwards. Cat. N.Z. Crust. 37.

- Heterograpsus crenulatus**, Milne-Edwards. Cat. N.Z. Crust. 38.
maculatus, Milne-Edwards. Cat. N.Z. Crust. 39; Miss. de l'Île Campbell, 389.
- Nautilograpsus**, A. Milne-Edwards, 1837. (= *Planes*, Leach.)
minutus, Linnæus. Cat. N.Z. Crust. 39; Challenger Reports, xvii. 254.
- Cyclograpsus**, Milne-Edwards, 1837.
lavauxi, Milne-Edwards. Cat. N.Z. Crust. 41.
- Chasmagnathus**, de Haan, 1835.
subquadratus, Dana. Cat. N.Z. Crust. 42.
lævis, Dana. Cat. N.Z. Crust. 42.
- Helice**, de Haan, 1835.
crassa, Dana. Cat. N.Z. Crust. 43.
lucasi, A. Milne-Edwards. Cat. N.Z. Crust. 44; Miss. de l'Île Campbell, 391.
- Sesarma**, Say, 1817.
pentagona, Hutton. T.N.Z.I. vii. 279.
- Plagusia**, Latreille, 1806.
chabrus, Linnæus. Cat. N.Z. Crust. 45; Miss. de l'Île Campbell, 393.
- Leiolophus**, Miers, 1876.
planissimus, Herbst. Cat. N.Z. Crust. 46; Miss. de l'Île Campbell, 394.

Family PINNOTHERIDÆ.

- Pinnotheres**, Latreille, 1803.
pisum, Linnæus. Cat. N.Z. Crust. 48.
novæ-zealandiæ, Filhol. Miss. de l'Île Campbell, 395.
- Halicarcinus**, White, 1846.
planatus, Fabricius. Cat. N.Z. Crust. 49; Challenger Reports, xvii. 281; P.Z.S. 1900, 524.
tridentatus, Jacquinet and Lucas. Miss. de l'Île Campbell, 396.
huttoni, Filhol. Miss. de l'Île Campbell, 398.
- Hymenicus**, Dana, 1852.
varius, Dana. Cat. N.Z. Crust. 50.
pubescens, Dana. Cat. N.Z. Crust. 51.
depressus, Jacquinet and Lucas. Cat. N.Z. Crust. 51.
edwardsii, Filhol. Miss. de l'Île Campbell, 400.
cooki, Filhol. Miss. de l'Île Campbell, 401.
haasti, Filhol. Miss. de l'Île Campbell, 402.
marmoratus, Chilton. T.N.Z.I. xiv. 172.

- Hymenosoma**, Leach, 1825.
lacustris, Chilton. T.N.Z.I. xv. 69; Fulton and Grant,
 Proc. R.S. Vict. xv. (New Series), 59.
- Elamena**, Milne-Edwards, 1837.
quoyi, Milne-Edwards. Cat. N.Z. Crust. 52; Miss. de l'Ile
 Campbell, 403.
whitei, Miers. Cat. N.Z. Crust. 52; Miss. de l'Ile Campbell,
 403.
longirostris, Filhol. Miss. de l'Ile Campbell, 403.
kirki, Filhol. Miss. de l'Ile Campbell, 405.
producta, Kirk. T.N.Z.I. xi. 395; Miss. de l'Ile Campbell,
 404.

Section LEUCOSIIDEA.

Family LEUCOSIIDÆ.

- Ebalia**, Leach, 1817. (= *Phlyxia*, Bell.)
lævis, Bell. Cat. N.Z. Crust. 56; Challenger Reports, xvii.
 306.
cheesemani, Filhol. Miss. de l'Ile Campbell, 407.
tumefacta, Kirk. T.N.Z.I. xi. 395.
tuberculosa, A. Milne-Edwards. Challenger Reports, xvii.
 306.

Sub-order ANOMURA.

Group DROMIDEA.

Family DROMIDÆ.

- Cryptodromia**, Stimpson, 1858.
lateralis, Gray. T.N.Z.I. xxxi. 170.

Group PAGURIDEA.

Family PAGURIDÆ.

- Clibanarius**, Dana, 1851.
cruentatus, Milne-Edwards. T.N.Z.I. xxxi. 172.
barbatus, Heller. T.N.Z.I. xxxi. 172.

- Eupagurus**, Brandt, 1851.
novæ-zealandiæ, Dana. T.N.Z.I. xxxi. 173.
kirki, Filhol. T.N.Z.I. xxxi. 175.
cookii, Filhol. T.N.Z.I. xxxi. 176.
hectori, Filhol. T.N.Z.I. xxxi. 177.
lacertosus, Henderson. T.N.Z.I. xxxi. 178.
traversi, Filhol. T.N.Z.I. xxxi. 179.
stewarti, Filhol. T.N.Z.I. xxxi. 180.
rubricatus, Henderson. T.N.Z.I. xxxi. 180.
spinulimanus, Miers. T.N.Z.I. xxxi. 181.
edwardsi, Filhol. T.N.Z.I. xxxi. 182.
campbelli, Filhol. T.N.Z.I. xxxi. 183.
thomsoni, Filhol. T.N.Z.I. xxxi. 183.
cristatus, Milne-Edwards. T.N.Z.I. xxxi. 184.

- Aniculus**, Dana, 1851.
typicus, Dana. T.N.Z.I. xxxi. 184.
- Stratiotes**, Thomson, 1897.
setosus, Filhol. T.N.Z.I. xxxi. 185.
- Paguristes**, Dana, 1851.
pilosus, A. Milne-Edwards. T.N.Z.I. xxxi. 187.
subpilosus, Henderson. Challenger Reports, xxvii. 77 ;
 T.N.Z.I. xxxi. 187.

Family PARAPAGURIDÆ.

- Parapagurus**, S. J. Smith, 1879.
latimanus, Henderson. Challenger Reports, xxvii. 91 ;
 T.N.Z.I. xxxi. 187.
- Pagurodes**, Henderson, 1888.
inarmatus, Henderson. Challenger Reports, xxvii. 94 ;
 T.N.Z.I. xxxi. 187.

Genus incertæ sedis.

- Porcellanopagurus**, Filhol, 1885.
edwardsi, Filhol. T.N.Z.I. xxxi. 187.

Group GALATHEIDÆ.

Family PORCELLANIDÆ.

- Petrolisthes**, Stimpson, 1858.
elongatus, Milne-Edwards. T.N.Z.I. xxxi. 189.
novæ-zealandiæ, Filhol. T.N.Z.I. xxxi. 190.
- Petrocheles**, Miers, 1876.
spinus, Miers. T.N.Z.I. xxxi. 191.
- Porcellana**, Lamarck, 1801.
rupicola, Stimpson. T.N.Z.I. xi. 396.

Family GALATHEIDÆ.

- Galathea**, Fabricius, 1793.
pusilla, Henderson. T.N.Z.I. xxxi. 193.
- Munida**, Leach, 1820.
subrugosa, Henderson. Challenger Reports, xxvii. 124 ;
 T.N.Z.I. xxxi. 194.
gracilis, Henderson. T.N.Z.I. xxxi. 196.
microphthalma, A. Milne-Edwards. T.N.Z.I. xxxi. 196.
- Elasmonotus**, A. Milne-Edwards, 1880.
marginatus, Henderson. T.N.Z.I. xxxi. 196.
- Uroptychus**, Henderson, 1888.
spinimarginatus, Henderson. T.N.Z.I. xxxi. 196.
politus, Henderson. T.N.Z.I. xxxi. 196.
australis, Henderson. T.N.Z.I. xxxi. 197.

Sub-order MACRURA.

Division TRICHOBRANCHIATA.

Group ABERRANTIA.

Family CALLIANASSIDÆ.

Callianassa, Leach, 1814.

sp. indef, Kirk. T.N.Z.I. 401.

filholi, A. Milne-Edwards. Mission de l'Ile Campbell, 429.**Upogebia**, Leach, 1814 = *Gebia*, Leach.**danai**, Miers. Cat. N.Z. Crust. 70; *G. hirtifrons*, Kirk, T.N.Z.I. xi. 401.

Family AXIIDÆ.

Eiconaxius, Spence Bate, 1888.**kermadeci**, Spence Bate. Challenger Reports, xxiv. 43.**parvus**, Spence Bate. Challenger Reports, xxiv. 44.

Group NORMALIA.

Tribe SYNAXIDEA.

Family SCYLLARIDÆ.

Ibacus, Leach, 1815.**alticrenatus**, Spence Bate. Challenger Reports, xxiv. 63.

Family PALINURIDÆ.

Jasus, T. J. Parker, 1883 = *Palinostylus*, Spence Bate.**edwardsi**, Hutton. T.N.Z.I. vii. 279; Parker, T.N.Z.I. xvi. 297, and xix. 150.**lalandii**, M. Edwards. Cat. N.Z. Crust. 74; Parker, T.N.Z.I. xvi. 297, and xix. 150.**hugelii**, Heller. Cat. Aust. Crust. 172 = *Palinurus tumidus*, Kirk, T.N.Z.I. xii. 314.

Tribe ASTACIDEA.

Family ERYONTIDÆ.

Polycheles, Heller, 1862.**helleri**, Spence Bate. Challenger Reports, xxiv. 138.**Pentacheles**, Spence Bate, 1878. **euthrix**, Willemoes-Suhm. Challenger Reports, xxiv. 149.

Family NEPHROPSIDÆ.

Nephrops, Leach, 1816.**thomsoni**, Spence Bate. Challenger Reports, xxiv. 185.

Family PARASTACIDÆ.

Paranephrops, White, 1842.**planifrons**, White. Chilton, T.N.Z.I. xxxii. 14.**zealandicus**, White. Chilton, T.N.Z.I. xxxii. 15.**setosus**, Hutton. Chilton, T.N.Z.I. xxxii. 16.

Division DENDROBRANCHIATA.

Family PENÆIDÆ.

? *Philonicus*, Spence Bate, 1888.

? *lucasii*, Spence Bate. Ann. Mag. Nat. Hist. 5, viii. 185;
Challenger Reports, xxiv. 277.

Haliporus, Spence Bate, 1881.

obliquirostris, Spence Bate. Challenger Reports, xxiv. 286.

Hemipenæus, Spence Bate, 1881.

semidentatus, Spence Bate. Challenger Reports, xxiv. 305.

Benthesicymus, Spence Bate, 1881.

brasiliensis, Spence Bate. Challenger Reports, xxiv. 332.

iridescens, Spence Bate. Challenger Reports, xxiv. 335.

altus, Spence Bate. Challenger Reports, xxiv. 336.

Family SERGESTIDÆ.

Sergestes, Milne-Edwards, 1830.

kröyeri, Spence Bate. Challenger Reports, xxiv. 388.

? *parvidens*, Spence Bate. Challenger Reports, xxiv. 409.

Division PHYLLOBRANCHIATA.

Tribe CRANGONIDEA.

Family CRANGONIDÆ.

Pontophilus, Leach, 1817.

australis, Hutton. T.N.Z.I. xi. 231; T.L.S. 2, viii. 434.

gracilis, Spence Bate. Challenger Reports, xxiv. 487.

Tribe POLYCARPIDEA.

Family NIKIDÆ.

Glyphocrangon, A. Milne-Edwards, 1884.

regalis, Spence Bate. Challenger Reports, xxiv. 517.

Family ALPHEIDÆ.

Alpheus, Fabricius, 1778.

socialis, Heller. Voy. Novara, Crust. pl. 106; Cat. N.Z.
Crust. 82; T.L.S. 2, viii. 436.

novæ-zealandiæ, Miers. Cat. N.Z. Crust. 82.

halesii, Kirk. T.N.Z.I. xix. 194.

Betæus, Dana, 1852.

æquimanus, Dana. Cat. N.Z. Crust. 83; T.L.S. 2, viii. 438.

Family HIPPOLYTIIDÆ.

Alope, White, 1848.

palpalis, White. Cat. N.Z. Crust. 84; T.L.S. 2, viii. 440.

Hippolyte, Leach, 1815.

bifidirostris, Miers. Cat. N.Z. Crust. 81 (*Virbius*); T.L.S.
2, viii. 443.

Merhippolyte, Spence Bate, 1888.
spinifrons, Milne-Edwards. Cat. N.Z. Crust. 80 (*Hippolyte*);
 T.L.S. 2, viii. 444.

Nauticaris, Spence Bate, 1888.
stewarti, G. M. Thomson. T.N.Z.I. xxi. 259 (*Hippolyte*);
 T.L.S. 2, viii. 445.

Family PANDALIDÆ.

Plesionika, Spence Bate, 1888.
semilævis, Spence Bate. Challenger Reports, xxiv. 644.

Pandalus, Leach, 1817.
magnoculus, Spence Bate. Challenger Reports, xxiv. 667.

Tribe MONOCARPIDEA.

Family ATYIDÆ.

Xiphocaris, v. Martens, 1872.
curvirostris, Heller. Cat. N.Z. Crust. 78 (*Caridina*); T.L.S.
 2, viii. 447.

Family PALEMONIDÆ.

Acanthephyra, A. Milne-Edwards, 1881.
sica, Spence Bate. Challenger Reports, xxiv. 739.
brachytelsonis, Spence Bate. Challenger Reports, xxiv.
 753.

Palæmon, Fabricius, 1798.
affinis, A. Milne-Edwards. Cat. N.Z. Crust. 85.
natator, A. Milne-Edwards. Cat. N.Z. Crust. 86.

Bithynis, Philippi, 1860.
ornatus, Olivier. Cat. N.Z. Crust. 87.

Brachycarpus, Spence Bate, 1888.
audouini, Spence Bate. Challenger Reports, xxiv. 798.

Nematocarcinus, A. Milne-Edwards, 1884.
undulatifipes, Spence Bate. Challenger Reports, xxiv. 801.
gracilis, Spence Bate. Challenger Reports, xxiv. 815.
serratus, Spence Bate. Challenger Reports, xxiv. 819.
hiatus, Spence Bate. Challenger Reports, xxiv. 821.

Family STYLODACTYLIDÆ.

Stylodactylus, A. Milne-Edwards, 1883.
discissipes, Spence Bate. Challenger Reports, xxiv. 851.
orientalis, Spence Bate. Challenger Reports, xxiv. 854.

Order SCHIZOPODA.

Family EUPHAUSIDÆ.

Nyctiphanes, Sars, 1883.
australis, Sars. Thomson, J.L.S. Zool. xxvii. 485.

Family MYSIDÆ.

Siriella, Dana, 1850.*denticulata* (Thomson). J.L.S. Zool. xxvii. 482.**Tenagomysis**, Thomson, 1900.*novæ-zealandiæ*, Thomson. J.L.S. Zool. xxvii. 484.

Order STOMATOPODA.

Family SQUILLIDÆ.

Squilla, Fabricius, 1793.*nepa*, Latreille. Chilton, T.N.Z.I. xxiii. 60.*armata*, A. Milne-Edwards. Chilton, T.N.Z.I. xxiii. 60.**Protosquilla**, Brooks, 1886.*trispinosa*, White. Chilton, T.N.Z.I. xxiii. 61.**Lysiosquilla**, Latreille, 1825.*spinosa*, Wood-Mason. Chilton, T.N.Z.I. xxiii. 61

Order CUMACEA.

Family CUMIDÆ.

Cyclaspis, Sars, 1864.*lævis*, G. M. Thomson. J.L.S. Zool. xxiv. 264.

Family DIASTYLIDÆ.

Diastylis, Say, 1818.*neo-zealanica*, G. M. Thomson. J.L.S. Zool. xxiv. 268.

Order EDRIOPHTHALMATA.

Sub-order AMPHIPODA.

Tribe HYPERIDEA.

Family VIBILIDÆ.

Vibilia, A. Milne-Edwards, 1830.*propinqua*, Stebbing. Challenger Reports, xxix. 1279 ;

Chilton, T.N.Z.I. xxiv. 261.

Family CYSTISOMIDÆ.

Cystisoma, Guérin-Ménéville, 1842.*spinorum* (Fabricius). Stebbing, Challenger Reports, xxix.

1331.

Family PHRONIMIDÆ.

Phronima, Latreille, 1803.*novæ-zealandiæ*, Powell. T.N.Z.I. vii. 294 ; Stebbing,

Challenger Reports, xxix. 1356.

Family HYPERIDÆ.

Euthemisto, Bovallius, 1887.*thomsoni*. Stebbing (= *Themisto antarctica*, Thomson); Chal-
lenger Reports, xxix. 1414 ; Chilton T.N.Z.I. xxiv. 263.

Family PHROSINIDÆ.

- Anchylomera**, Milne-Edwards, 1830.
blossevillei, Milne-Edwards. Stebbing, Challenger Reports,
 xxix. 1433.
- Primno**, Guérin-Méneville, 1836.
latreillei, Stebbing. Challenger Reports, xxix. 1445.

Family TYPHIDÆ.

- Platyscelus**, Spence Bate, 1861.
intermedius, G. M. Thomson. T.N.Z.I. xi. 244; Stebbing,
 Challenger Reports, xxix. 1464.

Family PRONOIDÆ.

- Parapronoë**, Claus, 1879.
clausoides, Stebbing. Challenger Reports, xxix. 1529.

Family TRYPHANIDÆ.

- Brachyscelus**, Spence Bate, 1861.
crusculum, Spence Bate. Stebbing, Challenger Reports,
 1547.

Family OXYCEPHALIDÆ.

- Oxycephalus**, Milne-Edwards, 1830.
edwardsii, G. M. Thomson. T.N.Z.I. xvi. 238; Stebbing,
 Challenger Reports, xxix. 1585.

Tribe GAMMARIDEA.

Family ORCHESTIDÆ.

- Orchestia**, Leach, 1813.
gammarellus, Pallas. Thomson, T.N.Z.I. xxxi. 199.
chiliensis, Milne-Edwards. Thomson, T.N.Z.I. xxxi. 199.
telluris, Spence Bate. Thomson, T.N.Z.I. xxxi. 200.
aucklandiæ, Spence Bate. Thomson, T.N.Z.I. xxxi. 201.
quoyana, A. Milne-Edwards. Thomson, T.N.Z.I. xxxi. 202.
tumida, Thomson. T.N.Z.I. xxxi. 203.
sylvicola, Dana. Thomson, T.N.Z.I. xxxi. 203.
- Hyale**, Rathke, 1837.
prevostii, Milne-Edwards. Thomson, T.N.Z.I. xxxi. 204.
pontica, Rathke. Thomson, T.N.Z.I. xxxi. 205.
lubbockiana, Spence Bate. Thomson, T.N.Z.I. xxxi. 206.
chiltoni, G. M. Thomson. T.N.Z.I. xxxi. 206.

Chiltonia, Stebbing, 1899.

- mihiwaka*, Chilton. Stebbing, T. Linn. Soc. Zool. vii. 408:
Hyalella mihiwaka, Thomson, T.N.Z.I. xxxi. 207.

Ceina, Della Valle, 1893.

- egregia*, Chilton. Thomson, T.N.Z.I. xxxi. 207.

Family LYSIANASSIDÆ.

- Anonyx**, Kröyer, 1838.
exiguus, Stimpson. G. M. Thomson, T.N.Z.I. xiv. 232.
- Lysianax**, Stebbing, 1888 (substitute for *Lysianassa*, Milne-Edwards, pre-occupied).
kröyeri, Spence Bate. G. M. Thomson, T.N.Z.I. xi. 237.
- Amaryllis**, Haswell, 1880.
macrophthalmus, Haswell. Thomson, A.M.N.H. 7, x. 463.
- Andaniotes**, Stebbing, 1897.
corpulentus, Thomson. Stebbing, T. Linn. Soc. Zool. vii. 31.
- Cyproidia**, Haswell, 1880.
otakensis, Chilton. A.M.N.H. 7, v. 241.
- Tetradeion**, Stebbing, 1899.
crassa, Chilton. Stebbing, A.M.N.H. 7, iv. 207; *Cyproidia* ?*crassa*, Chilton, T.N.Z.I. xv. 80.

Family LEUCOTHOIDÆ.

- Leucothoë**, Leach, 1813.
trilii, Thomson. T.N.Z.I. xiv. 234.
tridens, Stebbing. Challenger Reports, xxix. 777.
- Seba**, Spence Bate, 1862.
saundersii, Stebbing. Chilton, T.N.Z.I. xxiv. 260.

Family PONTOPOREIIDÆ.

- Phoxocephalus**, Stebbing, 1888.
bassi, Stebbing. Thomson, A.M.N.H.
- Parharpinia**, Stebbing, 1899.
villosus, Haswell. Stebbing, A.M.N.H. 7, iv. 207; *Phoxus* *batei*, G. M. Thomson, T.N.Z.I. xiv. 232.
- Platyschnopus**, Stebbing, 1888.
neo-zelanicus, Chilton. A.M.N.H. 6, xix. 1.

Family ŒDICERIDÆ.

- Œdiceros**, Kröyer, 1842.
novæ-zealandiæ, Dana. Miers, Cat. N.Z. Crust. 126.

Family PLEUSTIDÆ.

- Pleustes**, Spence Bate, 1858.
panoplus, Kröyer. Kirk, T.N.Z.I. xi. 402.

Family IPHIMEDIDÆ

Iphimedia, Rathke, 1843.

spinosa, G. M. Thomson. *Panoptea spino* G. M. Thomson, T.N.Z.I. xiii. 213.

Family ATYLIDÆ.

Halirages, Boeck, 1870.

debilis, Thomson. Stebbing, Challenger Reports, xxix. 524; *Panoplaea debilis*, Thomson, T.N.Z.I. xiii. 213.

translucens, Chilton. Stebbing. Challenger Reports, xxix. 551; *Panoptea translucens*, Chilton, T.N.Z.I. xvi. 263.

Atylus, Leach, 1815.

danai, Thomson. T.N.Z.I. xi. 238.

Family DEXAMINIDÆ.

Tritaeta, Boeck, 1876.

antarctica, Stebbing. Challenger Reports, xxix. 451; *Polycheria obtusa*, Thomson, T.N.Z.I. xiv. 233.

Paradexamine, Stebbing, 1899.

pacifica, Thomson. Stebbing, A.M.N.H. 7, iv. 210; *Dexamine pacifica*, Thomson, T.N.Z.I. xi. 238.

levis, Thomson = *Amphithonotus levis*, Thomson, T.N.Z.I. xiii. 215.

Family EUSIRIDÆ.

Eusirus, Kröyer, 1845.

longipes, Kröyer, Challenger Reports, xxix. 965.

Liljeborgia, Spence Bate, 1862.

haswelli, Stebbing. Challenger Reports, xxix. 985; A.M.N.H. 7, x. 463.

Family CALLIOPIDÆ.

Paracalliope, Stebbing, 1899.

fluviatilis, Thomson. Stebbing, A.M.N.H. 7, iv. 210; *Calliope fluviatilis*, Thomson, T.N.Z.I. xi. 240.

Paraleptamphopus, Stebbing, 1899.

subterraneus, Chilton. Stebbing, A.M.N.H. 7, iv. 209; *Calliopius subterraneus*, Chilton, T. Linn. Soc. Zool. vi. 234.

cærulea, Thomson. Stebbing, A.M.N.H. 7, iv. 209, and T.Z.S. xii. 206.

Calliopius, Liljeborg, 1865.

didactylus, Thomson. T.N.Z.I. xi. 240.

Pherusa, Leach, 1814.

novæ-zealandiæ, Thomson. T.N.Z.I. xi. 239.

Family STENOTHOIDÆ.

Stenothoë, Dana, 1852.**miersii**, Haswell. *Montaguana miersii*, Chilton, T.N.Z.I. xv. 79.**adhærens**, Stebbing. Chilton, T.N.Z.I. xxiv. 259.

Family AMPELISCIDÆ.

Ampelisca, Krøyer, 1842.**chiltoni**, Stebbing. Challenger Reports, xxix. 1042.**acinaces**, Stebbing. Challenger Reports, xxix. 1036.

Family PHLIADIDÆ.

Bircenna, Chilton, 1884.**fulva**, Chilton. T.N.Z.I. xvi. 264.**Iphinotus**, Stebbing, 1899.**typica**, Thomson, A.M.N.H. 7, x. 464 = *chiltoni*, Stebbing. T. Linn. Soc. Zool. vii. 419.

Family GAMMARIDÆ.

Phreatogammarus, Stebbing, 1899.**fragilis**, Chilton. Stebbing, T. Linn. Soc. Zool. vii. 427 ;
Gammarus fragilis, Chilton, T. Linn. Soc. Zool. vi. 227.**Mæra**, Leach, 1813.**rubromaculata**, Stebbing. Challenger Reports, xxix. 1008,
spinosa, Chilton, T.N.Z.I. xv. 81.**fasciculata**, Thomson. T.N.Z.I. xiii. 218.**quadrimana**, Spence Bate. Thomson, T.N.Z.I. xiv. 235.**incerta**, Chilton. T.N.Z.I. xv. 83.**haswelli**, Thomson. A.M.N.H. 6, xx. 449 ; Stebbing,
A.M.N.H. 7, iii.**Elasmopus**, Costa, 1853.**subcarinatus**, Haswell. Stebbing, Challenger Reports,
xxix. 1019 ; Chilton, T.N.Z.I. xxiv. 261.**Melita**, Leach, 1813.**tenuicornis**, Dana. Miers, Cat. N.Z. Crust. 127.**Paracrangonyx**, Stebbing, 1899.**compactus**, Chilton. Stebbing, T. Linn. Soc. Zool. vii. 424 ;
Crangonyx compactus, Chilton, T. Linn. Soc. Zool. vi. 220.

Family PHOTIDÆ.

Aora, Krøyer, 1845.**typica**, Krøyer. Chilton, A.M.N.H. 5, xvi. 375.**Gammaropsis**, Liljeborg, 1855.**typica** = *Paranenia typica*, Chilton, T.N.Z.I. xvi. 259.**dentifera**, Haswell. *Paranenia dentifera*, Chilton, T.N.Z.I.
xvi. 260.

- Gammaropsis longimana** = *Paranania longimana*, Chilton, T.N.Z.I. xvi. 261.
thomsoni, Stebbing. Challenger Reports, xxix. 1103.
chiltoni = *Mera chiltoni*, Thomson, A.M.N.H. 6, xx. 447.

- Podoceros**, Boeck, 1860.
kermadeci, Stebbing. Challenger Reports, xxix. 1109.

Family PODOCERIDÆ.

- Podocerus**, Leach, 1814.
validus, Dana. Stebbing, Challenger Reports, xxix. 1135.
hoeki, Stebbing. Challenger Reports, xxix. 1136.
frequens, Chilton. T.N.Z.I. xv. 85.
latipes, Chilton. T.N.Z.I. xvi. 258 (name preoccupied).
longimanus, Haswell. Chilton, T.N.Z.I. xvi. 255.
cristatus, Thomson = *Cyrtophium cristatum*, Thomson, T.N.Z.I. xiii. 219.
- Harmonia**, Haswell, 1880 (name preoccupied).
crassipes, Haswell. Chilton, T.N.Z.I. xv. 82.

Family COROPHIIDÆ.

- Corophium**, Latreille, 1800.
contractum, Stimpson. Thomson, T.N.Z.I. xiii. 220.
crassicorne, Bruzelius. Chilton, T.N.Z.I. xviii. 142.
- Paracorophium**, Stebbing, 1899.
excavatum, Thomson. Stebbing, A.M.N.H. 7, iii. 241 and 350; *Corophium excavatum*, Thomson, T.N.Z.I. xvi. 236.

Family ?

- Haplocheira**, Haswell, 1880.
barbimana, Stebbing. Challenger Reports, xxix. 1177 = *Corophium barbimanum*, Thomson and Chilton, T.N.Z.I. xviii. 143.
- Camacho**, Stebbing, 1888.
bathyplois, Stebbing. Challenger Reports, xxix. 1179.

Tribe CAPRELLIDÆ.

- Caprella**, Lamarck, 1801.
æquilibra, Say. Stebbing, Challenger Reports, xxix. 1254.
linearis, Bate. Mayer, Capr. d. G. Neapel, 58; *C. lobata*, Kirk, T.N.Z.I. xi. 393.
- Caprellinopsis**, Stebbing, 1888 (substitute for *Caprellina*, Thomson, preoccupied).
longicollet, Nicolet. Mayer, Capr. d. G. Neapel, 27.

Family CYAMIDÆ.

- Cyamus**, Latreille, 1796.
ceti, Lamarck. Chilton, T.N.Z.I. xvi. 252.

Sub-order ISOPODA.

Tribe CHELIFERA.

Family APSEUDIDÆ.

- Apseudes**, Leach, 1814.
timaruvia, Chilton. T.N.Z.I. xv. 146.
latus, Chilton. T.N.Z.I. xvi. 249.

Family TANAIDÆ.

- Tanais**, A. Milne-Edwards, 1829.
novæ-zealandiæ, G. M. Thomson. T.N.Z.I. xiii. 207.

- Paratanais**, Dana, 1852.
tenuis, G. M. Thomson. T.N.Z.I. xiii. 207.

Tribe FLABELLIFERA.

Family ANTHURIDÆ.

- Anthura**, Leach, 1814.
flagellata, Chilton. T.N.Z.I. xiv. 172.
affinis, Chilton. T.N.Z.I. xv. 72; Stebbing, Hist. Crust. 332.

- Paranthura**, Bate and Westwood, 1866.
costana, Bate and Westwood. Thomson, T.N.Z.I. xiv. 230.
chiltoni, Beddard. Challenger Reports, xvii. 143.

- Cruregens**, Chilton, 1882.
fontanus, Chilton. T. Linn. Soc. Zool. vi. 211.

Family CYMOTHOIDÆ.

- Meinertia**, Stebbing, 1893.
imbricata, Fabricius. Stebbing, South African Crust. 58;
Ceratothoa imbricata.
lineata, = *Ceratothoa lineata*, Miers. Cat. N.Z. Crust. 105.
huttoni, = *Ceratothoa huttoni*, Filhol. Miss. de l'Île Campbell, 447.
novæ-zealandiæ, = *Ceratothoa novæ-zealandiæ*, Filhol, Miss. de l'Île Campbell, 449.

- Æga**, Leach, 1815.
novæ-zealandiæ, Dana. T.N.Z.I. xviii. 153.
maorum, Filhol. Miss. de l'Île Campbell, 452.

- Pseudæga**, G. M. Thomson, 1882.
punctata, Thomson. T.N.Z.I. xvi. 234.

- Livoneca**, Leach, 1818.
novæ-zealandiæ, Miers. Cat. N.Z. Crust. 106.
stewarti, Filhol. Miss. de l'Île Campbell, 450.

- Nerocila**, Leach, 1818.
macleayii, Leach. Chilton, T.N.Z.I. xxiii. 68.
traillii, Filhol. Miss. de l'Île Campbell, 451.
- Cirolana**, Leach, 1818.
rossii, Miers. Cat. N.Z. Crust. 109.
cookii, Filhol. Miss. de l'Île Campbell, 454.
hirtipes, A. Milne-Edwards. Filhol, Miss. de l'Île Campbell, 455.
- Family SEROLIDÆ.
- Serolis**, Leach, 1818.
paradoxa, Fabricius. Beddard, Challenger Reports, xi. 23.
scythei, Lütken. Beddard, Challenger Reports, xi. 40.
bromleyana, Willemoës-Suhm. Beddard. Challenger Reports, xi. 53.
latifrons, White. Beddard, Challenger Reports, xi. 44.
- Family SPHÆROMIDÆ.
- Sphæroma**, Latreille, 1802.
verrucauda, White. Miers, Cat. N.Z. Crust. 111.
obtusa, Dana. Miers, Cat. N.Z. Crust. 112.
- Exosphæroma**, Stebbing, 1900.
gigas, Leach. Stebbing, P.Z.S. 1900, 558; *Sphæroma gigas*, Miers, Cat. N.Z. Crust. 110.
- Cymodoce**, Pfeffer, 1887.
egregia, = *Sphæroma*? *egregia*, Chilton, T.N.Z.I. xxiv. 269.
- Isocladus**, Miers, 1876.
armatus, A. Milne-Edwards. Miers, Cat. N.Z. Crust. 112.
spiniger, Dana. Miers, Cat. N.Z. Crust. 113.
- Cymodoce**, Leach, 1814.
granulata, Miers. Cat. N.Z. Crust. 114.
convexa, Miers. Cat. N.Z. Crust. 114.
cordiforaminalis, Chilton. T.N.Z.I. xiv. 188.
bituberculata, Filhol. Miss. de l'Île Campbell, 457.
huttoni, G. M. Thomson. *Dynamene huttoni*, G. M. Thomson, T.N.Z.I. xi. 234.
- Scutuloidea**, Chilton, 1882.
maculata, Chilton. T.N.Z.I. xv. 70.
- Cassidina**, A. Milne-Edwards, 1840.
neo-zelanica, G. M. Thomson. T.N.Z.I. xxi. 264; Stebbing, P.Z.S. 1900, 562.
- Amphoroidea**, A. Milne-Edwards, 1840.
falcifer, G. M. Thomson. T.N.Z.I. xi. 233.
- Plakarthrium**, Chilton, 1882.
typicum, Chilton. T.N.Z.I. xv. 74.

Family LIMNORIIDÆ.

Limnoria, Leach, 1814.*segnis*, Chilton. T.N.Z.I. xv. 76.

Tribe VALVIFERA.

Family ARCTURIDÆ.

Astacilla, Cordiner, 1795.*tuberculatus*, G. M. Thomson. *Arcturus tuberculatus*,
G. M. Thomson, T.N.Z.I. xiii. 206.**Arcturus**, Latreille, 1804.*myops*, Beddard. Challenger Reports, xvii. 100.

Family IDOTEIDÆ.

Idotea, Fabricius, 1798.*marina*, Linnæus. Chilton, T.N.Z.I. xxii. 191.*festiva*, Chilton. T.N.Z.I. xxii. 192.*metallica*, Bosc. Chilton, T.N.Z.I. xxii. 193.*lacustris*, G. M. Thomson. Chilton, T.N.Z.I. xxiv. 263.*elongata*, Miers. Chilton, T.N.Z.I. xxii. 198.*peronii*, Milne-Edwards. Chilton, T.N.Z.I. xxii. 199.*stewarti*, Filhol. Miss. de l'Île Campbell, 492.**Paridotea**, Stebbing, 1900.*ungulata*, Pallas. Stebbing, South African Crust. 53;*Idotea ungulata*, Chilton, T.N.Z.I. xxii. 196.**Cleantis**, Dana, 1849.*tubicola*, G. M. Thomson. Chilton, T.N.Z.I. xxiv. 265.

Tribe ASELOTA.

Family ASELLIDÆ.

Iais, Bovallius, 1886.*pubescens*, Dana. Chilton, T.N.Z.I. xxiv. 266; Stebbing,
P.Z.S. 1900, 549.**Iathrippa**, Bovallius, 1886.*longicauda*, Chilton. *Janira longicauda*, Chilton, T.N.Z.I.
xvi. 250, and xviii. 157.**Stenetrium**, Haswell, 1881.*fractum*, Chilton. T.N.Z.I. xvi. 251, and xviii. 157.**Jæropsis**, Koehler, 1885.*neo-zelanica*, Chilton. T.N.Z.I. xxiv. 267.**Munna**, Kröyer, 1839.*neo-zelanica*, Chilton. A.M.N.H. 6, ix. 1.**Acanthomunna**, Beddard, 1886.*proteus*, Beddard. Challenger Reports, xvii. 47.

Family MUNNOPSISÆ.

Munnopsis, M. Sars, 1861.*gracilis*, Beddard. Challenger Reports, xvii. 51.**Eurycope**, Sars, 1864.*novæ-zealandiæ*, Beddard. Challenger Reports, xvii. 61.

Tribe PHREATOICIDEA.

Family PHREATOICIDÆ.

Phreatoicus, Chilton, 1882.*typicus*, Chilton. T. Linn. Soc. Zool. vi. 196.*assimilis*, Chilton. T. Linn. Soc. Zool. vi. 186.

Tribe ONISCOIDEA.

Family LIGIDÆ.

Ligia, Fabricius, 1798.*novæ-zealandiæ*, Dana. Chilton, T. Linn. Soc. Zool. viii. 107.

Family TRICHONISCIDÆ.

Trichoniscus, Brandt, 1833.*phormianus*, Chilton. T. Linn. Soc. Zool. viii. 115.*otakensis*, Chilton. T. Linn. Soc. Zool. viii. 117.*thomsoni*, Chilton. T. Linn. Soc. Zool. viii. 118.**Haplophthalmus**, Schöbl, 1860.*helmsii*, Chilton. T. Linn. Soc. Zool. viii. 119.

Family TYLIDÆ.

Tylos, Latreille, 1829.*neo-zelanicus*, Chilton. T. Linn. Soc. Zool. viii. 120.

Family SCYPHACIDÆ.

Scyphax, Dana, 1853.*ornatus*, Dana. Chilton, T. Linn. Soc. Zool. viii. 123.*aucklandiæ*, G. M. Thomson. Chilton, T. Linn. Soc. Zool. viii. 126.**Scyphoniscus**, Chilton, 1901.*waitatensis*, Chilton. T. Linn. Soc. Zool. viii. 128.**Actæcia**, Dana, 1853.*euchroa*, Dana. Chilton, T. Linn. Soc. Zool. viii. 130.*opihensis*, Chilton. T. Linn. Soc. Zool. viii. 132.

Family ONISCIDÆ.

Oniscus, Linnaeus, 1767.*punctatus*, G. M. Thomson. Chilton, T. Linn. Soc. Zool. viii. 133.*kenepurensis*, Chilton. T. Linn. Soc. Zool. viii. 135.*cookii*, Filhol. Chilton, T. Linn. Soc. Zool. viii. 136.

Philoscia, Latreille, 1804.*pubescens*, Dana. Chilton, T. Linn. Soc. Zool. viii. 136.*novæ-zealandiæ*, Filhol. Chilton, T. Linn. Soc. Zool. viii. 138.**Metoponorthus**, Buddle-Lund, 1879.*pruinus*, Brandt. Chilton, T. Linn. Soc. Zool. viii. 141.

Family ARMADILLIDÆ.

Armadillo, Latreille, 1804.*ambitiosus*, Buddle-Lund. Chilton, T. Linn. Soc. Zool. viii. 144.*danæ*, Heller. Chilton, T. Linn. Soc. Zool. viii. 144.*speciosus*, Dana. Chilton, T. Linn. Soc. Zool. viii. 146.*rugulosus*, Miers. Chilton, T. Linn. Soc. Zool. viii. 147.*monolinus*, Dana. Chilton, T. Linn. Soc. Zool. viii. 147.*hamiltoni*, Chilton. T. Linn. Soc. Zool. viii. 148.*macmahoni*, Chilton. T. Linn. Soc. Zool. viii. 149.*spinus*, Dana. Chilton, T. Linn. Soc. Zool. viii. 150.

Order PHYLLOCARIDA.

Nebalia, Leach, 1815.*longicornis*, Thomson. T.N.Z.I. xiii. 221; Sayce, Victorian Naturalist, xviii. 151.

Sub-class ENTOMOSTRACA.

Order BRANCHIOPODA.

Sub-order CLADOCERA.

Family DAPHNIDÆ.

Daphnia, Müller, 1785.*thomsoni*, G. O. Sars. Fresh-water Entom. of N.Z., Vidensk.-Selsk. Skr. 1894-5 = *D. similis*, Thomson, T.N.Z.I. xvi. 240.**Simocephalus**, Schödeler.*obtusatus*, Thomson. Sars, Fresh-water Entom. of N.Z. 10; *Daphnia obtusata*, T.N.Z.I. xi. 261.**Ceriodaphnia**, Dana, 1847.*sublævis*, Sars. Fresh-water Entom. of N.Z. 14.

Family LYNCEIDÆ.

Chydorus, Leach, 1819.*minutus*, Thomson. T.N.Z.I. xi. 262.**Alona**, Baird, 1843.*eucostata*, Sars. Fresh-water Entom. of N.Z. 17.*macrocopa*, Sars. Fresh-water Entom. of N.Z. 20.

Family PODONTIDÆ.

- Podon**, Liljeborg, 1853.
polyphemoides, Leuckart. T.N.Z.I. xxvii. 221.
trisetosus, Krämer. T.N.Z.I. xxvii. 222.
- Evadne**, Lovén, 1835.
aspinosa, Krämer. T.N.Z.I. xxvii. 222.

Family SIDIDÆ.

- Penilia**, Dana, 1847.
pacifica, Krämer. T.N.Z.I. xxvii. 222.

Order PHYLLOPODA.

Family APODIDÆ.

- Lepidurus**, Leach, 1816.
viridis, Baird. Sayce, P.R.S. Vict. xv. n.s. 242 = *L. angasii*.
 Sars, Description of some Australian Phyllopoda, Archiv.
 f. Math. og Natur. xvii. No. 2, 4, = *L. kirkii*, Thomson,
 T.N.Z.I. xi. 260, = *compressus*, Thomson. T.N.Z.I. xi. 260.

Order OSTRACODA.

Section PODOCOPA.

Family CYPRIDIDÆ.

- Cypris**, Müller, 1785.
novæ-zealandiæ, Baird. Dieffenbach, New Zealand,
 ii. 268.
littoralis, Thomson. T.N.Z.I. xi. 253.
bennelong, King. Sars, Fresh-water Entom. of N.Z.,
 Vidensk.-Selsk. Skr. 1894, No. 5, 24.
sydneia, King. Sars, Fresh-water Entom. of N.Z. 27,
 = *C. ciliata*, Thomson, T.N.Z.I. xi. 253.
- Cypridopsis**, Brady, 1868.
turgida, G. O. Sars. On Fresh-water Entom. from neigh-
 bourhood of Sydney, 62, = *C. minna*, King. Sars, Fresh-
 water Entom. of N.Z. 30.
viridis, Thomson = *Cypris viridis*, Thomson, T.N.Z.I. xi. 253;
 Sars, Fresh-water Entom. of N.Z. 32.
- Candonocypris**, G. O. Sars, 1894.
candonoides, King. Sars, Fresh-water Entom. of N.Z. 35.
assimilis, Sars. Fresh-water Entom. of N.Z. 36.
- Ilyodromus**, G. G. Sars, 1894.
stanleyanus, King. Sars, Fresh-water Entom. of N.Z. 39.
varrovillius, King. Sars, Fresh-water Entom. of N.Z. 41.
smaragdinus, Sars. Fresh-water Entom. of N.Z. 43.
substriatus, Sars. Fresh-water Entom. of N.Z. 45.
obtusus, Sars. Fresh-water Entom. of N.Z. 46.

- Paracypris**, G. O. Sars, 1865.
polita, Sars. Challenger Reports, i. 32.
- Phlyctenophora**, G. S. Brady, 1880.
zealandica, Brady. Challenger Reports, i. 33.
- Cyprinotus**, G. S. Brady, 1885.
flavescens, Brady. T.Z.S. xiv. 440.
- Aglaiia**, G. S. Brady, 1867.
clavata, Brady. Challenger Reports, i. 34.
- Macrocypris**, G. S. Brady, 1868.
tumida, Brady. Challenger Reports, i. 43.
- Bairdia**, M'Coy, 1844.
? ovata, Bosquet. Challenger Reports, i. 53.

Family CYTHERIDÆ.

- Cythere**, Müller, 1785.
atra, Thomson. T.N.Z.I. xi. 254.
murrayana, Brady. Challenger Reports, i. 69.
rastromarginata, Brady. Challenger Reports, i. 83.
arata, Brady. Challenger Reports, i. 101.
dasyderma, Brady. Challenger Reports, i. 105.
scutigera, Brady. Challenger Reports, i. 109.
brunnea, Brady. T.Z.S. xiv. 442.
innominata, Brady. T.Z.S. xiv. 443 = *C. truncata*,
 Thomson, T.N.Z.I. xi. 254.
truncula, Brady. T.Z.S. xiv. 444.
- Krithe**, Brady, Crosskey, and Robertson, 1874.
producta, Brady. Challenger Reports, i. 114.
- Loxoconcha**, G. O. Sars, 1865.
punctata, Thomson. T.N.Z.I. xi. 255.
- Xestoleberis**, G. O. Sars, 1865.
luxata, Brady. T.Z.S. xiv. 441.
olivacea, Brady. T.Z.S. xiv. 442.
compressa, Brady. T.Z.S. xiv. 442.
- Cytheropteron**, G. O. Sars, 1865.
wellingtoniense, Brady. Challenger Reports, i. 136.
- Trachyleberis**, G. S. Brady, 1898.
scabrocuneata, Brady. Challenger Reports, i. 103;
 T.Z.S. xiv. 444.
- Cytherideis**, Jones, 1856.
novæ-zealandiæ, Brady. T.Z.S. xiv. 446.
- Sclerochilus**, G. O. Sars, 1865.
contortus, Norman. Challenger Reports, i. 147.

Section MYODOCOPA.

Family CYPRIDINIDÆ.

- Crossophorus**, G. S. Brady, 1880.
imperator, Brady. Challenger Reports, i. 158.
- Philomedes**, Liljeborg, 1853.
agilis, Thomson. T.N.Z.I. xi. 257.
sculpta, Brady. T.Z.S. xiv. 434.
flexilis, Brady. T.Z.S. xiv. 435.
- Asterope**, Philippi, 1840.
australis, Brady. T.Z.S. xiv. 431.
quadrata, Brady. T.Z.S. xiv. 432.
grisea, Brady. T.Z.S. xiv. 432.
- Cyclasterope**, G. S. Brady, 1897.
ovulum, Brady. T.Z.S. xiv. 432.
tenera, Brady. T.Z.S. xiv. 433.
zealandica, Baird. T.Z.S. xiv. 433 = *Cypridina zealanica*,
 Baird. P.Z.S. 1850, 255.

Family Sarsiellidæ.

- Sarsiella**, Norman, 1869.
hanseni, Brady. T.Z.S. xiv. 438.
hispidia, Brady. T.Z.S. xiv. 439.

Section PLATYCOPA.

Family CYTHERELLIDÆ.

- Cytherella**, Jones, 1849.
polita, Brady. Challenger Reports, i. 172.
pulchra, Brady. Challenger Reports, i. 174.
punctata, Brady. Challenger Reports, i. 174.
eburnea, Brady. T.Z.S. xiv. 447.

Order COPEPODA.

Section GNATHOSTOMA.

Family CALANIDÆ.

- Calanus**, Leach, 1816.
finmarchicus, Günner. T.Z.S. xv. 32.
- Paracalanus**, Boeck, 1864.
parvus, Claus. T.N.Z.I. xxvii. 217; T.Z.S. xv. 32.
- Clausocalanus**, Giesbrecht, 1888.
arcuicornis, Dana. T.N.Z.I. xxvii. 217; T.Z.S. xv. 32.
furcatus, Brady. T.Z.S. xv. 32.
- Euchæta**, Philippi, 1843.
marina, Prestandrea. Pelagischen Copepoden des Golfes
 von Neapel, 245 = *E. prestandrew*, Philippi.

Family CENTROPAGIRÆ.

Centropages, Kröyer, 1849.

typicus, Kröyer, var. *aucklandicus*, Krämer. T.N.Z.I. xxvii. 217.

discaudatus, Brady. T.Z.S. xv. 35.

pectinatus, Brady. T.Z.S. xv. 36.

Deguernea, Thomson, 1902 = *Guernea*, Thomson, 1895.

antarctica, Thomson. T.N.Z.I. xxvii. 213.

Temora, Baird, 1850.

turbinata, Dana. T.N.Z.I. xxvii. 218.

tenuicauda, Brady. T.Z.S. xv. 34.

? **stylifera**, Dana = *T. dubia*, Lubbock.

Leuckartia, Claus, 1863.

n. sp. Krämer. T.N.Z.I. xxvii. 218.

Boeckella, Guerne and Richard = *Boeckia*, Thomson.

trarticulata, Thomson. T.N.Z.I. xv. 94.

Family CANDACIDÆ.

Candace, Dana, 1846.

pectinata, Brady.

pachydactyla, Dana. U.S. Expl. Exp. Crust. 1113.

Family PONTELLIDÆ.

Labidocera, Lubbock, 1853.

cervi, Krämer. T.N.Z.I. xxvii. 218; T.Z.S. xv. 37.

simplex, Dana = *Pontellina simplex*, Dana. U.S. Expl. Exp. Crust. 1145.

Acartia, Dana, 1846.

clausii, Giesbrecht. T.N.Z.I. xxvii. 219.

ensifera, Brady. T.Z.S. xv. 33.

Family CYCLOPIDÆ.

Oithona, Baird, 1843.

nana, Giesbrecht. T.N.Z.I. xxvii. 219.

spinifrons, Boeck. T.Z.S. xv. 38.

Thorellia, Boeck, 1864.

brunnea, Boeck, var. *antarctica*, Thomson. T.N.Z.I. xv. 95.

Cyclops, Müller, 1776.

gigas, Claus. T.N.Z.I. xv. 96.

novæ-zealandiæ, Thomson. T.N.Z.I. xi. 258.

serrulatus, Fischer. T.N.Z.I. xv. 96.

chiltoni, Thomson. T.N.Z.I. xv. 97.

æquoreus, Fischer. T.N.Z.I. xv. 97.

ewarti, Brady. T.Z.S. xv. 38.

Family HARPACTICIDÆ.

- Ectinosoma**, Boeck, 1864.
australe, Brady. T.Z.S. xv. 39.
- Euterpe**, Claus, 1863.
gracilis, Claus. T.Z.S. xv. 39.
acutifrons, Dana. T.N.Z.I. xxvii. 219.
- Amymome**, Claus, 1863.
clausii, Thomson. T.N.Z.I. xv. 98; T.Z.S. xv. 40.
- Laophonte**, Philippi, 1840.
australasica, Thomson. T.N.Z.I. xv. 101.
serrata, Claus. T.Z.S. xv. 40.
meinerti, Brady. T.Z.S. xv. 40.
- Diarthrodes**, Thomson, 1882.
novæ-zealandiæ, Thomson. T.N.Z.I. xv. 99.
- Merope**, Thomson, 1882.
hamata, Thomson. T.N.Z.I. xv. 100.
- Dactylopus**, Claus, 1863.
tisboides, Claus. T.N.Z.I. xv. 102; T.Z.S. xv. 41.
hanseni, Brady. T.Z.S. xv. 41.
- Xouthous**, Thomson, 1882.
novæ-zealandiæ, Thomson. T.N.Z.I. xv. 103.
- Flavia**, Brady, 1899.
crassicornis, Brady. T.Z.S. xv. 42.
- Phroso**, Brady, 1899.
gracilis, Brady. T.Z.S. xv. 42.
- Thalestris**, Claus, 1863.
forficula, Claus. T.N.Z.I. xv. 104; T.Z.S. xv. 43.
ciliata, Brady. T.Z.S. xv. 43.
australis, Brady. T.Z.S. xv. 43.
- Harpacticus**, Milne-Edwards, 1838.
chelifer, Müller. T.N.Z.I. xv. 105.
glaber, Brady. T.Z.S. xv. 44.
- Zaus**, Goodsir, 1845.
contractus, Thomson. T.N.Z.I. xv. 106; xxvii. 213.
- Peltidium**, Philippi, 1839.
novæ-zealandiæ, Brady. T.Z.S. xv. 44.
- Porcellidium**, Claus, 1860.
fulvum, Thomson. T.N.Z.I. xv. 107; T.Z.S. xv. 46.
interruptum, Thomson. T.N.Z.I. xv. 108.

Scutellidium, Claus, 1866.

tisboides, Claus. T.N.Z.I. xv. 110.

plumosum, Brady. T.Z.S. xv. 45.

Idya, Philippi, 1843.

furcata, Baird. T.N.Z.I. xv. 108; T.Z.S. xv. 45.

Setella, Dana, 1846.

gracilis, Dana = *Miracia gracilis*, Dana.

Section PÆCILOSTOMA.

Family CORYCÆIDÆ.

Oncæa, Philippi, 1843.

mediterranea, Claus. Pelagischen Copepoden des Goltes von Neapel, 591 = *O. obtusa*, Dana.

Oncæola, Krämer, 1895.

specialis, Krämer. T.N.Z.I. xxvii. 220.

Corycæus, Dana, 1845.

tenuis, Giesbrecht. T.N.Z.I. xxvii. 220.

aucklandicus, Krämer. T.N.Z.I. xxvii. 220.

robusta, Dana (?). T.Z.S. xv. 46.

Paurocope, Brady, 1899.

robusta, Brady. T.Z.S. xv. 46.

? **Centromma**, Brady, 1899.

thomsoni, Brady. T.Z.S. xv. 47.

Family SAPPHIRINIDÆ.

Sapphirina, Thomson, 1829.

gemma, Dana.

Section SIPHONOSTOMA.

Family ENTOMOLEPIDÆ.

Entomolepis, Brady, 1899.

ovalis, Brady. T.Z.S. xv. 48.

Family ARTOTROGIDÆ.

Conostoma, Thomson, 1882.

elliptica, Thomson. T.N.Z.I. xv. 112.

Artotrogus, Boeck, 1859.

boeckii, Brady. T.N.Z.I. xv. 113.

ovatus, Thomson. T.N.Z.I. xv. 113; T.Z.S. xv. 48.

brevicaudatus, Brady. T.Z.S. xv. 48.

Acontiophorus, Brady, 1880.

scutatus, Brady and Robertson. T.N.Z.I. xv. 114.

Family CALIGIDÆ:

- Lepeophtheirus**, Nordmann, 1832.
erecsoni, G. M. Thomson. T.N.Z.I. xxiii. 227.
- Gloiopotes**, Steenstrup and Lütken, 1860.
huttoni, G. M. Thomson (*Lepeophtheirus*). T.N.Z.I. xxii. 354; P. W. Bassett-Smith, P.Z.S. 1899, 458.
- Caligus**, Müller, 1785.
productus, Dana. U.S. Expl. Exped. Crust. 1354; Bassett-Smith, P.Z.S. 1899, 452.
longicaudatus, Brady. T.Z.S. xv. 49.
- Dinematura**, Burmeister, 1837.
ferox, Kröyer. P. W. Bassett-Smith, P.Z.S. 1899, 463;
 = *D. carcharodonti*, G. M. Thomson, T.N.Z.I. xxii. 360.
hamiltoni, G. M. Thomson. T.N.Z.I. xxii. 357.
- Echthrogaleus**, Steenstrup and Lütken, 1860.
neo-zealanica, G. M. Thomson (*Dinematura*). T.N.Z.I. xxii. 359.
affinis, Milne-Edwards. P.Z.S. 1899, 464; = *E. braccatus*, T.N.Z.I. xxii. 361.
- Cecrops**, Leach, 1873.
latreillii, Leach. T.N.Z.I. xxii. 465.
- Gangliopus**, Gerstaecker, 1854.
 ? *pyriformis*, Gerstaecker. P.Z.S. 1899, 465; = *Nogagus curticaudatus* = *Specilligis curticaudis*, T.N.Z.I. xxii. 365.
- Pandarus**, Leach, 1816.
dentatus, Milne-Edwards (♂ = *Nogagus elongatus*, Heller), T.N.Z.I. xxii. 356 and 363.
armatus, Heller (♂ = *Nogagus latreillii*, Milne-Edwards), T.N.Z.I. xxii. 363 and 364.
affinis, V. Bened. = *P. satyris*, Dana = *P. brevicaudatus* (? *brevicaudis*), Dana. T.N.Z.I. xxii. 365.
- Nogagus**, Leach, 1819.
validus, Dana. T.N.Z.I. xxii. 356.

Family DICHELESTHIDÆ.

- Anthosoma**, Leach, 1819.
crassum, Abgd. T.N.Z.I. xxii. 365.
- Lernanthropus**, Blainville, 1832.
percis, G. M. Thomson. T.N.Z.I. xxii. 366.

Family PHILICHTHYIDÆ.

- Philichthys**, Steenstrup, 1861.
xiphixæ, Steenstrup. T.N.Z.I. xxii. 367.

Family LERNÆIDÆ.

Penella, Edwards, 1840.

histiophori, G. M. Thomson. T.N.Z.I. xxii. 368.

Lernæa, Linnæus, 1746.

lotellæ, G. M. Thomson. T.N.Z.I. xxii. 369.

Family CHONDRACANTHIDÆ.

Sphyrion, Cuvier, 1829.

lævigatum, Cuvier = *Lesteira krøyeri*, Thomson. P.Z.S. 1899, 489; T.N.Z.I. xxii. 370.

Chondracanthus, De la Roche, 1811.

lotellæ, G. M. Thomson. T.N.Z.I. xxii. 372.

chylomycteri, G. M. Thomson. T.N.Z.I. xxii. 371.

genypteri, G. M. Thomson. T.N.Z.I. xxii. 372.

Family LERNÆOPODIDÆ.

Lernæopoda, Nordman, 1832.

galei, Krøyer = *L. musteli*, Thomson. P.Z.S. 1899, 499; T.N.Z.I. xxii. 373.

Brachiella, Latreille, 1829.

parkeri, G. M. Thomson. T.N.Z.I. xxii. 374.

Order CIRRIPIEDIA.

Family LEPADIDÆ.

Alepas, Rang, 1829.

tubulosa, Quoy and Gaimard. Filhol, Miss. de l'Ile Campbell, 486.

Lepas, Linnæus, 1748.

hilli, Leach. Filhol, Miss. de l'Ile Campbell, 485.

pectinata, Spengler. Hutton, T.N.Z.I. xi. 329.

australis, Darwin. Filhol, Miss. de l'Ile Campbell, 485.

elongata, Quoy and Gaimard. Filhol, Miss. de l'Ile Campbell, 485.

Pollicipes, Leach, 1817.

sertus, Darwin. Filhol, Miss. de l'Ile Campbell, 486.

spinosus, Quoy and Gaimard. Filhol, Miss. de l'Ile Campbell, 486.

darwinii, Hutton. T.N.Z.I. xi. 329; Miss. de l'Ile Campbell, 486.

Family BALANIDÆ.

Coronula, Oken, 1815.

diadema, Lamarck. Filhol, Miss. de l'Ile Campbell, 489.

Tubicinella, Lamarck, 1802.

trachealis, Shaw. Hutton, T.N.Z.I. xi. 330.

- Elminius**, King, 1830.
 modestus, Darwin. Filhol, Miss. de l'Ile Campbell, 489.
 sinuatus, Hutton. Filhol, Miss. de l'Ile Campbell, 489.
 plicatus, Gaimard. Filhol, Miss. de l'Ile Campbell, 489.
 rugosus, Hutton. Filhol, Miss. de l'Ile Campbell, 489.
- Tetraclita**, Schuhmacher, 1817.
 purpurescens, Wood. Miss. de l'Ile Campbell, 488.
- Balanus**, Lister, 1685.
 decorus, Darwin. Filhol, Miss. de l'Ile Campbell, 486.
 porcatus, Da Costa. Filhol, Miss. de l'Ile Campbell, 487.
 vestitus, Darwin. Filhol, Miss. de l'Ile Campbell, 487.
 campbelli, Filhol. Miss. de l'Ile Campbell, 487.
 amphitrite, Darwin. Filhol, Miss. de l'Ile Campbell, 486.
- Chamæsipho**, Darwin, 1854.
 columna, Spengler. Filhol, Miss. de l'Ile Campbell, 489.

PHYLUM, ANNULATA.

CLASS, POLYCHÆTA.

[For additional identifications of this Class, see Appendix.]

Order NEREIDIFORMIA.

Family SYLLIDÆ.

Syllis, Savigny, Emend. Ehlers, 1864.

macrura, Schmarda. N.W.Th. (2), 70 (*Spherosyllis*, Quatrefages, nec Claparède); Hutton, T.N.Z.I. xi. 323.

Family HESIONIDÆ.

Pseudosyllis, Quatrefages, 1865.

incerta, Schmarda (*Cirrotyllis i.*). N.W.Th. (2), 79; Quatrefages, Hist. Nat. Annel. ii. 106.

Family APHRODITIDÆ.

Sub-family POLYNOINA.

‘**Polynoe**,’ Savigny, 1809.

aucklandica, Schmarda. N.W.Th. (2), 158; Hutton, T.N.Z.I. xi. 318.

***comma**, Thomson. T.N.Z.I. xxxiv. 241.

Lepidonotus, Leach, 1819.

polychroma, Schmarda. N.W.Th. (2), 153; Hutton, T.N.Z.I. xi. 319.

sinclairii, Baird. J.L.Soc. (Zool.) viii. 184; Hutton, T.N.Z.I. xi. 319. [Probably identical with preceding.]

giganteus, Kirk. T.N.Z.I. xi. 400; Thomson, P.Z.S. 1900, 974 = *Aphrodita squamosa*, Quatrefages.

mirabilis, McIntosh (*Macellicephala m.*) Challenger Reports, xii. 121.

Harmothoe, Kinberg, 1855.

macrolepidota, Schmarda (*Polynoe m.*). N.W.Th. (2), 155; Hutton, T.N.Z.I. xi. 318.

* This species does not fit into any of the present genera of Polynoidæ, though in some respects it resembles *Halosydna*, Kbg. '55.

- Harmothoe iphionoides**, McIntosh (*Eunoa i.*). Challenger Reports, xii. 69.
kermadecensis, McIntosh (*Lagisca? k.*) Challenger Reports, xii. 93.
magnipalpa, McIntosh (*Polynoe m.*). Challenger Reports, xii. 118.
 Sp. nov. innom. Benham MS.

Sub-family HERMIONINA.

- Aphrodita**, Linnæus.
talpa, Quatrefages. Hist. Nat. Annel. i. 196; Hutton, T.N.Z.I. xi. 318.
 Sp. nov. innom. Benham MS.
Lætmonice, Kinberg, 1855.
producta, Grube.
var. willemoesi, McIntosh. Challenger Reports, xii. 47.

Sub-family SIGALIONINA.

- Leanira**, Kinberg, 1855.
lævis, McIntosh. Challenger Reports, xii. 156.
Sthenelais, Kinberg, 1855.
semitecta, Ehlers MS.

Sub-family POLYLEPIDIA.

- Psammolyce**, Kinberg, 1855.
antipoda, Schmarda (*Pelogenia a.*). N.W.Th. (2), 160; Hutton, T.N.Z.I. xi. 319.

Family PHYLLODOCIDÆ.

- Phyllodoce**, Savigny, 1809.
sub-gen. Anaitis, Malmgren, 1865.
ochracea, Ehlers MS.
Eulalia, Savigny, 1809.
sub-gen. Eulalia.
microphylla, Schmarda. N. W. Th. (2), 86; Hutton, T.N.Z.I. xi. 323, = *E. caeca*, Quatrefages.
novæ-zealandiæ, Grube. J. B. Schles. Gesellsch. lvii. 210.
 Sp. nov. innom. Benham MS.
sub-gen. Eumida, Malmgren, 1865.
 Sp. nov. innom. Benham MS.
sub-gen. Pterocirrus, Claparède.
 Sp. nov. innom. Benham MS.

Family LYCORIDÆ.

- Nereis**, Lamarck, 1818.
pacifica, Schmarda (*Nereilepas p.*). N.W.Th. (2), 107; Hutton, T.N.Z.I. xi. 321. (Not *N. pacifica*, Quatrefages.)

- Nereis neozelanica**, Benham = *N. robusta*, Quatrefages. Hist. Nat. Annel. i. 544; Hutton, T.N.Z.I. xi. 321.
vallata, Grube = *N. latipalpa*, Schmarda. Ehlers, Polych. Magellan. Chil. Str. 110.
maghaelensis, Kinberg = *N. catoni*, McIntosh. Ehlers, Polych. Magellan. Chil. Str. 104.
australis, Schmarda (*Heteronereis a.*) N.W.Th. (2), 101; Hutton, T.N.Z.I. xi. 322.
 3 spp. nov. innom. Benham MS.

Family NEPHTHYDIDÆ.

- Nephtys**, Cuvier, 1817.
macroura, Schmarda. N.W.Th. (2), 91; Hutton, T.N.Z.I. xi. 321.
dibranchis, Grube. McIntosh, Challenger Reports, xii. 161.
verrilli, McIntosh. Challenger Reports, xii. 163. [? = *dibranchis*, Qr.—W. B. B.]
 Sp. nov. innom. Benham MS.

Family AMPHINOMIDÆ.

- Chlœia**, Savigny, 1809.
inermis, Quatrefages. Hist. Nat. Annel. i. 389; Hutton, T.N.Z.I. xi. 320.
spectabilis, Baird. J.L.S. x. 234; Hutton, T.N.Z.I. xi. 320.

Family EUNICIDÆ.

- Eunice**, Cuvier, 1817.
gaimardi, Valenciennes MS. Quatrefages, Hist. Nat. Annel. i. 321; Hutton, T.N.Z.I. xi. 320.
australis, Quatrefages. Hist. Nat. Annel. i. 321.
aphroditois, Pallas. Benham MS.
leuconuchalis, Benham. N.Z. Gov. Rep. on Experim. Trawling. 1900, 21.
 Sp. nov. innom. Benham MS.
Diopatra, Audouin and Edwards, 1833.
tenuisetis, McIntosh (*Nothria t.*). Challenger Reports, xii. 307.
 Sp. nov. innom. Benham MS.
Onuphis, Audouin and Edwards, 1833.
tubicola, Müller.
var. longibranchiata, McIntosh (*Hyalinocia t.*). Challenger Reports, xii. 337.
benthaliana, McIntosh (*Hyalinocia b.*). Challenger Reports, xii. 329.
minuta, McIntosh (*Nothria m.*). Challenger Reports, xii. 334.

- Nicidion**, Kinberg, 1864.
balfouriana, McIntosh. Challenger Reports, xii. 301.
- Marphysa**, Quatrefages, 1865.
corallina, Kinberg. Benham MS. Ehlers, Polych. Magellan.
 Chil. Strand. 134 (Chatham isl.).
depressa, Schmarda (*Eunice d.*). N.W.Th. (2), 126.
- Halla**, Costa, 1844.
 2 spp. nov. innom. Benham MS.
- Lumbriconereis**, Blainville, 1828.
sphærecephala, Schmarda (*Notocirrus s.*). N.W.Th. (2),
 116; Hutton, T.N.Z.I. xi. 320.
neozealanix, McIntosh. Challenger Reports, xii. 248.
- Arabella**, Grube, 1851.
 Sp. nov. innom. Benham MS.
- Stauronereis**, Verrill, 1900.
 2 spp. nov. innom. Benham MS.

Family GLYGERIDÆ.

- Glycera**, Savigny, 1820.
ovigera, Schmarda. N.W.Th. (2), 95; Hutton, T.N.Z.I.
 xi. 322.
lamelliformis, McIntosh. Challenger Reports, xii. 347.
 5 spp. nov. innom. Benham MS.
- Hemipodus**, Quatrefages, 1865.
simplex, Grube. Ann. Ersted. (*vide* Ehlers MS.).

Family GONIADIDÆ.

- Eone**, Malmgren, 1865.
trifida, McIntosh. Challenger Reports, xii. 341.

Family ARICIDÆ.

Gen. indet. Benham MS.

Order SPIONIFORMIA.

Family AMMOCHARIDÆ.

- Owenia**, Delle Chiaje, 1842.
 ? *fusiformis*, Delle Chiaje. Benham MS.

Family SPIONIDÆ.

Gen. indet. Benham MS.

Order TERESELLIFORMIA.

Family CIRRATULIDÆ.

- Audouinia**, Quatrefages, 1865.
anchylochætus, Schmarda (*Cirratulus a.*). N.W.Th. (2),
 58; Hutton, T.N.Z.I. xi. 323.

- Chætozone**, Malmgren, 1865.
pacifica, McIntosh. Challenger Reports, xii. 387.
- Timarete**, Kinberg, 1865.
fecunda, Kinberg. Ann. nova. 254 (*fide* Ehlers MS.).

Family TEREBELLIDÆ.

- Thelepus**, Leuckart, 1849.
plagiostoma, Schmarda (*Terebella p.*). N.W.Th. (2), 41,
 Hutton, T.N.Z.I. xi. 324.
- heterobranchia*, Schmarda (*Terebella h.*). N.W.Th. (2),
 42. [Probably synonymous with preceding.—W. B. B.]
- Nicolea**, Malmgren, 1865.
 Sp. nov. innom. Benham MS.
- Amphitrite**, Müller, 1771.
 3 spp. nov. innom. Benham MS.
- Lanice**, Malmgren, 1865.
 ? *conchilega*, Pallas. Benham MS.
- Leæna**, Malmgren, 1865.
neo-zealanica, McIntosh. Challenger Reports, xii. 460.
langerhansi, McIntosh. Challenger Reports, xii. 463.
- Lanassa**, Malmgren, 1865.
sarsi, McIntosh. Challenger Reports, xii. 436.
- Terebella**, Linnæus.
kermadecensis, McIntosh. Challenger Reports, xii. 446.
- Terebellides**, Sars, 1835.
 ? *stroemi*, Sars. McIntosh, Challenger Reports, xii. 481.

Family AMPHARETIDÆ.

- Melinna**, Malmgren, 1865.
armandi, McIntosh. Challenger Reports, xii. 439.

Family AMPHICTENIDÆ.

- Pectinaria**, Lamarck, 1812.
antipoda, Schmarda. M.W.T. (2), 46 (*fide* Ehlers MS.).

Order CAPITELLIFORMIA.

Family CAPITELLIDÆ.

Gen. indet. Benham MS.

Order SCOLECIFORMIA.

Family OPHELIIDÆ.

- Thoracophelia**, Ehlers, 1897.
 Sp. nov. innom. Benham M.S.

Travisia, Johnston, 1840.

Sp. nov. innom. Benham MS.

Family MALDANIDÆ.

Maldane, Grube, 1860.

Sp. nov. innom. Benham MS.

Axiothea, Malmgren, 1865.

insecta, Ehlers MS.

Maldanella, McIntosh, 1885.

neo-zealanæ, McIntosh. Challenger Reports, xii. 398.

Family TELETHUSIDÆ.

Arenicola, Lamarck, 1818.

assimilis, Ehlers.

var. affinis, Ashworth. Q.J.M.Sc. xvi. 737.

Family SCALIBREGMIDÆ.

Scalibregma, Rathke, 1843.

inflatum, Rathke. McIntosh, Challenger Reports, xii. 359.

Eumenia, Oersted, 1843.

reticulata, McIntosh. Challenger Reports, xii. 360.

Family CHLORÆMIDÆ.

Flabelligera, Sars, 1829.

bicolor, Schmarda (*Pherusa b.*). N.W.Th. (2), 21; Hutton, T.N.Z.I. xi. 324.

antarctica, Baird (*Siphonostomum a.*). J.L.S. xi. 95; Hutton, T.N.Z.I. xi. 324.

Stylarioides, (D. Chiaje), Claparède, 1868.

? parmatus, Grube. Benham MS.

Family STERNASPIDÆ.

Sternaspis, Otto, 1821.

princeps, Selenka. Challenger Reports, xiii. 6.

Order SABELLIFORMIA.

Family SABELLIDÆ.

Sabella, Savigny, 1809.

armata, Quatrefages. Hist. Nat. Annel. ii. 453; Hutton, T.N.Z.I. xi. 325.

grandis, Baird. J.L.S. xiii. 160; Hutton, T.N.Z.I. xi. 325.

ceratodaula, Schmarda. N.W.Th. (2), 33; Hutton, T.N.Z.I. xi. 325.

Branchiomma, (Kölliker) Claparède, 1868.

suspiciens, Ehlers MS.

* Family SERPULIDÆ.

Protula, Risso, 1826.

Sp. nov. innom. Benham MS.

Apomatus, Philippi, 1844.*elizabethæ*, McIntosh. Challenger Reports, xii. 514.**Pomatoceros**, Philippi, 1844.*strigiceps*, Mörch. McIntosh, Challenger Reports, xii. 520.*triqueter*, Mörch.**Eupomatus**, Philippi, 1844.*boltoni*, Baird. J.L.S. viii. 12; Hutton, T.N.Z.I. xi. 326.**Serpula**, Linnaeus.*zeylandica*, Baird. J.L.S. viii. 21; Hutton, T.N.Z.I. xi. 325.*antarctica*, Quatrefages. Hist. Nat. Annel. ii. 503; Hutton,

T.N.Z.I. xi. 325, suggests that it is synonymous with the preceding.

* **Vermilia**, Lamarck, 1818.*cœrulea*, Schmarda (*Placostegus c.*). N.W.Th. (2), 29.*carinifera*, Gray in Dieffenbach's New Zealand, ii. 242;

Hutton, T.N.Z.I. xi. 326, believes these to be synonymous.

greyi, Quatrefages. Hist. Nat. Annel. ii. 510; Hutton,

T.N.Z.I. xi. 326.

mahoria, Quatrefages. Hist. Nat. Annel. ii. 520; Hutton,

T.N.Z.I. xi. 326.

hombroni, Quatrefages. Hist. Nat. Annel. ii. 527; Hutton,

T.N.Z.I. xi. 327.

hystrix, Mörch. Quatrefages, Hist. Nat. Annel. ii. 534;

Hutton, T.N.Z.I. xi. 327.

Cymospira, Blainville, 1828.*incompleta*, Quatrefages. Hist. Nat. Annel. ii. 543; Hutton,

T.N.Z.I. xi. 327.

Spirorbis, Daudin, 1800.*zelandica*, Gray, in Dieffenbach's New Zealand, ii. 295;

Hutton, T.N.Z.I. xi. 327.

Order HERMELLIFORMIA.

Family HERMELLIDÆ.

Pallasia, Quatrefages, 1848.*quadricornis*, Schmarda (*Hermella q.*). N.W.Th. (2), 25;

Hutton, T.N.Z.I. xi. 324.

castelnaui, Grube. J. B. sches. Gesell. xlvii. 69.

Incertæ sedis. [? OPHELIDÆ.]

Oncoscolex, Schmarda, 1861.*homochætus*, Schmarda. N.W.Th. (2), 55.

* No attempt has been made to re-examine the Serpulids.

Class ECHIUROIDEA.

Family ECHIURIDÆ.

Echiurus. Guérin (? 1831).

novæ-zealandiæ. Dendy. T.N.Z.I. xxx. 323.

Class OLIGOCHÆTA.

[For additional species of this Class, see Appendix.]

Family MEGASCOLECIDÆ.

Sub-family ACANTHODRILINÆ.

Maoridrilus. Michaelsen, 1899 = *Acanthodrilus*, Perrier, in part.
uliginosus, Hutton, 1876. T.N.Z.I. ix. 351 = *Ac. novæ-zealandiæ*, Beddard, 1885. Benham, T.N.Z.I. xxxiii. 122.
 pl. v.: Beddard, 1895, Monogr. Oligoch. 534.

dissimilis, Beddard. P.Z.S. 1885. 813. pl. 52. 53.*rosæ*, Beddard. P.Z.S. 1889. 379.*smithi*, Beddard. P.Z.S. 1892. 975. pl. 46.*parkeri*, Beddard. Monogr. 1895. 534.*plumbeus*, Beddard. Monogr. 1895. 548.*tetragonurus*, Michaelsen, 1899. Zool. Jahrb. Syst. xii. 236.**Neodrilus**, Beddard, 1887.*monocystis*, Beddard. Benham. Q.J.M.S. 1892. xxxiii. 289. pl. 13.**Plagiochæta**, Benham, 1892.*sylvestris*, Hutton. *Megascolex* s., Hutton, T.N.Z.I. ix. 352;
 Benham, T.N.Z.I. 1898. xxxv. 278; *P. punctata*, Benham,
 Q.J.M.S. xxxiii. 294.*lineata*, Hutton. *Megascolex* L., Hutton, T.N.Z.I. ix. 352;
 Benham, T.N.Z.I. xxxv. 281.*montana*, Benham. T.N.Z.I. xxxv. 288.*ricardi*, Benham. T.N.Z.I. xxxv. 286.*rossii*, Benham. T.N.Z.I. xxxv. 284.[N.B.—Probably Baird's *Megascolex antarcticus*, 1873,
 belongs to this genus.]**Notiodrilus**, Michaelsen, 1899 = *Acanthodrilus*, Perrier, in part.
annectens, Beddard, 1888. Q.J.M.S. xxix. 102. pl. 12. 13;

Beddard, Monogr. 1895. 544.

paludosus, Beddard, 1892. P.Z.S. 677.*macquariensis*, Beddard, 1896. Benham, T.N.Z.I. xxxiii. 132. pl. 2.*haplocystis*, Benham, 1900. T.N.Z.I. xxxiii. 130. pl. 2.*aucklandicus*, Benham, 1902. T.N.Z.I. xxxv. 275.**Microscolex**, Rosa, 1887.*novæ-zealandiæ*, Beddard, 1894. Monogr. 463.*monticola*, Beddard, 1895. Monogr. 467.

Rhododrilus, Beddard, 1899.

minutus, Beddard. P.Z.S. 1889, 380; Monogr. 463.

huttoni, Benham, 1900. *Microscolex h.*, T.N.Z.I. xxxiii. 140, pl. 4.

Sub-family MEGASCOLECINÆ.

Pontodrilus, Perrier, 1874.

chathamianus, Michaelsen, 1899. *Chathamensis*, Benham, laps. cal., T.N.Z.I. 1900, xxxiii. 136, pl. 3.

Diporochæta, Beddard, 1890.

intermedia, Beddard. Q.J.M.S. xxx. 467, pl. 29; Monogr. 439.

chathamensis, Benham, 1900. T.N.Z.I. xxx. 134, pl. 3.

Sub-family OCTOCHÆTINÆ.

Octochætus, Beddard, 1893 = *Acanthodrilus*, Perrier, in part.

levis, Hutton, 1876. Benham, 1898, T.N.Z.I. xxxi. 160.

multiplus, Beddard, 1885. P.Z.S. 813, pl. 52, 53; Monogr. 526; Michaelsen, Tierr. 319.

antarcticus, Beddard, 1889. P.Z.S. 379; Monogr. 553.

thomasi, Beddard, 1892. P.Z.S. 671; Monogr. 552.

huttoni, Beddard, 1893. P.Z.S. 674; Monogr. 552.

Dinodrilus, Beddard, 1888.

benhami, Beddard. Q.J.M.S. 1888, xxix. 105, pl. 13; Monogr. 557.

Family ENCHYTRÆIDÆ.

Fridericia, Michaelsen, 1889.

galba, Hoffmeister, 1843 = *antarctica*, Beddard, 1895. Monogr. 349.

Henlea, Michaelsen, 1889.

ventriculosa, Udekem. Beddard, Monogr. 350.

Family HAPLOTAXIDÆ.

Pelodrilus, Beddard, 1891.

violaceus, Beddard, 1891. A.M.N.H. ser. 6, vii. 91; Monogr. 192.

Haplotaxis, Hoffmeister, 1843.

smithi, Beddard, 1888 = *Phreoryctes s.*, Beddard. A.M.N.H. ser. 6, i. 393, pl. 23; Monogr. 190.

Family PHREODRILIDÆ.

Phreodrilus, Beddard, 1891.

subterraneus, Beddard. A.M.N.H. 6, vii. 92; Monogr. 275.

Family TUBIFICIDÆ.

Tubifex, Lamarck, 1818.

tubifex, O. F. Müller, 1774 = *T. rivulorum*, Lamarck. Beddard, Monogr. 244 [? introduced].

- Limnodrilus**, Claparède, 1862.
novæ-zealandiæ, Beddard. Monogr. 247.
Sp. nov. innom. Beddard MS.

CLASS, MYZOSTOMIDA.

- Myzostoma**, Leuckart, 1827.
tenuispinum, Graff. Challenger Reports, x. 68.
willemcœsii, Graff. Challenger Reports, x. 71.
murrayi, Graff. Challenger Reports, x. 74.

CLASS, SIPUNCULACEA.

- Sipunculus**, Lamarck, 1818.
æneus, Baird. P.Z.S. 1868, 81; Hutton, T.N.Z.I. xi. 316.
?lutulentus, Hutton. T.N.Z.I. xii. 278.
Physcosoma, Selenka, 1897.
annulatum, Hutton (*Phascolosoma a.*). T.N.Z.I. xii. 278.
Phascolosoma, Leuckart, 1862.
huttoni, Benham MS. ? = *Sip. lutulentus*, Hutton.
Aspidosiphon, Grube, 1867.
suteri, Benham MS.

CLASS, HIRUDINEA.

Order RHYNCHOBDELLIDA.
Family ICHTHYOBDELLIDÆ.

- Branchellion**, Savigny, 1807.
rajæ, Parker. T.N.Z.I. xxiv. 714.

- Pontobdella**, Leach, 1815.
Sp. indet. Benham MS.

Family GLOSSIPHONIDÆ.

- Glossiphonia**, Johnson, 1816.
novæ-zealandiæ, Dendy and Olliver. T.N.Z.I. xxxiii. 99.

Order GNATHOBDELLIDA.
Family HIRUDINIDÆ.

- Hæmadipsa**, Tennent.
limbata, Grube. Moore, Proc. U.S. Mus. xxi. 543 (*Geobdella limbata*). [Probably attributed to N.Z. in error.]

PHYLUM, ECHINODERMATA.

CLASS, HOLOTHURIOIDEA.

Order ACTINOPODA.

Family ASPIDOCHIROTÆ.

Holothuria, Linnæus, 1758.

robsoni, Hutton (Sp. dub.). Dendy, J.L.S. Zool. xxvi. 48 ;
Ludwig, Hamburger Magalhaensische Sammelreise, Holo-
thurien, 7.

Stichopus, Brandt, 1835.

mollis, Hutton. Dendy, J.L.S. Zool. xxvi. 46 ; Ludwig,
Hamburger Magalhaensische Sammelreise, Holothurien, 7.

Mesothuria, Oestergren, 1896.

lactea, Théel = *Holothuria lactea*, Dendy, J.L.S. Zool. xxvi.
49. Oestergren, Zur Kenntniss der Subfamilie Synallectinæ
unter den Aspidochiroten, Upsala, 1896. (Festschrift für
Liljeborg.)

Family ELASIPODÆ.

Enypniastes, Théel, 1882.

eximia, Théel. Challenger Reports, iv. 56.

Pannychia, Théel, 1882.

moseleyi, Théel. Challenger Reports, iv. 88.

Family DENDROCHIROTÆ.

Cucumaria, Blainville, 1830.

alba, Hutton = *Colochirus alba*, Dendy, J.L.S. Zool. xxvi. 35.
Ludwig, Hamburger Magalhaensische Sammelreise, Holo-
thurien, 29.

ocnoides, Dendy = *Colochirus ocnoides*, Dendy, J.L.S. Zool.
xxvi. 36 ; *Ludwigia ocnoides*, Reiffen, Zeitschr. wiss. Zool.
lxix. 598.

huttoni, Dendy. J.L.S. Zool. xxvi. 32 ; Ludwig, Hamburger
Magalhaensische Sammelreise, Holothurien, 39.

thomsoni, Hutton (sp. dub.). Dendy, J.L.S. Zool. xxvi. 34.

turbinata, Hutton (sp. dub.). Dendy, J.L.S. Zool. xxvi. 34.

- Phyllophorus**, Grube, 1840 (Ludwig emend. 1887).
longidentis (Hutton) = *Thyonidium longidentis*, Dendy, J.L.S. Zool. xxvi. 42. Ludwig, Hamburger Magalhaensische Sammelreise, Holothurien, 49.
- Pseudopsolus**, Ludwig, 1898.
macquariensis, Dendy = *Psolus macquariensis*, Dendy, J.L.S. Zool. xxvi. 41. Ludwig, Hamburger Magalhaensische Sammelreise, Holothurien, 49.
- Colochirus**, Troschel, 1846.
brevidentis, Hutton. Dendy, J.L.S. Zool. xxvi. 40 ; Ludwig, Zool. Jahrb. Supp. iv. Heft 2, 1898, 442.
calcareus, Dendy (sp. dub.). J.L.S. Zool. xxvi. 38 ; Ludwig, Zool. Jahrb. Supp. iv. Heft 2, 1898, 442.

Family MOLPADIIDÆ.

- Caudina**, Stimpson, 1853.
coriacea, Hutton. Dendy, J.L.S. Zool. xxvi. 28, 456.
- Ankyroderma**, Danielssen and Koren, 1879.
marenzelleri, Théel. Challenger Reports, xiv. 41.
- Trochostoma**, Danielssen and Koren, 1877.
albicans, var. **glabrum**, Théel. Challenger Reports, xiv. 46.
violaceum, Studer. Théel, Challenger Reports, xiv. 42.

Order PARACTINOPODA.

Family SYNAPTIDÆ.

- Synapta**, Eschscholtz, 1829.
uncinata, Hutton. Dendy, J.L.S. Zool. xxvi. 25.
inæqualis, Hutton (sp. dub.). Dendy, J.L.S. Zool. xxvi. 26.
- Trochodota**, Ludwig, 1891.
dunedinensis, Parker = *Chirodota dunedinensis*, Dendy, J.L.S. Zool. xxvi. 26 ; Ludwig, Hamburger Magalhaensische Sammelreise, Holothurien, 87.

CLASS, ECHINOIDEA.

Order SPATANGOIDEA.

Family SPATANGIDÆ.

- Pourtalesia**, Agassiz, 1869.
laguncula, Agassiz. Farquhar, P.L.S.N.S.W. xxiii. 322.
- Echinocardium**, Gray, 1825.
australe, Gray. Farquhar, P.L.S.N.S.W. xxiii. 322.
- Brissiopsis**, Agassiz, 1840.
luzonica, Gray. Farquhar, P.L.S.N.S.W. xxiii. 322.

Family CASSIDULIDÆ.

- Echinobrissus*, Breyn, 1732.
recens, Milne-Edwards. Farquhar, P.L.S.N.S.W. xxiii. 321.

Order CLYPEASTRIDEA.

Family SCUTELLIDÆ.

- Arachnoides*, Klein, 1734.
placenta, Linnæus. Farquhar, P.L.S.N.S.W. xxiii. 321.

Order REGULARIA.

Family CIDARIDÆ.

- Goniocidaris*, Des , 1846.
umbulacrum, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 316.

Family SALENIDÆ.

- Salenia*, Gray, 1825.
hastigera, Agassiz. Challenger Reports, iii. 54.

Family DIAEMATIDÆ.

- Aspidodiadema*, Agassiz, 1879.
tonsum, Agassiz. Challenger Reports, iii. 66.

Family ECHINOTHURIDÆ.

- Asthenosoma*, Grube, 1869.
gracile, Agassiz. Farquhar, P.L.S.N.S.W. xxiii. 317.
Phormosoma, Thomson, 1874.
rigidum, Agassiz. Farquhar, P.L.S.N.S.W. xxiii. 317.

Family ECHINOMETRIDÆ.

- Echinometra*, Rondel, 1554.
lucunter, Leske. Agassiz, Challenger Reports, iii. 105.
Strongylocentrotus, Brandt, 1835.
tuberculatus, Lamarck. Farquhar, P.L.S.N.S.W. xxiii. 317.

Family ECHINIDÆ.

- Temnopleurus*, Agassiz, 1841.
reynaudi, Agassiz. Farquhar, P.L.S.N.S.W. xxiii. 318.
Trigonocidaris, Agassiz, 1869.
monolini, Agassiz. Challenger Reports, iii. 111.
Salmacis, Agassiz, 1841.
globator, Agassiz. Farquhar, P.L.S.N.S.W. xxiii. 318.
Amblypneustes, Agassiz, 1841.
formosus, Valenciennes. Farquhar, P.L.S.N.S.W. xxiii. 318.
griseus, Blainville. Farquhar, P.L.S.N.S.W. xxxiii. 319.

- Echinus**, Rondel, 1554.
angulosus, Klein. Farquhar, P.L.S.N.S.W. xxiii. 319.
magellanicus, Phillipi. Farquhar, P.L.S.N.S.W. xxiii. 320.
- Evechinus**, Verrill, 1846.
chloroticus, Valenciennes. Farquhar, P.L.S.N.S.W. xxiii. 320.
- Tripneustes**, Agassiz, 1841.
variegatus, Klein. (Kermadecs),

CLASS, OPHIUROIDEA.

Order OPHIURIDA.

Family OPHIURIDÆ.

- Pectinura**, Forbes, 1842.
maculata, Verrill. Farquhar, P.L.S.N.S.W. xxiii. 306.
- Ophiopeza**, Pet., 1851.
cylindrica, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 306.
danbyi,
- Ophioplocus**, Lyman, 1861.
huttoni, Farquhar. P.L.S.N.S.W. xxiv. 187.
- Ophioglypha**, Lyman, 1860.
rugosa, Lyman. Farquhar, P.L.S.N.S.W. xxiii. 306.
ornata, Lyman. Challenger Reports, v. 61.
- Ophioceramis**, Lyman, 1865.
clausa, Lyman. Challenger Reports, v. 26.
obstricta, Lyman. Challenger Reports, v. 26.
- Ophiocten**, Lütken, 1854.
hastatum, Lyman. Farquhar, P.L.S.N.S.W. xxiii. 307.
- Ophiomusium**, Lyman, 1869.
lymani, Thomson. Farquhar, P.L.S.N.S.W. xxiii. 306.
scalare, Lyman. Challenger Reports, v. 95.
- Ophiozona**, Lyman, 1865.
stellata, Lyman. Farquhar, P.L.S.N.S.W. xxiii. 307.
- Ophiomastus**, Lyman, 1878.
tegulitius, Lyman. Farquhar, P.L.S.N.S.W. xxiii. 307.
- Ophiophyllum**, Lyman, 1878.
petilum, Lyman. Challenger Reports, v. 102.
- Ophiactis**, Lütken, 1856.
flexuosa, Lyman. Challenger Reports, v. 116.
cuspidata, Lyman. Challenger Reports, v. 117.
nama, Lyman. Challenger Reports, v. 117.
nigrescens, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 307.

- Ophionereis**, Lütken, 1859.
schayeri, Muller and Troschel. Farquhar, P.L.S.N.S.W. xxxiii. 307.
- Amphiura**, Forbes, 1842.
argentea, Lyman. Challenger Reports, v. 129.
lanceolata, Lyman. Farquhar, P.L.S.N.S.W. xxiii. 308.
canescens, Lyman. Challenger Reports, v. 140.
rosea, Farquhar. P.L.S.N.S.W. xxiii. 308.
pusilla, Farquhar. P.L.S.N.S.W. xxiii. 308.
elegans, Leach. Farquhar, P.L.S.N.S.W. xxiii. 308.
parva, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 308.
aster, Farquhar. T.N.Z.I. xxxiii. 250.
- Ophiochiton**, Lyman, 1878.
lentus, Lyman. Challenger Reports, v. 177.
- Ophiacantha**, Müller and Troschel, 1842.
vepratica, Lyman. Challenger Reports, v. 182.
cornuta, Lyman. Challenger Reports, v. 193.
- Ophiomitra**, Lyman, 1869.
plicata, Lyman. Challenger Reports, v. 203.
- Ophiopteris**, Smith, 1877.
antipodum, Smith. Farquhar, P.L.S.N.S.W. xxiii. 308.
- Ophiomyxa**, Müller and Troschel, 1842.
australis, Lütken. Farquhar, P.L.S.N.S.W. xxiii. 309.

Order EURYALIDA.

Family ASTROPHYTIDÆ.

- Astrochema**, Örst. and Lutken, 1856.
horridum, Lyman. Challenger Reports, v. 275.
salix, Lyman. Challenger Reports, v. 277.
- Ophiocreas**, Lyman, 1869.
constrictus, Farquhar. T.N.Z.I. xxxii. 405.

CLASS, CRINOIDEA.

Order ARTICULATA.

Family COMATULIDÆ.

- Antedon**, De Fréminville, 1811.
incerta, Carpenter. Challenger Reports, xxvi. 106.
breviradia, Carpenter. Challenger Reports, xxvi. 110.
echinata, Carpenter. Challenger Reports, xxvi. 119.
basicurva, Carpenter. Challenger Reports, xxvi. 120.
incisa, Carpenter. Challenger Reports, xxvi. 124.
alternata, Carpenter. Challenger Reports, xxvi. 179.
inæqualis, Carpenter. Challenger Reports, xxvi. 244.

Endiocrinus, Carpenter, 1882.
semperi, Carpenter. Challenger Reports, xxvi. 82.

Family PENTACRINIDÆ.

Metacrinus, Carpenter, 1884.
varians, Carpenter. Challenger Reports, xi. 353.
wyvillei, Carpenter. Challenger Reports, xi. 358.
nodosus, Carpenter. Challenger Reports, xi. 364.

Pentacrinus, Miller, 1821.
alternicirrus, Carpenter. Challenger Reports, xi. 321.
naresianus, Carpenter. Challenger Reports, xi. 324.

CLASS, ASTEROIDEA.

Order PHANEROZONIA.

Family ASTROPECTENIDÆ.

Astropecten, Linck, 1733.
edwardsi, Verrill. Farquhar, P.L.S.N.S.W. xxiii. 309.
polycanthus, Müller and Troschel. Farquhar, P.L.S.N.S.W.
 xxiii. 309.

Psilaster, Sladen, 1885.
acuminatus, Sladen. Challenger Reports, xxx. 225.

Family PENTAGONASTERIDÆ.

Astrogonium, Müller and Troschel, 1842.
pulchellum, Gray. Farquhar, P.L.S.N.S.W. xxiii. 310.
abnormale, Gray. Farquhar, P.L.S.N.S.W. xxiii. 310.

Gnathaster, Sladen, 1889.
miliaris, Gray. Farquhar, P.L.S.N.S.W. xxiii. 310.
rugosus, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 311.

Goniodon, Perrier.
dilatatus, Perrier. Farquhar, P.L.S.N.S.W. xxiii. 311; Loriol,
 Notes pour servir à l'étude des Echinodermes, 1901, 43.

Family GYMNASTERIDÆ.

Asterospis.
imperialis, Farquhar.

Family ASTERINIDÆ.

Asterina, Nardo, 1834.
regularis, Verrill. Farquhar, P.L.S.N.S.W. xxiii. 312.
novæ-zealandiæ, Perrier. Farquhar, P.L.S.N.S.W. xxiii.
 312.

Stegnaster, Sladen.
inflatus, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 312.

ECHINODERMATA.

Order CRYPTOZONIA.

Family STICHASTERIDÆ.

Stichaster, Müller and Troschel, 1840.*australis*, Verrill. Farquhar, P.L.S.N.S.W. xxiii. 313.*polyplax*, Müller and Troschel. Farquhar, P.L.S.N.S.W. xxiii. 313.*suteri*, Loriol. Farquhar, P.L.S.N.S.W. xxiii. 313.*var. lævigatus*, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 313.*insignis*, Farquhar. P.L.S.N.S.W. xxiii. 314.

Family LINCKIIDÆ.

Ophidiaster, Agassiz, 1835.*cylindricus*. Sladen, Challenger Reports, xxx. 403.

Family SOLASTERIDÆ.

Solaster, Forbes, 1839.*torulatus*, Sladen. Challenger Reports, xxx. 457.

Family ECHINASTERIDÆ.

Cribrella, Agassiz, 1834.*ornata*, Perrier. Farquhar, P.L.S.N.S.W. xxiii. 314.*compacta*, Sladen. Farquhar, P.L.S.N.S.W. xxiii. 314.*sufflata*, Sladen. Challenger Reports, xxx. 549.*lukinsii*, Farquhar. T.N.Z.I. xxx. 190.**Echinaster**, Gray, 1840.*purpureus*, Gray. Farquhar, P.L.S.N.S.W. xxiii. 314.

Family BRISINGIDÆ.

Freyella, Perrier, 1885.*polycnema*, Sladen. Challenger Reports, xxx. 621.

Family ASTERIIDÆ.

Asterias, Linnæus, 1748.*calamaria*, Gray. Farquhar, P.L.S.N.S.W. xxiii. 315.*scabra*, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 315.*mollis*, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 316.*fragilis*, Sladen. Farquhar, P.L.S.N.S.W. xxiii. 316.*rodolphi*, Perrier.**Uniofera**, Gray, 1840.*granifera*, Lamarck. Farquhar, P.L.S.N.S.W. xxiii. 316.

PHYLUM, MOLLUSCOIDA.

CLASS, BRACHIOPODA.

Order ARTICULATA.

Family TEREBRATULIDÆ.

- Magellania**,
 lenticularis, Deshayes. Hutton, Man. N.Z. Moll. 176
 (*Waldheimia*).
- Terebratella**, D'Orbigny, 1847.
 sanguinea, Leach = *cruenta*, Dillwyn. Hutton, Man. N.Z.
 Moll. 176.
 rubicunda, Solander. Hutton, Man. N.Z. Moll. 177.
- Terebratulina**, d'Orbigny, 1847.
 murrayi, Davidson. Challenger Reports, i. 39.

Family RHYNCHONELLIDÆ.

- Rhynchonella**, Fischer, 1809.
 nigricans, Sowerby. Hutton, Man. N.Z. Moll. 178.

CLASS, POLYZOA.

Sub-class ENDOPROCTA.

Order

Family

- Pedicellinopsis**, Hincks.
 gracilis, Sars. Hilgendorf, T.N.Z.I. xxx. 218.

Sub-class ECTOPROCTA.

Order PHYLACTOLEMATA.

Family

- Plumatella**, Lamarck, 1816.
 aplinii, MacGillivray (?). Hutton, Man. N.Z. Moll. 1880, 179.
 repens, Allman. Hamilton, T.N.Z.I. xii. 302.

Order GYMNOLEMATA.

Sub-order CTENOSTOMATA.

Family HALCYONELLIDÆ.

- Flustrella**, Ehrenberg, 1838.
 binderi, Harvey. Hutton, T.N.Z.I. xxiii. 107.

Family VESICULARINIDÆ.

Amathia, Lamouroux, 1812.*swainsoni*, Hutton. Cat. Marine Moll. N.Z. 91 (*Beania*).

Sub-order CHEILOSTOMATA.

Division STOLONATA.

Family ÆTEIDÆ.

Ætea, Lamouroux, 1812.*dilatata*, Busk. Cat. Pol. Brit. Mus. i. 31.

Family EUCRATEADÆ.

Hippothoa, Lamouroux, 1821.*flagellum*, Manzoni. Hutton, T.N.Z.I. xxiii. 106.*divaricata*, Lamouroux. Hamilton, T.N.Z.I. xxx. 196.

Division RADICELLATA.

Family CATENARIADÆ.

Catenicella, Blainville, 1830.*ventricosa*, Busk. Cat. Pol. Brit. Mus. i. 7.*hastata*, Busk. Cat. Pol. Brit. Mus. i. 7 (*C. bicuspis*, Gray).*cribraria*, Busk. Cat. Pol. Brit. Mus. i. 9.*perforata*, Busk. Cat. Pol. Brit. Mus. i. 9.*ringens*, Busk. Cat. Pol. Brit. Mus. i. 10.*elegans*, Busk. Cat. Pol. Brit. Mus. i. 10.*cornuta*, Busk. Cat. Pol. Brit. Mus. i. 11.*carinata*, Busk. Cat. Pol. Brit. Mus. i. 12.*scutella*, Hutton. T.N.Z.I. xxiii. 103.*alata*, Wyville Thomson. Hamilton, T.N.Z.I. xxx. 199.*crystallina*, Wyville Thomson. Nat. Hist. Rev. 1858.**Claviporella**,*geminata*, Wyville Thomson. MacGillivray, Cat. Vict. Pol. 12.*aurita*, MacGillivray. Cat. Vic. Pol. 12.

Family CELLULARIADÆ.

Cellularia, Pallas, 1760.*cuspidata*, Busk. Hutton, T.N.Z.I. xxiii. 103.**Menipea**, Lamouroux, 1812.*cirrata*, Lamouroux. Busk, Cat. Pol. Brit. Mus. i. 21.*buskii*, Wyville Thomson. Nat. Hist. Review, 1858.*crystallina*, Gray. In Dieffenbach's N.Z. ii. 293 (*Emma*).*tricellata*, Busk. Cat. Pol. Brit. Mus. i. 28 (*Emma*).*patagonica*, Busk. Cat. Pol. Brit. Mus. i. 22.**Scrupocellaria**, Van Beneden, 1845.*scrupea*, Busk. Cat. Pol. Brit. Mus. i. 24.**Caberea**, Lamouroux, 1816.*texta*, Lamarck. Hutton, T.N.Z.I. xxiii. 103.

- Caberea lyallii**, Busk. Hutton, T.N.Z.I. xxiii. 103.
rostrata, Busk. Hutton, T.N.Z.I. xxiii. 103.
boryi, Audouin. Hamilton, T.N.Z.I. xxx. 194.

Family BICELLARIAE.

- Bicellaria**, Blainville, 1830.
tuba, Busk. Cat. Pol. Brit. Mus. i. 42.
Bugula, Oken, 1835.
neritina, Linnæus. Busk, Cat. Pol. Brit. Mus. i. 44.
dentata, Lamouroux. Busk, Cat. Pol. Brit. Mus. i. 46.
prismatica, Gray. Dieffenbach's N.Z. ii. 292.
johnstonii, Gray. Dieffenbach's N.Z. ii. 292 (*Halophila*).
avicularia, Linnæus. Hutton, T.N.Z.I. xxiii. 103.

Family GEMELLARIAE.

- Dimetopia**, Busk, 1851.
spicata, Busk. Cat. Pol. Brit. Mus. i. 35.
cornuta, Busk. Cat. Pol. Brit. Mus. i. 35.

Family FARCIMINARIAE.

- Farciminaria**, Busk, 1852.
aculeata, Busk. Cat. Pol. Brit. Mus. i. 33.
blainvillii, Lamouroux. Hutton, T.N.Z.I. xxiii. 104.

Family FLUSTRIDÆ.

- Flustra**, Linnæus, 1745.
episcopalis, Busk. Cat. Pol. Brit. Mus. i. 52 (*Carbasea*).
indivisa, Busk. Cat. Pol. Brit. Mus. i. 53 (*Carbasea*).
var. cyathyformis, MacGillivray. Trans. Phil. i. Vic.
 1859, 97.
Carbasea, Gray, 1848.
moselyi, Busk. Challenger Reports, x. 56.

- Diachoris**, Busk, 1851.
elongata, Hincks. A.M.N.H. 5, xv. 244.
bilaminata, Hincks. A.M.N.H. 5, vii. 44.
intermedia, Hincks. A.M.N.H. 5, viii. 74.
magellanica, Busk. Cat. Pol. Brit. Mus. i. 54.
inermis, Busk. Cat. Pol. Brit. Mus. i. 54.
spinigera, MacGillivray. Cat. Vict. Pol. 17.

Family MEMBRANIPORIDÆ.

- Membranipora**, Blainville, 1830.
membranacea, Linnæus. Busk, Cat. Pol. Brit. Mus. ii. 56.
pilosa, Linnæus. Busk, Cat. Pol. Brit. Mus. ii. 56.
lineata, Linnæus. Busk, Cat. Pol. Brit. Mus. ii. 58.
spinosa, Quoy and Gaimard. Hutton, T.N.Z.I. xxiii. 104.
trifolium, Wood. Hutton, T.N.Z.I. xxiii. 104.

- Membranipora roborata**, Hincks. Hutton, T.N.Z.I. xxiii. 104.
solidula, Hincks. Hutton, T.N.Z.I. xxiii. 104.
valdemuniata, Hincks. Hutton, T.N.Z.I. xxiii. 104.
hians, Hincks. Hutton, T.N.Z.I. xxiii. 104.
pura, Hincks. Hutton, T.N.Z.I. xxiii. 104.
acuta, Hincks. Hutton, T.N.Z.I. xxiii. 104.
brunnea, Hutton. T.N.Z.I. xxiii. 104.
maorica, Stoliczka. Hutton, T.N.Z.I. xxiii. 104.
serrata, McGillivray. Hamilton, T.N.Z.I. xxx. 195.

Family MICROPORIDÆ.

Micropora, Gray, 1848.

- lepida**, Hincks. Hutton, T.N.Z.I. xxiii. 105.
elongata, Hincks. Hutton, T.N.Z.I. xxiii. 105.

Steganoporella, Hincks, 1879.

- neozelanica**, Busk. Q.J.M.S. n.s. i. 155 (*Vincularia*);
 Harmer, Q.J.M.S. xliii. 259.

Family SALICORNARIADÆ.

Cellaria, Ellis, 1754.

- malvinensis**, Busk. Cat. Pol. Brit. Mus. i. 19.
setigera, Desmarest. Hutton, T.N.Z.I. xxiii. 103.

Family TUBUCELLARIADÆ.

Tubucellaria, d'Orbigny, 1851.

- hirsuta**, Lamouroux. Hutton, T.N.Z.I. xxiii. 103.

Family ONCHOPORIDÆ.

Calwellia, Thomson, 1859.

- bicornis**, Wyville Thomson. Nat. Hist. Rev. 1858, i. 91.

Family RETEPORIDÆ.

Retepora, Lamarck, 1801.

- fissa**, McGillivray. Waters, A.M.N.H. 6, iv. 18.
novæ-zealandiæ, Waters. J.L.S. xxv. 270.
monilifera, *forma munita*, Hincks. T.R.S.Vict. xx. 108.
avicularis, McGillivray. Hamilton, T.N.Z.I. xxx. 196.

Family CRIBRILINIDÆ.

Cribrilina, Gray, 1848.

- monoceros**, Busk. Challenger Reports, x. 133.
figularis, Johnston. Hamilton, T.N.Z.I. xxx. 196.
radiata, Moll. Busk, Challenger Reports, x. 131.

Family MICROPORELLIDÆ.

Microporella, Hincks.

- ciliata**, Pallas. Hutton, T.N.Z.I. xxiii. 105.

- Microporella decorata**, *var. angustipora*, Hincks. A.M.N.H. 5, xv. 249.
malusii, Audouin. Busk, Cat. Pol. Brit. Mus. ii. 83.
var. disjuncta, Hincks. A.M.N.H. 5, xv. 249.
yarraensis, Waters. Hutton, T.N.Z.I. xxiii. 105.
pellucida, Hutton. Cat. Marine Moll. N.Z. 97.
coscinophora, *var. mucromata*, McGillivray. Hamilton, T.N.Z.I. xxx. 195.

Family ESCHARIDÆ.

- Lepralia**, Johnston, 1838.
lyallii, Busk. Cat. Pol. Brit. Mus. ii. 75.
cincta, Hincks. A.M.N.H. 5, xv. 254.
foraminigera, Hincks. A.M.N.H. 5, xi. 109.
poissonii, Audouin. Hincks. A.M.N.H. 5, viii. 63.
rectilineata, Hincks. A.M.N.H. 5, xi. 110.
flexuosa, Hutton. Cat. Marine Moll. N.Z. 99 (*Eschara j.*).
pallasiana, Moll. Hincks, Brit. Mar. Pol. 297.

- Chorizopora**, Hincks.
brongniartii, Audouin. Hamilton, T.N.Z.I. xxx. 195.

- Porella**, Gray, 1848.
malleolus, Hincks. A.M.N.H. 5, xiii. 361.

- Smittia**, Hincks, 1879.
napierii, Waters. A.M.N.H. 6, iv. 17.
unispinosa, Waters. A.M.N.H. 6, iv. 15.
trispinosa, Johnston. Hincks, Brit. Marine Pol. 353.
reticulata, McGillivray. A.M.N.H. 1, ix. 467.

- Mucronella**, Hincks, 1877.
præstans, Hincks. Hutton, T.N.Z.I. xxiii. 105.
bi-incisa, *var. bicuspis*, Hincks. A.M.N.H. 5, xi. 110.
diaphana, *var. armata*, Hincks. A.M.N.H. 5, ix. 98.
tricuspis, Hincks. A.M.N.H. 5, viii. 66.
variolosa, Johnston. Busk, Cat. Pol. Brit. Mus. ii. 75.
peachii, *var. octodentata*, Hincks. Brit. Marine Pol. 361.

- Membraponella**,
nitida, Johnston. Busk, Cat. Pol. Brit. Mus. ii. 76.

- Monoporella**,
crustatina, Waters. Hutton, T.N.Z.I. xxiii. 104.
disjuncta, Manzoni. Hutton, T.N.Z.I. xxiii. 104.

- Schizoporella**, Hincks, 1877.
hyalina, Linnæus. Hutton, T.N.Z.I. xxiii. 106.
var. cornuta, Busk. Hutton, T.N.Z.I. xxiii. 106.
areolata, Busk. Cat. Pol. Brit. Mus. ii. 82.
marsupifera, Busk. Challenger Reports, x. 165.

Schizoporella biaperta, Michelin. Hincks, Brit. Marine Pol. 255.

biserialis, Hincks. A.M.N.H. 5, xv. 250.

cinctipora, Hincks. A.M.N.H. 5, xi. 109.

var. personata, Waters. Q.J.Geol.S. xliii. 167.

cribrilifera, Hincks. A.M.N.H. 5, xv. 250.

spectabilis, Hincks. A.M.N.H. 6, vii. 292.

sinuosa, *var. armata*, Hincks. Brit. Marine Pol. 267.

conservata, Waters. Hincks, A.M.N.H. 5, x. 165.

auriculata, Hassall. A.M.N.H. i. ix. 411.

Haswellia, Busk, 1884.

auriculata, Busk. Challenger Reports, x. 173.

Rhynchopora, Hincks, 1877.

bispinosa, Johnston. Hincks, Brit. Marine Pol. 385.

Family ADEONEÆ.

Adeonellopsis,

parvipunctata, McGillivray. Hamilton, T.N.Z.I. xxx. 196.

Family CELLEPORIDÆ.

Cellepora, Gmelin, 1789.

coronopus, Wood. Hutton, T.N.Z.I. xxiii. 106.

bispinata, Busk. Cat. Pol. Brit. Mus. ii. 87.

mamillata, Busk. Cat. Pol. Brit. Mus. ii. 87.

pustulata, Busk. Challenger Reports, x. 200.

ampliata, Hutton. Cat. Marine Moll. N.Z. 99.

agglutinans, Hutton. Cat. Marine Moll. N.Z. 99.

Sub-order CYCLOSTOMATA.

Family CRISIADÆ.

Crisia, Lamouroux, 1812.

denticulata, *var. patagonica*, D'Orbigny. Busk, Cat. Pol. Brit. Mus. iii. 8.

edwardsiana, D'Orbigny. Busk, Cat. Pol. Brit. Mus. iii. 5.

Family IDMONEIDÆ.

Idmonea, Lamouroux, 1821.

milneana, D'Orbigny. *I. giebeliana*, Stoliczka, Reise der Novara, 115.

radians, Lamarck. Busk, Cat. Pol. Brit. Mus. iii. 11.

ramosa, D'Orbigny. Waters, Q.J.G.S. xliii. 339.

serpens, Linnæus. Hutton, T.N.Z.I. xxiii. 107.

Crisina,

hochstetteriana, Stoliczka. Reise der Novara, Palæ. 113 (*Idmonea*).

Entalophora, Lamouroux, 1821.

raripora, D'Orbigny. *E. haastiana*, Stoliczka, Reise der Novara, Palæ. 102.

intricaria, Busk. Cat. Pol. Brit. Mus. iii. 22.

purpurascens, Hutton. T.N.Z.I. ix. 361 (*Pustulipora*).

Cinctipora, Hutton, 1873.

elegans, Cat. Marine Moll. N.Z. 103.

Hornera, Lamouroux, 1821.

foliacea, McGillivray. Hutton, T.N.Z.I. xxiii. 107.

striata, Stoliczka. Reise der Novara, Palæ. 107.

frondiculata, Lamouroux. Hamilton, T.N.Z.I. xxx. 197.

Family TUBULIPORIDÆ.

Tubulipora, Lamarck, 1816.

biduplicata, Waters. Q.J.G.S. xliii. 343.

glomerata, Hutton. Cat. Marine Moll. N.Z. 103.

Stromatopora, Blainville, 1830.

racemosa, Hutton. Cat. Marine Moll. N.Z. 103 (*Alecto*).

major, Johnston. Hamilton, T.N.Z.I. xxx. 197.

Family DIASTOPORIDÆ.

Diastopora, Lamouroux, 1821.

patina, Lamarck. Hutton, T.N.Z.I. xxiii. 107.

perangulata, Waters. Q.J.G.S. xliii. 343.

sarniensis, Norman. A.M.N.H. 3, xiii. 89.

suborbicularis, Hincks. Brit. Marine Pol. 464.

Family LICHENOPORIDÆ.

Lichenopora, DeFrance, 1823.

holdsworthii, Busk. Hutton, T.N.Z.I. xxiii. 107.

neozelanica, Busk. Cat. Pol. Brit. Mus. iii. 32 (*Discoporella*).

clypeiformis, D'Orbigny. Hamilton, T.N.Z.I. xxx. 197.

pristis, McGillivray. Cat. Vict. Pol. 336.

Defranchia, Bronn, 1835.

dentata, Hutton. Cat. Marine Moll. N.Z. 199.

Family FRONDIPORIDÆ.

Supercystis, D'Orbigny.

digitata, D'Orbigny. Busk, Cat. Pol. Brit. Mus. iii. 37
(*Fasciculipora*).

Family HETEROPORIDÆ.

Heteropora, Blainville, 1830.

pelliculata, Waters. Hutton, T.N.Z.I. xxiii. 107.

PHYLUM, TROCHELMINTHES.

CLASS, ROTIFERA.

Order RHIZOTA.

Family FLOSCULARIDÆ.

Floscularia, Oken, 1815.

- coronetta*, Cubitt. Hudson and Gosse, *The Rotifera*, i. 49.
ornata, Ehrenberg. Hudson and Gosse, *The Rotifera*, i. 50.
ambigua, Hudson. Hudson and Gosse, *The Rotifera*, i. 53.

Family MELICERTADÆ.

Melicerta, Schrank, 1803.

- ringens*, Schrank. Hudson and Gosse, *The Rotifera*, i. 70.

Order BDELLOIDA.

Family PHILODINADÆ.

Philodina, Ehrenberg, 1830.

- erythrophthalma*, Ehrenberg. Hudson and Gosse, *The Rotifera*, i. 99.
roseola, Ehrenberg. Hudson and Gosse, *The Rotifera*, i. 99.
megalotrocha, Ehrenberg. Hudson and Gosse, *The Rotifera*, i. 101.
microps, Gosse. Hudson and Gosse, *The Rotifera*, Supplement, 8.

Rotifer, Cuvier, 1798.

- vulgaris*, Schrank. Hudson and Gosse, *The Rotifera*, i. 104.
macrurus, Schrank. Hudson and Gosse, *The Rotifera*, i. 107.

Callidina, Ehrenberg, 1830.

- bihamata*, Gosse. Hudson and Gosse, *The Rotifera*, i. 111.
quadridens, Hilgendorf. T.N.Z.I. xxxi. 113.
venusta, Bryce.

Order PLOIMA.

Sub-order ILLORICATA.

Family HYDATINADÆ.

Notops, Hudson, 1886.

- minor*, Rousselet. Quekett Jour. Jan. 1892 = *Postclausa circularis* and *minuta*, Hilgendorf, T.N.Z.I. xxxi. 125-6.

- Hydatina**, Ehrenberg, 1830.
senta, Ehrenberg. Hudson and Gosse, *The Rotifera*, ii. 9.
- Family NOTOMMATADÆ.
- Notommata**, Ehrenberg, 1830.
tripus, Ehrenberg. Hudson and Gosse, *The Rotifera*, ii. 22.
pentophthalma, Hilgendorf. T.N.Z.I. xxxi. 116.
- Proales**, Gosse, 1886.
decipiens, Ehrenberg. Hudson and Gosse, *The Rotifera*,
 ii. 36.
- Diglena**, Ehrenberg, 1830.
forcipata, Ehrenberg. Hudson and Gosse, *The Rotifera*,
 ii. 36.
- Eosophora**, Ehrenberg, 1830.
aurita, Ehrenberg. Hudson and Gosse, *The Rotifera*, ii. 47.

Sub-order LORICATA.

Family RATTULIDÆ.

- Mastigocerca**, Ehrenberg, 1830.
lophoessa, Gosse. Hudson and Gosse, *The Rotifera*, ii. 60.
 = *M. rectocaudatus*, Hilgendorf, T.N.Z.I. xxxi. 120.
- Rattulus**, Ehrenberg, 1830.
tigris, Muller. Hudson and Gosse, *The Rotifera*, ii. 65.
cimolius, Gosse. Hudson and Gosse, *The Rotifera*, ii. 65.
weberi, Jennings.
- Cœlopus**, Gosse, 1886.
tenuior, Gosse. Hudson and Gosse, *The Rotifera*, ii. 68.
 = *Mastigocerca flectocaudatus*, Hilgendorf, T.N.Z.I. xxxi. 119.
brachyurus, Gosse. Hudson and Gosse, *The Rotifera*, ii. 69.

Family DINOCHARIDÆ.

- Dinocharis**, Ehrenberg, 1830.
inornata, Hilgendorf. T.N.Z.I. xxxi. 121.

Family SALPINADÆ.

- Diaschiza**, Gosse, 1886.
tenuior, Gosse. Hudson and Gosse, *The Rotifera*, ii. 81.
 = *D. taurocephalus*, Hilgendorf, T.N.Z.I. xxxi. 123.
semiaperta, Gosse. Hudson and Gosse, *The Rotifera*, ii. 80.
paeta, Gosse. Hudson and Gosse, *The Rotifera*, ii. 79.
ventripes, Dixon-Nuttall.

Family EUCHLANIDÆ.

- Euchlanis**, Ehrenberg, 1830.
dilatata, Ehrenberg. Hudson and Gosse, *The Rotifera*, ii. 90.

Cathypna, Gosse, 1886.
hudsoni, Lord.

Monostyla, Ehrenberg, 1830.
cornuta, Ehrenberg. Hudson and Gosse, *The Rotifera*, ii. 98.
lunaris, Ehrenberg. Hudson and Gosse, *The Rotifera*, ii. 98.

Family COLURIDÆ.

Coluris, Ehrenberg, 1830.
amblytelus or *caudatus* (or both), Ehrenberg. Hudson and Gosse, *The Rotifera*, ii. 104.

Metopidia, Ehrenberg, 1830.
solidus, Gosse. Hudson and Gosse, *The Rotifera*, ii. 106.
acuminata, Ehrenberg. Hudson and Gosse, *The Rotifera*, ii. 107.
triptera, Ehrenberg. Hudson and Gosse, *The Rotifera*, ii. 108.

Family PTERODINADÆ.

Pterodina, Ehrenberg, 1830.
patina, Ehrenberg. Hudson and Gosse, *The Rotifera*, ii. 112.

Family ANURÆADÆ.

Anuræa, Gosse, 1851, *nec* Ehrenberg.
hypelasma, Gosse. Hudson and Gosse, *The Rotifera*, ii. 123.
Notholca, Gosse, 1886.
jugosa, Gosse. Hudson and Gosse, *The Rotifera*, Supplement, 56 = *N. regularis*, Hilgendorf, *T.N.Z.I.* xxxi. 132.

PHYLUM, NEMATELMINTHES.

CLASS, NEMATOIDEA.*

Family ASCARIDÆ.

Ascaris, Linnæus, 1746.

macruri, v. Linstow. Challenger Reports, xxiii. 7, in *Macruris rudis*.

labiata, Rudolphi, in *Conger vulgaris*.

ecaudata, Dujardin, in *Conger vulgaris*.

clavata, Rudolphi, in *Conger vulgaris*.

orthagorisci, Rudolphi, in *Orthagoriscus mola*.

incurva, Rudolphi, in *Xiphias gladius*.

bi-uncinata, Molin, in *Zeus faber*.

bramæ, v. Beneden, in *Brama raii*.

granulosa, Schneider, in *Fregatta aquila*.

spiculigera, Rudolphi, in *Podiceps cristatus* and in *Phalacrocorax carbo*.

microcephala, Rudolphi, in *Herodias egretta*.

aurita, v. Linstow, in *Micranous leucocapillus*.

conocephala, Krabbe, in *Delphinus delphis*.

apterycis, Chatin, in *Apteryx sp.*; Bull. Soc. Philom. 7, ix. 36.

Heterakis, Dujardin, 1845.

hians, Dujardin, in *Conger vulgaris*.

præcinctus, Dujardin, in *Conger vulgaris*.

congri, v. Beneden, in *Conger vulgaris*.

Family FILARIDÆ.

Ichthyonema, Diesing, 1860.

congeri vulgaris, Molin, in *Conger vulgaris*.

Filaria, Müller, 1787.

acuta, Diesing, in *Podiceps cristatus*.

recta, v. Linstow, in *Podiceps cristatus*.

squamata, v. Linstow, in *Phalacrocorax carbo*.

dubia, Leidy, in *Diomedea exulans*.

* This list of Parasites is for the most part abstracted from v. Linstow's 'Compendium d. Helminthologie,' 1878, and Appendix, 1889, with a few recently described species from Zool. Record. It has been impossible to determine the synonyms, owing to absence of literature.

- Spirophaera**, Rudolphi, 1819.
acanthocephalica, Molin, in *Hydroprogne caspica*.
campbelli, Chatin, in *Notothenia filholi*, Bull. Soc. Philom.
 7, ix. 37.

Family TRICHOTRACHELIDÆ.

- Trichosoma**, Rudolphi, 1819.
carbonis, Rudolphi, in *Phalacrocorax carbo*.
convolutum, Fourment, in *Ossiphraga gigantea*.
Tropidocerca, Diesing, 1860.
certa, Leidy, in *Diomedea exulans*.

Family STRONGYLIDÆ.

- Eustrongylus**, Diesing, 1850.
papillosum, Rudolphi, in *Phalacrocorax carbo*.
tubifex, Diesing, in *Podiceps cristatus*.

Family (?).

- Agamonema**, Diesing, 1851.
capsularia, Diesing, in *Conger vulgaris*.
zenis, Wedl, in *Zeus faber*.
fabri, Diesing, in *Zeus faber*.
carancum, Diesing, in *Caraux trachurus*.
campbelli, Chatin, Bull. Soc. Philom. 7, ix. 37, in various
 fishes.

CLASS, GORDIACEA.

Family GORDIIDÆ.

- Gordius**, Linnæus, 1767.
diblastus, Oerley, Ann. Mag. N.H. 5, viii. 331.
pachydermus, Oerley, Ann. Mag. N.H. 5, viii. 331.

CLASS, ACANTHOCEPHALA.

Family ECHINORHYNCHIDÆ.

- Echinorhynchus**, O. F. Müller, 1776.
urniger, Dujardin, in *Zeus faber*.
annulatus, Molin, in *Lepidopus caudatus* and in *Conger*
vulgaris.
lamelliger, Diesing, in *Naucrates ductor*.
vasculosus, Rudolphi, in *Brama raii*.
acus, Rudolphi, in *Conger vulgaris*.
solitarius, Molin, in *Conger vulgaris*.
hystrix, Bremser, in *Phalacrocorax carbo*.
striatus, Goeze, in *Phalacrocorax carbo*.
longicollis, Villot, in *Stepsilas interpres*.
sphærocephalus, Bremser, in *Larus dominicanus*.

- Echinorhynchus capitatus**, v. Linstow, in *Pseudorca crassidens* and in *Globicephalus melas*.
porrigens, Rudolphi, in *Balenoptera rostrata*.
turbinella, Diesing, in *Balenoptera musculus* and in *Delphinus delphis*.

CLASS, CHÆTOGNATHA.

Krohnia, Langerhans, 1880.

Sp. innom., Parker. T.N.Z.I. xxviii. 758 (? = *Spadella hamata*, Mcebius).

PHYLUM, PLATYHELMINTHES.

CLASS, TURBELLARIA.

Order RHABDOCELIDA.

Sub-order RHABDOCELA.

Family VORTICIDÆ.

Chonostomum, Schmarda, 1859.

crenulatum, Schmarda. N.W.Th. (1) 4; Hutton, T.N.Z.I. xi. 314.

Family PRORHYNCHIDÆ.

Prorhynchus, M. Schultze, 1851.

putealis, Haswell. Q.J.M.S. xl. 631.

Order POLYCLADIDA.

Family LEPTOPLANIDÆ.

Leptoplana, Ehrenberg, 1831.

californica, Plehn. Zool. Jahrb. Syst. xii. 448.

? **polysora**, Schmarda. N.W.Th. (1), 25 (*Centrostromum*);
Hutton, T.N.Z.I. xi. 315.

? **brunnea**, Cheeseman. T.N.Z.I. xv. 214.

Polycelis, Schmarda, 1859.

australis, Schmarda. N.W.Th. (1), 21; Hutton, T.N.Z.I. xi. 315.

Family PSEUDOCERIDÆ.

Thysanozoon, Grube, 1840.

brocchii, Risso. Lang, Die Polycladen, 1885, 525 = *T. cruciatum*, Schmarda. Hutton, T.N.Z.I. xi. 315 = *T. aucklandica*, Cheeseman, T.N.Z.I. xv. 213.

var. huttoni, T. W. Kirk. T.N.Z.I. xiv. 267.

Family EURYLEPTIDÆ.

Prostheceræus, Schmarda, 1859.

herberti, T. W. Kirk (*Eurylepta h.*). T.N.Z.I. xiv. 267.

Order TRICLADIA.

Tribe TERRICOLA.

Family GEOPLANIDÆ.

Geoplana, Schultze, 1856.

testacea, Hutton. T.N.Z.I. xii. 277; Graff, Mon. de Turbellarien, ii. 353.

- Geoplana triangulata**, Dendy. T.N.Z.I. xxvii. 179.
var. australis, Dendy. T.N.Z.I. xxvii. 180; xxviii. 211.
flavimarginata, Dendy. T.N.Z.I. xxix. 259.
purpurea, Dendy. T.N.Z.I. xxvii. 182; xxviii. 212.
garveyi, Dendy. T.N.Z.I. xxxiii. 234.
tenuis, Dendy. T.N.Z.I. xxvii. 188.
traversii, Moseley. Q.J.M.S. n.s. xvii. 284.
challengeri, Graff. Mon. Turb. ii. 370.
moseleyi, Hutton. T.N.Z.I. xii. 277; Dendy, T.N.Z.I. xxix. 261.
graffii, Dendy. T.N.Z.I. xxvii. 180; xxxiii. 224.
var. somersii, Dendy. T.N.Z.I. xxviii. 212.
var. nodosa, Dendy. T.N.Z.I. xxxiii. 227.
var. angusta, Dendy. T.N.Z.I. xxxiii. 228.
var. clintonensis, Dendy. T.N.Z.I. xxxiii. 228.
var. occidentalis, Dendy. T.N.Z.I. xxix. 260.
var. otiraensis, Dendy. T.N.Z.I. xxix. 261.
var. nigrescens, Dendy. T.N.Z.I. xxxiii. 230.
var. castanea, Dendy. T.N.Z.I. xxxiii. 225.
var. ocellata, Dendy. T.N.Z.I. xxxiii. 226.
var. wharekauriensis, Dendy. T.N.Z.I. xxxiii. 226.
var. dorsomarmorata, Dendy. T.N.Z.I. xxxiii. 228.
iris, Dendy. T.N.Z.I. xxviii. 213.
sulphurea, Fletcher and Hamilton. Dendy, T.N.Z.I. xxvii. 183.
alfordensis, Dendy. T.N.Z.I. xxviii. 212.
agricola, Dendy. T.N.Z.I. xxvii. 184.
var. maori, Dendy. T.N.Z.I. xxxiii. 233.
inæqualistriata, Dendy. T.N.Z.I. xxvii. 182.
fagicola, Dendy. T.N.Z.I. xxxiii. 233.
exulans, Dendy. T.N.Z.I. xxxiii. 233.
munda, Fletcher and Hamilton. T.N.Z.I. xxxiii. 236.
splendens, Dendy. T.N.Z.I. xxvii. 183.
laingii, Dendy. T.N.Z.I. xxvii. 185.
spectabilis, Dendy. T.N.Z.I. xxvii. 185.
hamiltoni, Dendy. T.N.Z.I. xxvii. 186.
gelatinosa, Dendy. T.N.Z.I. xxvii. 186.
quinquelineata, Fletcher and Hamilton. T.N.Z.I. xxviii. 212.
jacksoniana, Dendy. T.N.Z.I. xxix. 262.
lateropunctata, Dendy. T.N.Z.I. xxxiii. 232.
huttoni, Graff. Mon. Turb. ii. 352.
subquadrangulata, Dendy. T.N.Z.I. xxvii. 187.
mœbiusi, Graff. Mon. Turb. ii. 386.
meridionalis, Graff. Mon. Turb. ii. 377.
suteri, Dendy. T.N.Z.I. xxix. 263.
aucklandica, Dendy. T.N.Z.I. xxxiii. 235.

- Geoplana howesi**, Dendy. T.N.Z.I. xxxiii. 238.
cooperi, Dendy. T.N.Z.I. xxxiii. 239.
latissima, Dendy. T.N.Z.I. xxviii. 211.
cucullata, Dendy. T.N.Z.I. xxix. 259.
mariaë, Dendy. T.N.Z.I. xxvii. 184.

CLASS, TEMNOCEPHALOIDEA.

Order DACTYLIFERA.

Family TEMNOCEPHALIDÆ.

Temnocephala, Blanchard, 1849.

- novæ-zealandiæ**, Haswell. Q.J.M.S. xxviii. 279; Macleay Mem. 1893, 138; Chilton, T.N.Z.I. xxi. 252 (on *Parane-phrops*).

CLASS, TREMATODA.*

Order HETEROCOTYLEA.

Family TRISTOMIDÆ.

Tristomum, Cuvier, 1817.

- coccineum**, Cuvier, in *Xiphias gladius*.
papillosum, Diesing, in *Xiphias gladius*.
molæ, Blanchard, in *Orthogoriscus mola*.
rudolphianum, Diesing, in *Orthogoriscus mola*.
cephala, Risso, in *Orthogoriscus mola*.
squali, Blanchard, in a shark (unnamed) from New Zealand.

Encotyllabe, Diesing, 1850.

- nordmanni**, Diesing, in *Brama raii*.

Family MICROCOTYLIDÆ.

Gastrocotyle, Van Beneden and Hesse, 1863.

- trachuri**, Van Beneden and Hesse, in *Caranx trachurus*.

Order ASPIDOCOTYLEA.

Family ASPIDOBOTHRIDÆ.

Macraspis, Olsson, 1868.

- Sp. Benham MS. in *Callorhynchus*.

Order MALACOTYLEA.

* This list of Parasites is for the most part abstracted from v. Linstow's 'Compendium d. Helminthologie,' 1878, and Appendix, 1889, and a few have been taken from the Zoological Record of more recent date. It has not been possible in all cases to determine the matter of synonymy, owing to the absence of literature.

Family DISTOMIDÆ.

Distomum, Retzius, 1776.insigne, Diesing, in *Echinorhinus spinosus*.veliporum, Creplin, in *Scymnus lichia* and in *Echinorhinus spinosus*.macrocotyle, Diesing, in *Orthagoriscus mola*.contortum, Rudolphi, in *Orthagoriscus mola*.nigroflavum, Rudolphi, in *Orthagoriscus mola*.foliatum, Linton, in *Orthagoriscus mola*.calceolus, Molin, in *Conger vulgaris*.rufoviride, Rudolphi, in *Conger vulgaris* and in *Zcus faber*.simplex, Rudolphi, in *Conger vulgaris*.varicum, Zeder, in *Conger vulgaris*.echeneidis remoræ, Rudolphi, in *Echeneis remora*.lageniforme, Linton, in *Echeneis remora*.monticelii, Linton, *Echeneis remora*.dendriticum, Rudolphi, in *Xiphias gladius*.clavatum, Rudolphi, in *Xiphias gladius*.polonii, Molin, in *Caranx trachurus*.giardii, Stossich, in *Naucrates ductor*.grandiporum, Rudolphi, in *Conger vulgaris*.laticolle, Rudolphi, in *Caranx trachurus*.cochleariforme, Rudolphi, in *Fregatta aquila*.convacum, Creplin, in *Podiceps cristatus*.echinatum, Zeder, in *Podiceps cristatus* and in *Phalacrocorax carbo*.spinulosum, Rudolphi, in *Podiceps cristatus*.goliath, v. Beneden, in *Balenopectera rostrata*.palliatum, Looss, in *Delphinus delphis*.déphini, Poirier, in *Delphinus delphis*.erinaceum, Poirier, in *Delphinus delphis*.rochebruni, Poirier, in *Delphinus delphis*.longissimum, Poirier, in *Tursiops tursio*.**Kœllikeria**, Cobbold, 1859.flicolle, Rudolphi, in *Brama raii* and in *Orthagoriscus mola*.

Family HOLOSTOMIDÆ.

Holostomum, Nitzsche, 1819.platycephalum, Dujardin, in *Phalacrocorax carbo* and in *Podiceps cristatus*.variegatum, Dujardin, in *Podiceps cristatus* and in *Phalacrocorax carbo*.squamosum, Villot, in *Strepsilas interpres*.**Hemistomum**, Diesing, 1850.trilobum, Rudolphi, in *Phalacrocorax carbo*.

Hemistomum pileatum, Brandes, in *Hydroprogne caspia*.
commutatum, Diesing, in *Hydroprogne caspia*.

Family MONOSTOMIDÆ.

Monostomum, Zeder, 1800.
filarinum, Diesing, in *Orthagoriscus mola*.
filum, Dujardin, in *Brama raii*.
echinostomum, Diesing, in *Sula fusca*.
petasatum, Deslongchamps, in *Strepsilas interpretis*.
holostomioides, Mehlis, in *Podiceps cristatus*.
pingue, Mehlis, in *Podiceps cristatus*.

Family GASTEROSTOMIDÆ.

Gasterostomum, V. Siebold, 1848.
armatum, Molin, in *Conger vulgaris*.

Family DIDYMOZOONTIDÆ.

Didymozoon, Taschenberg, 1879.
exocæti, Parona and Perugia in *Exocætus*.

CLASS, CESTOIDEA.

Order GYROCOTYLACEA.

Family GYROCOTYLIDÆ.

Gyrocotyle, Diesing, 1850.
urna, Wagner, in *Callorhynchus* (see Spencer, T.R.S.V. i. 136).

Order CARYOPHYLLACEA.

Family CARYOPHYLLÆIDÆ.

Monobothrium, Diesing, 1850.
punctatum, Molin, in *Conger vulgaris* [? a young form of Tetrabothrid].

Order PSEUDOPHYLLIDÆ.

Family BOTHRIOCEPHALIDÆ.

Anchistrocephalus, Monticelli, 1890.
macrocephalus, Rudolphi, in *Orthagoriscus mola* (*Bothriocephalus m.*).
Fistulicola, Lühe, 1899.
plicatus, Rudolphi, in *Xiphias gladius* (*Bothriocephalus p.*).
Bothriocephalus, Rudolphi, 1810.
quadratus, v. Linstow, in *Ogmorhynchus leptonyx*.
bramæ, Ariola, in *Brama raii*.
Schistocephalus, Creplin, 1829.
nodosus, Bloch, in *Podiceps cristatus*.

Ligula, Bloch, 1782.

monogramma, Creplin, in *Podiceps cristatus*.

digramma, Creplin, in *Podiceps cristatus*.

Order TETRAPHYLLIDEA.

Family TETRABOTHRIDÆ.

Tetrabothrium (Rudolphi), Fuhrmann, 1899.

maculatum, Olssen, in *Lamna cornubica*.

macrocephalum, Rudolphi, in *Podiceps cristatus*.

auriculatum, v. Linstow, in *Thalassoea glacialeoides* and
Daption capensis.

erostris, Linsberg, in *Catarhactes chrysocome*.

Orygmatobothrium, Diesing, 1854.

dohrnii, Oerley, in *Scymnus lichia*.

Amphoterocotyle, Diesing, 1863.

elegans, Diesing, in *Daption capensis*.

Phyllobothrium, v. Beneden, 1849.

delphini, Gervais, in *Tursiops tursio*.

Anthobothrium, v. Beneden, 1849.

cornucopia, v. Beneden, in *Lamna cornubica*.

Cylindrophorus, Diesing, 1863.

typicus, Diesing, in *Carcharodon rondeletii*.

Dinobothrium, v. Beneden, 1889.

septaria, v. Beneden, in *Lamna cornubica*.

Diplobothrium, v. Beneden, 1889.

simile, v. Beneden, in *Lamna cornubica*.

Order TETRARHYNCHA.

Family TETRARHYNCHIDÆ.

Tetrarhynchus, sensu lato, Vaullegard, 1899.

bicolor, v. Nordmann, in *Carch. rondeletii* = *Abothros car-*
charias, Welch.

erinaceus, v. Beneden, in *Scymnus lichia*.

infulatus, Diesing, in *Zeus faber* and in *Conger vulgaris*.

paleaceus, Rudolphi, in *Conger vulgaris* and in *Caranx*
trachurus.

crassiceps, Diesing, in *Brama raii*.

gracilis, Wagener, in *Orthogoriscus mola*.

attenuatus, Rudolphi, in *Niphias gladius*.

tenuicaudatus, Leidy, in *Echeneis remora*.

gigas, Vaullegard = *reptans*, Wagener = *elongatus*, Rudolphi,
in *Zeus faber* and in *Orthogoriscus mola*.

Order TETRACOTYLEA.

Family TÆNIIDÆ.

Drepanidotænia, Railliet, 1892.

apterygis, Benham. Q.J.M.S. xliii. 83, in *Apteryx*.

minuta, Benham. Q.J.M.S. xliii. 83, in *Apteryx*.

Tænia, sensu lato, Linnæus, 1758.

scolecina, Rudolphi, in *Phalacrocorax carbo*.

increscens, v. Linstow, in *Hæmatopus unicolor*.

coronata, Kreff, in *Himantopus leucocephalus*.

rugosa, Kreff, in *Himantopus leucocephalus*.

cylindrica, Kreff, in *Anas superciliosa*.

pediformis, Kreff, in *Anas superciliosa*.

flavescens, Kreff, in *Anas superciliosa* and in *Spatula rhyuchota*.

bairdi, Kreff, in *Anas superciliosa*.

tuberculata, Kreff, in *Nyroca australis*.

filum, Goeze, in *Strepsilas interpres*.

clavigera, Krabbe, in *Strepsilas interpres*.

retirostris, Krabbe, in *Strepsilas interpres*.

furcifera, Krabbe, in *Podiceps cristatus*.

capillaris, Rudolphi, in *Podiceps cristatus*.

pelecani aquilæ, Rudolphi, in *Fregatta aquila*.

sulciceps, Baird, in *Diomedea exulans*.

apterycis, Chatin, in *Apteryx*, Bull. Soc. Philom. (7), ix. 36.

[Is probably identical with one of the two sp. *Drepanidotænia*, above.]

CLASS, NEMERTINI.

Order METANEMERTINI.

? **Amphiporus**, Ehrenberg, 1831, or ? **Eunemertes**, Vaillant, 1890.

heterophthalma, Schmarda. N.W.Th. (1), 41; *Ommatoplea h.*, Hutton, T.N.Z.I. xi. 316.

? **Amphiporus** or ? **Drepanophorus**, Hubrecht, 1874.

novæ-zealandiæ, Quoy and Gaimard. Voy. Astrolabe, Zool. iv. 290 (*Borlasia, N.Z.*); Hutton, T.N.Z.I. xii. 277.

Family PROSORHOCHMIDÆ.

Geonemertes, Semper, 1863.

novæ-zealandiæ, Dendy. T.N.Z.I. xxvii. 192; xxviii. 214.

Order HETERONEMERTINI.

Family EUPOLIIDÆ.

Eupolia, Hubrecht, 1887.**giardii**, McIntosh. Challenger Reports, xix. 11.**australis**, Hubrecht. Challenger Reports, xix. 13.

Family LINEIDÆ.

Cerebratulus, Renier, 1804.**macrostomus**, Schmarda (*Meckelia m.*). N.W.Th. (1), 42;

Hutton, T.N.Z.I. xi. 316.

macrorhochmus, Schmarda (*Meckelia m.*). N.W.Th. (1),

43; Hutton, T.N.Z.I. xi. 316.

parkeri, Hubrecht. Challenger Reports, xix. 43.**angusticeps**, Hubrecht. Challenger Reports, xix. 44.**macroren**, Hubrecht. Challenger Reports, xix. 46.

PHYLUM, CŒLEENTERATA.

CLASS, CTENOPHORA.

Order SACCATA.

Family PLEUROBRACHIDÆ.

Eschscholthia, Lesson, 1843.

dimidiata, Lesson. Ann. Sc. Nat. v. 254; Acalèphes, 102.

CLASS, ACTINOZOA.

Sub-class ZOANTHARIA.

Order ACTINIARIA.

Family PHYLLACTIDÆ.

Oulactis, H. Milne-Edwards, 1857.

plicatus, Hutton. T.N.Z.I. xi. 311.

Family SAGARTIADÆ.

Gregoria, Gosse, 1860.

albicincta, Hutton. T.N.Z.I. xi. 312.

Sagartia, Gosse, 1858.

crocata, Hutton (*Diactis*). T.N.Z.I. xii. 275.

Family ANTHEADÆ.

Paractis, H. Milne-Edwards, 1857.

monilifera, Drayton. Hutton, T.N.Z.I. xii. 275.

Anthea, Johnstone, 1838.

olivacea, Hutton. T.N.Z.I. xii. 312.

Family ACTINIADÆ.

Actinia, Gmelin, 1789.

striata, Quoy and Gaimard (gen. dub.). Hutton, T.N.Z.I. xii. 213.

tenebrosa, Farquhar. J.L.S. xxvi. 535.

thomsoni, Coughtrey. T.N.Z.I. vii. 280 (genus doubtful); Farquhar, J.L.S. xxvi. 527.

- Phymactis*, H. Milne-Edwards, 1857.
polydactyla, Hutton. T.N.Z.I. xi. 313.
inconspicua, Hutton. T.N.Z.I. xi. 313.

Family ILYANTHIDÆ.

- Peachia*, Gosse, 1854.
carnea, Hutton. T.N.Z.I. xii. 275.

Family MINYADIDÆ.

- Minyas*, Cuvier, 1817.
viridula, Quoy and Gaimard. Hutton, T.N.Z.I. xi. 314.

Order MADREPORARIA.

Section APOROSA.

Sub-section TURBINOLIDA.

Family TURBINOLIDÆ.

- Flabellum*, Lesson, 18—.
rubrum, Quoy and Gaimard. Voy. Astrolabe, iv. 188.
Conocyathus, d'Orbigny, 1849.
zealandiæ, Duncan. P.Z.S. 1876, 431.
Cylidia, Edwards and Haime, 1851.
rubeola, Quoy and Gaimard. Voy. Astrolabe, iv. 197.
huttoni, Ten. Woods. P.L.S.N.S.W. iii. 132.
vacua, Ten. Woods. P.L.S.N.S.W. iii. 133.
Placotrochus, Edwards and Haime, 1848.
pedicellatus, Ten. Woods. P.L.S.N.S.W. iii. 134.
Polyphyllia, Quoy and Gaimard, 1833.
pelvis, Quoy and Gaimard. Voy. Astrolabe, iv. 185.
Caryophyllia, Lamarck, 1801.
maculata, Pourtales. Moseley, Challenger Reports, ii. 139.
lamellifera, Moseley. Challenger Reports, ii. 140.

Order ANTIPITHARIA.

Family ANTIPATHIDÆ.

- Aphanipathes*, Brook, 1889.
fruticosa, Gray. Brook, Challenger Reports, xxxii. 124.
Taxipathes, Brook, 1889.
recta, Brook (?). Challenger Reports, xxxii. 156. [Specimen
 in Canterbury Museum.]

Sub-class ALCYONARIA.

Order ALCYONACEA.

Family CORNULARIDÆ.

- Anthopodium*, Verrill, 1872.
australe, Verrill. Bull. U.S. Mus. 1876, 76.

Family ALCYONIDÆ.

Lobularia, Lamarck, 1816.*aurantiaca*, Lamarck. Quoy, Voy. Astrolabe, iv. 277.

Order PENNATULACEA.

Family VIRGULARIDÆ.

Virgularia, Lamarck, 1816.*gracillima*, Kölliker. Dendy, T.N.Z.I. xxix. 256.

Family PROTOCAULIDÆ.

Protocaulon, Kölliker, 1880.*molle*, Kölliker. Challenger Reports, i. 26.

Family PROTOPTILIDÆ.

Leptoptilum, Kölliker, 1880.*gracile*, Kölliker. Challenger Reports, i. 27.

Order GORGONACEA.

Family DASYGORGIDÆ.

Dasygorgia, Verrill, 1883.*expansa*, Wright and Studer. Challenger Reports, xxxi. 16.*acanthella*, Wright and Studer. Challenger Reports, xxxi. 18.*axillaris*, Wright and Studer. Challenger Reports, xxxi. 20.

Family PRIMNOIDÆ.

Calytrophora, Gray, 1866.*wyvillei*, Wright and Studer. Challenger Reports, xxxi. 52.**Stachyodes**, Wright and Studer, 1889.*regularis*, Wright and Studer. Challenger Reports, xxxi. 55.**Thouarella**, Gray, 1870.*moseleyi*, Wright and Studer. Challenger Reports, xxxi. 61.**Primnoella**, Gray, 1857.*australasiæ*, Gray. Wright and Studer, Challenger Reports, xxxi. 88.

Family SCLEROGORGIDÆ.

Rhipidigorgia, Valenciennes, 1854.*cribum*, Valenciennes. H. Milne-Edwards, Coralliaires, i. 175*arenata*, Valenciennes. H. Milne-Edwards, Coralliaires, i. 176.

CLASS, SCYPHOZOA.

Order STAUROMEDUSÆ.

Family LUCERNARIDÆ.

Craterolophus, Clark, 1863.*macrocystis*, Lendenfeld (nomen nudum). P.L.S.N.S.W. ix. 165.

Order PEROMEDUSÆ.

Family PERICOLPIDÆ.

Pericrypta, Haeckel, 1879.*campana*, Haeckel. Lendenfeld, P.L.S.N.S.W. ix. 167.

Family PERIPHYLLIDÆ.

Periphylla, Steenstrup, 1837.*mirabilis*, Haeckel. Lendenfeld, P.L.S.N.S.W. ix. 168.

Order DISCOMEDUSÆ.

Family TOREUMIDÆ.

Archirhiza, Haeckel, 1880.*aurosa*, Haeckel. Lendenfeld, P.L.S.N.S.W. ix. 282 and 425.*Toreuma*, Haeckel, 1880.*theophila*, Haeckel. Lendenfeld, P.L.S.N.S.W. ix. 283
and 426.*Cannorhiza*, Haeckel, 1880.*connexa*, Haeckel. Lendenfeld, P.L.S.N.S.W. ix. 294
and 427.

CLASS, HYDROZOA.

Order SIPHONOPHORA.

Family VELELLIDÆ.

Veella, Lamarck, 1816.*cyanea*, Lesson. Haeckel, Challenger Reports, xxviii. 83.

Family DESMOPHYIDÆ.

Desmalia, Haeckel, 1888.*imbricata*, Haeckel. Challenger Reports, xxviii. 169.

Family DIPHVIDÆ.

Diphyes, Cuvier, 1817.*appendicularia*, Eschscholtz. Hutton, T.N.Z.I. xii. 274.

Family AGALMIDÆ.

Stephanomia, Péron and Lesueur, 1807.*imbricata*, Quoy and Gaimard. Voy. Astrolabe, iv. 71.

Family DISCOLABIDÆ.

Physophora, Forskal, 1775.*australis*, Quoy and Gaimard. Hutton, T.N.Z.I. xii. 274.

Family STEPHALIDÆ.

Stephonalia, Haeckel, 1888.*bathypHYsa*, Haeckel. Challenger Reports, xxviii. 299.

Family PHYSALIDÆ.

Physalia, Lamarck, 1818.**utriculus**, Eschscholtz. Haeckel, Challenger Reports, xxviii. 351.

Order HYDROCORALLINA.

Family STYLASTERIDÆ.

Stylaster, Gray, 1831.**erubescens**, Pourtales. Moseley, Challenger Reports, ii. 81.**gracilis**, H. Milne-Edwards and Haime. Moseley, Challenger Reports, ii. 81.**lævis**, Studer. Moseley, Challenger Reports, ii. 81.**sanguineus**, Valenciennes. Lendenfeld, P.L.S.N.S.W. ix. 615.**Allopora**, Ehrenberg, 1834.**profunda**, Moseley. Challenger Reports, ii. 62.**Cryptohelia**, H. Milne-Edwards and Haime.**pudica**, H. Milne-Edwards and Haime. Moseley, Challenger Reports, ii. 71.**Conopora**, Moseley, 1881.**tenuis**, Moseley. Challenger Reports, ii. 82.**Errina**, Gray, 1835.

[Two species are in the Canterbury Museum.]

Order HYDROIDA.

Sub-order GYMNOBLASTEÆ.

Family CLAVIDÆ.

Tubiclava, Allman, 1862.**rubra**, Farquhar. T.N.Z.I. xxvii. 209.**fruticosa**, Allman. Hilgendorf, T.N.Z.I. xxx. 201.**Cordylophora**, Allman, 1844.**lacustris** (?), Hamilton. N.Z. Jour. Science, i. 419.

Family CORYNIDÆ.

Coryne, Lamarck, 1801.**tenella**, Farquhar. T.N.Z.I. xxvii. 208.

Family EUDENDRIDÆ.

Eudendrium, Ehrenberg, 1834.**novæ-zealandiæ**, Marktanner-Turneretscher. Farquhar, T.N.Z.I. xxviii. 459.

Family BOUGAINVILLIDÆ.

Hemitheca, Hilgendorf, 1898.**intermedia**, Hilgendorf. T.N.Z.I. xxx. 202.

Family TUBULARIIDÆ.

Tubularia, Linnæus, 1756.*attenuoides*, Coughtrey. T.N.Z.I. viii. 302; Hilgendorf, T.N.Z.I. xxx. 202.**Pelagohydra**, Dendy, 1902.*mirabilis*, Dendy. Q.J.M.S. xlv. 1.

Sub-order CALYPTOBLASTEÆ.

Family CAMPANULARIIDÆ.

Eucopella, Lendenfeld, 1883.*crenata*, Hartlaub.*C. caliculata* var. *makrogona*, Lendenfeld. Farquhar, T.N.Z.I. xxviii. 459.**Hypanthea**, Allman, 1876.*bilabiata*, Coughtrey. Farquhar, T.N.Z.I. xxviii. 460; Hilgendorf, T.N.Z.I. xxx. 213.*asymmetrica*, Hilgendorf. T.N.Z.I. xxx. 212.**Campanularia**, Lamarck, 1816.*carduella*, Allman. Farquhar, T.N.Z.I. xxviii. 460.*fruticosa*, Esper. Farquhar, T.N.Z.I. xxviii. 460.**Obelia**, Lamarck, 1821.*geniculata*, Linnæus. Farquhar, T.N.Z.I. xxviii. 460.*australis*, Lendenfeld. Farquhar, T.N.Z.I. xxviii. 460.*pygmæa*, Coughtrey. Farquhar, T.N.Z.I. xxviii. 460.*nigrocaulus*, Hilgendorf. T.N.Z.I. xxx. 203.**Hebella**, Allman, 1888.*scandens*, Bale. Farquhar, T.N.Z.I. xxviii. 460.**Calycella**,*parkeri*, Hilgendorf. T.N.Z.I. xxx. 205.**Clytia**, Lamarck, 1812.*elongata*, Marktanner-Turneretscher (gen. dub.). Farquhar, T.N.Z.I. xxviii. 461.*johnstoni*, Alder. Hartlaub, Zoologischen Jahrbüchern, xiv. 364.**Eucope**, Geg., 1856.*annulata*, Lendenfeld. Farquhar, T.N.Z.I. xxviii. 461.**Thyrosocyphus**, Allman, 1877.*tridentatus*, Bale. Hartlaub, Zoologischen Jahrbüchern, xiv. 364.

Family PERISIPHONIIDÆ.

Lafoea, Lamouroux, 1821.*cylindrica*, Lendenfeld. Farquhar, T.N.Z.I. xxviii. 461.*dumosa*, Coughtrey (sp. dub.). Farquhar, T.N.Z.I. xxviii. 461.

Cryptolaria, Busk, 1857.

gracilis, Allman. Farquhar, T.N.Z.I. xxviii. 461.

Perisiphonia, Allman, 1888.

pectinata, Allman. Farquhar, T.N.Z.I. xxviii. 461.

Family *HALECIDÆ*.

Halecium, Oken, 1815.

delicatula, Coughtrey. Farquhar, T.N.Z.I. xxviii. 461.

parvulum, Bale. Farquhar, T.N.Z.I. xxviii. 461.

Family *SERTULARIIDÆ*.

Sertularia, Linnæus, 1748.

elongata, Lamouroux. Farquhar, T.N.Z.I. xxviii. 461.

bispinosa, Gray. Farquhar, T.N.Z.I. xxviii. 462.

crinis, Allman. Farquhar, T.N.Z.I. xxviii. 462.

trispinosa, Coughtrey. Farquhar, T.N.Z.I. xxviii. 462.

ramulosa, Coughtrey. Farquhar, T.N.Z.I. xxviii. 462.

operculata, Linnæus. Farquhar, T.N.Z.I. xxviii. 462.

minima, Thompson. Farquhar, T.N.Z.I. xxviii. 462.

unguiculata, Busk. Farquhar, T.N.Z.I. xxviii. 463.

simplex, Lendenfeld. Farquhar, T.N.Z.I. xxviii. 463.

huttoni, Marktanner-Turneretscher. Farquhar, T.N.Z.I. xxviii. 463.

unilateralis, Allman. Farquhar, T.N.Z.I. xxviii. 463.

australis, Thompson. Lendenfeld, P.L.S.N.S.W. ix. 408.

Diphasia, Agassiz, 1862.

symmetrica, Lendenfeld. P.L.S.N.S.W. ix. 414.

Sertularella, Gray, 1848.

johnstoni, Gray. Farquhar, T.N.Z.I. xxviii. 463.

capillaris, Allman. Farquhar, T.N.Z.I. xxviii. 463.

polyzonias, Linnæus. Farquhar, T.N.Z.I. xxviii. 463.

robusta, Coughtrey. Farquhar, T.N.Z.I. xxviii. 464.

pygmæa, Bale. Farquhar, T.N.Z.I. xxviii. 464.

ramosa, Thompson. Farquhar, T.N.Z.I. xxviii. 464.

exigua, Thompson. Farquhar, T.N.Z.I. xxviii. 464.

integra, Allman. Farquhar, T.N.Z.I. xxviii. 464.

muelleri, Kirchenpauer. Farquhar, T.N.Z.I. xxviii. 464.

episcopus, Allman. Farquhar, T.N.Z.I. xxviii. 464.

tenella, Alder. Hartlaub, Zoologischen Jahrbüchern, xiv. 370.

solidula, Bale. Hartlaub, Zoologischen Jahrbüchern, xiv. 371.

fusififormis, var. *nana*, Hartlaub. Zoologischen Jahrbüchern, xiv. 372.

Thuiaria, Fleming, 1828.

zelandica, Gray. Farquhar, T.N.Z.I. xxviii. 464.

monilifera, Hutton. Farquhar, T.N.Z.I. xxviii. 465.

subarticulata, Coughtrey. Farquhar, T.N.Z.I. xxviii. 465.

quadridens, Bale. Farquhar, T.N.Z.I. xxviii. 465.

- Selaginopsis**, Allman, 1876.
novæ-zealandiæ, Thompson. Farquhar, T.N.Z.I. xxviii.
 465.
- Desmoscyphus**, Allman, 1876.
buskii, Allman. Farquhar, T.N.Z.I. xxviii. 465.
- Hydrallmania**, Hincks, 1869.
bicalicula, Coughtrey (Gen. dub.). Farquhar, T.N.Z.I.
 xxviii. 465.

Family SYNTHECIIDÆ.

- Synthecium**, Allman, 1876.
elegans, Allman. Farquhar, T.N.Z.I. xxviii. 465.
ramosum, Allman. Farquhar, T.N.Z.I. xxviii. 465.
campylocarpum, Allman. Farquhar, T.N.Z.I. xxviii. 466.

Family PLUMULARIIDÆ.

- Plumularia**, Lamarck, 1815.
setacea, Ellis. Farquhar, T.N.Z.I. xxviii. 466.
spinulosa, Bale. Farquhar, T.N.Z.I. xxviii. 466.
turgida, Bale. Farquhar, T.N.Z.I. xxviii. 466.
campanula, Busk. Farquhar, T.N.Z.I. xxviii. 466.
multinoda, Allman. Farquhar, T.N.Z.I. xxviii. 466.
simplex, Coughtrey (Gen. dub.). Farquhar, T.N.Z.I. xxviii.
 466.
tripartita, Lendenfeld. P.L.S.N.S.W. ix. 477.

- Antennularia**, Lamarck, 1816.
antennina, Linnæus. Farquhar, T.N.Z.I. xxviii. 466.

Family AGLAOPHENIIDÆ.

- Aglaophenia**, Lamarck, 1812.
incisa, Coughtrey. Farquhar, T.N.Z.I. xxviii. 467.
banksii, Gray. Farquhar, T.N.Z.I. xxviii. 467.
huttoni, Coughtrey. Farquhar, T.N.Z.I. xxviii. 467.
acanthocarpa, Allman. Farquhar, T.N.Z.I. xxviii. 467.
laxa, Allman. Farquhar, T.N.Z.I. xxviii. 467.
formosa, Busk. Farquhar, T.N.Z.I. xxviii. 467.
flicula, Allman. Hilgendorf, T.N.Z.I. xxx. 215.

Family IDIIDÆ.

- Idia**, Lamarck, 1816.
pristis, Lamouroux. Farquhar, T.N.Z.I. xxviii. 467.

Sub-order ELEUTHEROBLASTEÆ.

Family HYDRIDÆ.

- Hydra**, Linnæus, 1756.
viridis, Linnæus. Farquhar, T.N.Z.I. xxviii. 468.

PHYLUM, PORIFERA.

CLASS, CALCAREA.

Order HOMOCOELA.

Family LEUCOSOLENIDÆ.

Leucosolenia, Bowerbank, 1862.

lucasis, Dendy. T.N.Z.I. xxvi. 178.

echinata, Kirk. T.N.Z.I. xxvi. 177.

cerebrum, Haeckel. T.N.Z.I. xxviii. 207.

challengeri, Polejaeff. T.N.Z.I. xxviii. 207.

clathrus, Schmidt. T.N.Z.I. xxviii. 206.

depressa, Dendy. T.N.Z.I. xxviii. 209.

intermedia, Kirk. T.N.Z.I. xxviii. 208.

laxa, Kirk. T.N.Z.I. xxviii. 208.

proxima, Dendy. T.N.Z.I. xxviii. 207.

rosea, Kirk. T.N.Z.I. xxviii. 209.

Order HETEROCOELA.

Family LEUCASCIDÆ.

Leucascus, Dendy, 1892.

simplex, Dendy. T.N.Z.I. xxx. 313.

Family SYCETIDÆ.

Sycon, Risso, 1827.

dendyi, Kirk. T.N.Z.I. xxvii. 287.

inconspicua, Lendenfeld. P.L.S.N.S.W. 1885, 1093.

ornatum, Kirk. T.N.Z.I. xxix. 314.

pedicellatum, Kirk. T.N.Z.I. xxix. 313.

3 sp. innominata.

Family GRANTIDÆ.

Lamontia, Kirk, 1894.

zona, Kirk. T.N.Z.I. xxvii. 289.

Leucandria, Haeckel, 1872.

Species innominata.

Grantessa, Lendenfeld, 1885.

intus-articulata, Carter.

Vosmaeropsis, Dendy, 1892.

macera, Carter.

CLASS, SILICEA.

Sub-class HEXACTINELLIDA.

Family EUPLECTELLIDÆ.

Walteria, Schulze, 1887.**flemmingii**, Schulze. Challenger Reports, xxi. 96.

Family ROSSELLIDÆ.

Euryplegma, Schulze, 1887.**auriculare**, Schulze. Challenger Reports, xxi. 176.**Aulochone**, Schulze, 1887.**cylindrica**, Schulze. Challenger Reports, xxi. 168.

Family HYALONEMATIDÆ.

Poliopogon, Wyville-Thomson, 1877.**gigas**, Schulze. Challenger Reports, xxi. 254.

Family FARREIDÆ.

Farrea, Bowerbank, 1862. Challenger Reports, xxi. 277.

Family COSCINOSPORIDÆ.

Chonelasma, Schulze, 1887.**lamella**, Schulze. Challenger Reports, xxi. 321.**hamatum**, Schulze. Challenger Reports, xxi. 323.

Sub-class TRIAXONIA.

Order HEXACERATINA.

Family APLYSYLLIDÆ.

Dendrilla, Lendenfeld, 1883.**rosea**, Lendenfeld. Cat. Sponges in Aust. Mus. 28.

Sub-class TETRAZONIA.

Order CHONDROSPONGIA.

Family TETHYDÆ.

Tethya, Lamarck, 1816.**fissurata**, Lendenfeld. Cat. Sponges in Aust. Mus. 48.

Family STELLETTIDÆ.

Tethyopsis, Stewart, 1870.**radiata**, Marshall. Challenger Reports, xxv. 190.

Family AXINELLIDÆ.

Axinella, Schmidt, 1862.**sinclairi**, Gray. T.N.Z.I. xxx. 317.

Family SPONGILIDÆ.

Spongilla, Lamarck, 1816.**lacustris**, Johnston. N.Z. Jour. Sci. i. 383 and 572.

Order CORNACUSPONGIA.

Family DESMACIDONIDÆ.

- Cladorhiza**, Sars, 1872.
pentacrini, Dendy. A.M.N.H. 5, xx. 279.
- Myxilla**, Schmidt, 1862.
frondosa, Ridley and Dendy. Challenger Reports, xx. 144.
- Clathria**, Schmidt, 1862.
macropora, Lendenfeld. Cat. Sponges in Aust. Mus. 221.
- Rhaphidophlus**, Ehlers, 1870.
anchoratum, *var. lamellosus*, Lendenfeld. Cat. Sponges in Aust. Mus. 220 (*Echinonema*).

Family HETERORRAPHIDÆ.

- Stylotella**, Lendenfeld, 1888.
digitata, Lendenfeld. Cat. Sponges in Aust. Mus. 185.

Family SPONGELIDÆ.

- Sigmatella**, Lendenfeld, 1888.
corticata, *var. papillosa*, Marshall. Lendenfeld, Man. Horny Sponges, 620.
- Psammpopemma**, Marshall, 1880.
crassum, Carter. Lendenfeld, Man. Horny Sponges, 638.
- Haastia**, Lendenfeld, 1889.
navicularis, Lendenfeld. Man. Horny Sponges, 628.
- Spongelia**, Nardo, 1834.
ramsayi, Lendenfeld. Cat. Sponges in Aust. Mus. 209.
varia, Gray. T.N.Z.I. xxx. 319.
elastica, Schulze, *var. lobosa*, Lendenfeld. A.M.N.H. 6.
 xix. 124.

Family HOMORRAPHIDÆ.

- Chalina**, Grant, 1861.
ramosa, Gray. T.N.Z.I. xxx. 318.
- Cacochalina**, Schmidt, 1870.
pandæa, Lendenfeld. Zool. Jahrb. 1887, ii. 763.
velinae, Lendenfeld. Zool. Jahrb. 1887, ii. 762.
truncatella, Lendenfeld. Zool. Jahrb. 1887, ii. 763.
typica, Lendenfeld. Zool. Jahrb. 1887, ii. 764.
- Cladochalina**, Schmidt, 1870.
dendroides, Lendenfeld. Zool. Jahrb. 1887, ii. 769.
mammillata, Lendenfeld. Zool. Jahrb. 1887, ii. 769.
tenuiraphis, Lendenfeld. Zool. Jahrb. 1887, ii. 769.
- Pachychalina**, Schmidt, 1868.
paucispina, Lendenfeld. Zool. Jahrb. 1887, ii. 776.
ramulosa, Lendenfeld. Zool. Jahrb. 1887, ii. 777.

- Pachychalina macrospina**, Lendenfeld. Zool. Jahrb. 1887, ii. 777.
elegans, Lendenfeld. Zool. Jahrb. 1887, ii. 777.
rigida, Lendenfeld. Zool. Jahrb. 1887, ii. 778.
- Ceraochalina**, Lendenfeld, 1887.
papillata, Lendenfeld. Zool. Jahrb. 1887, ii. 780.
microrhaphis, Lendenfeld. Zool. Jahrb. 1887, ii. 783.
multiformis, Lendenfeld. Zool. Jahrb. 1887, ii. 783.
reteplax, Lendenfeld. Zool. Jahrb. 1887, ii. 785.
extrema, Lendenfeld. Zool. Jahrb. 1887, ii. 785.
- Antherochalina**, Lendenfeld, 1887.
renicroides, Lendenfeld. Zool. Jahrb. 1887, ii. 788.
concentrica, Lendenfeld. A.M.N.H. 6, xix. 124.
- Placochalina**, Lendenfeld, 1887.
arenosa, Lendenfeld. Zool. Jahrb. 1887, ii. 791.
- Toxochalina**, Ridley, 1884.
folioides, Lendenfeld. Zool. Jahrb. 1887, ii. 797.
- Phylosiphonia**, Lendenfeld, 1887.
pumila, Lendenfeld. Zool. Jahrb. 1887, ii. 799.
- Dactylochalina**, Lendenfeld, 1885.
arenosa, Carter. Zool. Jahrb. 1887, ii. 811.
candelabrum, Lendenfeld. Zool. Jahrb. ii. 812.
- Euchalinopsis**, Lendenfeld, 1887.
oculata, Lendenfeld. Zool. Jahrb. 1887, ii. 815.
minima, Lendenfeld. Zool. Jahrb. 1887, ii. 816.
- Euchalina**, Lendenfeld, 1887.
paucispina, Lendenfeld. Zool. Jahrb. 1887, ii. 818.

Family SPONGIDÆ.

- Phyllospongia**, Ehlers, 1872.
perforata, Hyatt. Lendenfeld, Man. Horny Sponges, 172.
macropora, Lendenfeld. Man. Horny Sponges, 173.
papyracea, Esper. Man. Horny Sponges, 187.
distans, Lendenfeld. Man. Horny Sponges, 189.
arbuscula, Lendenfeld. Man. Horny Sponges, 190.
foliascens, Pallas. Man. Horny Sponges, 196.
spiralis, Lendenfeld. Man. Horny Sponges, 200.
- Chalinopsilla**, Lendenfeld, 1889.
australis, *var. reticulata*, Lendenfeld. Cat. Sponges in Aust. Mus. 105.
arborea, *var. macropora*, Lendenfeld. Cat. Sponges in Aust. Mus. 110.
arborea, *var. massa*, Lendenfeld. Man. Horny Sponges, 153.

Euspongia, Bronn, 1859.

irregularis, *var. silicata*, Lendenfeld. Cat. Sponges in Aust. Mus. 134.

irregularis, *var. tenuis*, Lendenfeld. Man. Horny Sponges, 251.

irregularis, *var. villosa*, Lendenfeld. Man. Horny Sponges, 252.

Hippospongia, Schulze, 1879.

equina, *var. elastica*, Lendenfeld. Man. Horny Sponges, 307.

canaliculata, *var. microtuba*, Lendenfeld. Man. Horny Sponges, 325.

Thorecta, Lendenfeld, 1888.

exemplum, *var. tertia*, Lendenfeld. Cat. Sponges in Aust. Mus. 145.

squalidus, Lendenfeld. Man. Horny Sponges, 348.

meandrinus, Lendenfeld. Man. Horny Sponges, 350.

byssoides, Lamarck. Man. Horny Sponges, 365.

Aplysina, Nardo, 1833.

ramosa, Lendenfeld. Man. Horny Sponges, 411.

procumbens, Lendenfeld. Man. Horny Sponges, 416.

meandrina, Lendenfeld. Man. Horny Sponges, 418.

Stelospongia, Schmidt, 1870.

serta, Lendenfeld. Man. Horny Sponges, 489.

australis, *var. conulata*, Lendenfeld. Man. Horny Sponges, 516.

PHYLUM, PROTOZOA.

CLASS, INFUSORIA.

Order TENTACULIFERA.

Acineta, Ehrenberg, 1832.

speciosa, Maskell. T.N.Z.I. xix. 60, and xx. 18.

simplex, Maskell. T.N.Z.I. xix. 61.

flos, Maskell. T.N.Z.I. xx. 17.

angularis, Maskell. T.N.Z.I. xx. 17.

tulipa, Maskell. T.N.Z.I. xx. 18.

lasanicola, Maskell. T.N.Z.I. xx. 18.

Trichophyra, Claparède and Lachmann, 1859.

epistilidis, Claparède and Lachmann. Maskell, T.N.Z.I.
xx. 17.

Sphærophyra, Claparède and Lachmann, 1859.

magna, Maupas. Maskell, T.N.Z.I. xix. 60.

Order CILIATA.

Sub-order HYPOTRICHA.

Family EUPLOTIDÆ.

Euplotes, Ehrenberg, 1832.

patella, Ehrenberg. Maskell, T.N.Z.I. xix. 60.

charon, Müller. Maskell, T.N.Z.I. xx. 17.

Glaucoma, Ehrenberg, 1830.

scintillaris, Ehrenberg. Maskell, T.N.Z.I. xix. 60.

Aspidisca, Ehrenberg, 1830.

turrita, Claparède and Lachmann. Maskell, T.N.Z.I. xix. 60.

Family OXYTRICHIDÆ.

Stylonychia, Ehrenberg, 1830.

mytilus, Ehrenberg. Maskell, T.N.Z.I. xix. 60.

Histrio, Sterki.

acuminatus, Maskell. T.N.Z.I. xix. 59.

Opisthotricha, Saville-Kent, 1882.

parallela, Engelmann. Maskell, T.N.Z.I. xx. 17.

Gastrostyla, Engelmann, 1861.

steinii, Engelmann. Maskell, T.N.Z.I. xix. 59.

- Uroleptus**, Ehrenberg, 1832.
musculus, Müller. Maskell, T.N.Z.I. xix. 59.
- Stichotricha**, Pertz, 1852.
remex, Hudson. Maskell, T.N.Z.I. xix. 59.
- Keroma**, Müller, 1786.
polyporum, Ehrenberg. Maskell, T.N.Z.I. xx. 16.
- Psilotricha**, Stein, 1859.
acuminata, Stein. Maskell, T.N.Z.I. xix. 59.

Family DYSSTERIADÆ.

- Ægyria**, Claparède and Lachmann.
astyla, Maskell. T.N.Z.I. xx. 15.
distyla, Maskell. T.N.Z.I. xx. 15.

Family CHIAMYDODONTIDÆ.

- Loxodes**, Ehrenberg, 1830.
rostrum, Ehrenberg. Maskell, T.N.Z.I. xix. 59.
- Chilodon**, Ehrenberg, 1834.
cucullulus, Müller. Maskell, T.N.Z.I. xix. 59.
- Phascolodon**, Stein.
elongatus, Maskell. T.N.Z.I. xx. 14.

Family LITONOTIDÆ.

- Litonotus**, Wrzesmiowski, 1870.
fasciola, Ehrenberg. Maskell, T.N.Z.I. xix. 59.

Family THUROPHORIDÆ.

- Thurophora**, Maskell, 1888.
lucens, Maskell. T.N.Z.I. xx. 16.

Sub-order PERITRICHÆ.

Family VORTICELLIDÆ.

- Vorticella**, Müller, 1773.
annularis, Müller. Kirk, T.N.Z.I. xviii. 215.
longifilum, Kent. Kirk, T.N.Z.I. xviii. 216.
campanula, Ehrenberg. Maskell, T.N.Z.I. xix. 58.
cratera, Kent. Maskell, T.N.Z.I. xix. 58.
citrina, Ehrenberg. Maskell, T.N.Z.I. xix. 58.
zealandica, Kirk. T.N.Z.I. xviii. 216.
elongata, De Fromentel. Maskell, T.N.Z.I. xix. 58.
patellina, Müller. Maskell, T.N.Z.I. xix. 58.
nebulifera, Ehrenberg. Maskell, T.N.Z.I. xix. 58.
marina, Greeff. Kirk, T.N.Z.I. xviii. 215.
oblonga, Kirk. T.N.Z.I. xviii. 215.
striata, Dujardin. Kirk, T.N.Z.I. xviii. 215.
aperta, De Fromentel. Kirk, T.N.Z.I. xviii. 217.

- Carchesium**, Ehrenberg, 1838.
polypinum, Linnæus. Maskell, T.N.Z.I. xx. 13.
- Zoothamnium**, Ehrenberg, 1838.
affine, Stein. Maskell, T.N.Z.I. xix. 58.
limpidum, Maskell. T.N.Z.I. xx. 13.
- Epistylis**, Ehrenberg, 1830.
leucoa, Ehrenberg. Maskell, T.N.Z.I. xix. 58.
anastatica, Linnæus. Maskell, T.N.Z.I. xx. 13.
- Opercularia**, Goldfuss, 1820.
parallela, Maskell. T.N.Z.I. xix. 58.
nutans, Ehrenberg. Maskell, T.N.Z.I. xx. 13.
- Vaginicola**, Lamarck, 1816.
crystallina, Ehrenberg. Maskell, T.N.Z.I. xix. 59.
- Thuricola**, Saville-Kent, 1881.
valvata, Wright. Maskell, T.N.Z.I. xx. 13.
- Cothurnia**, Ehrenberg, 1832.
patellæ, Hutton. T.N.Z.I. xi. 330.
parallela, Maskell. T.N.Z.I. xx. 13.
- Pyxicola**, Saville-Kent, 1882.
furcifer, Hutton. Jour. R. Micros. Soc. 1878. p. 49
 (*Cothurnia*).
- Platycola**, Saville-Kent, 1882.
decumbens, Ehrenberg. Maskell, T.N.Z.I. xx. 13.

Family URCEOLARIIDÆ.

- Licnophora**, Claparède, 1867.
setifera, Maskell. T.N.Z.I. xix. 57.

Family GYROCORIDÆ.

- Gyrocoris**, Stein, 1867.
oxyura, Stein. Maskell, T.N.Z.I. xix. 57.
- Urocentrum**, Nitzsch, 1817.
turbo, Müller. Maskell, T.N.Z.I. xix. 57.

Family HALTERIIDÆ.

- Halteria**, Dujardin.
grandinella, Müller. Maskell, T.N.Z.I. xix. 57.
- Strombidion**, Claparède and Lachmann, 1859.
claparedii, Kent. Maskell, T.N.Z.I. xix. 57.
intermedium, Maskell. T.N.Z.I. xx. 12.

Sub-order HETEROTRICHA.

Family TINTINNODÆ.

- Tintinnidium**, Saville-Kent, 1881.
fluviatile, Stein. Maskell, T.N.Z.I. xx. 11.

Family STENTORIDÆ.

- Stentor**, Oken, 1815.
gracilis, Maskell. T.N.Z.I. xix. 56.
striatus, Maskell. T.N.Z.I. xix. 57.
attenuatus, Maskell. T.N.Z.I. xx. 20.

Family SPIROSTOMIDÆ.

- Spirostomum**, Ehrenberg, 1833.
ambiguum, Ehrenberg. Maskell, T.N.Z.I. xix. 56.

Family BURSARIIDÆ.

- Metopus**, Claparède and Lachmann, 1858.
sigmoides, Müller. Maskell, T.N.Z.I. xix. 56.

Sub-order HOLOTRICHA.

Family PLEURONEMIDÆ.

- Pleuronema**, Dujardin, 1836.
coronata, Kent. Maskell, T.N.Z.I. xix. 55.
cyclidium, Maskell. T.N.Z.I. xix. 56.
Cyclidium, Müller, 1786.
glaucoma, Ehrenberg. Maskell, T.N.Z.I. xix. 56.
Uronema, Dujardin.
marinum, Dujardin. Maskell, T.N.Z.I. xix. 56.

Family OPHRYOGLENIDÆ.

- Colpidium**, Stein.
cucullus, Schrank. Maskell, T.N.Z.I. xix. 55.
Plagiopyla, Stein, 1860.
varians, Maskell. T.N.Z.I. xix. 55.

Family TRACHELIDÆ.

- Amphileptus**, Ehrenberg, 1830.
anser, Ehrenberg. Maskell, T.N.Z.I. xix. 55.
irregularis, Maskell. T.N.Z.I. xx. 9.
rotundus, Maskell. T.N.Z.I. xx. 9.
tracheloides, Maskell. T.N.Z.I. xx. 9.

Family TRACHELOCERCIDÆ.

- Trachelocera**, Ehrenberg, 1834.
filiformis, Maskell. T.N.Z.I. xix. 54.
Chœnia, Quennerstedt.
crassa, Maskell. T.N.Z.I. xx. 8.

Family ERCHELVIDÆ.

- Tillina**, Gruber, 1879.
enormis, Maskell. T.N.Z.I. xix. 53.
inequalis, Maskell. T.N.Z.I. xix. 54.

Family COLEPIDÆ.

- Coleps**, Nitzsch, 1817.
hirtus, Ehrenberg. Maskell, T.N.Z.I. xix. 53.

Family TRACHELOPHYLLIDÆ.

- Trachelophyllum**, Claparède and Lachmann, 1859.
apiculatum, Pertz. Maskell, T.N.Z.I. xix. 53.

Family PRORODONTIDÆ.

- Prorodon**, Ehrenberg, 1834.
sulcatus, Maskell. T.N.Z.I. xix. 53.
Nassula, Ehrenberg, 1834.
ambigua, Stein. Maskell, T.N.Z.I. xx. 8.

Family PARAMECIDÆ.

- Paramecium**, Hill, 1851.
aurelia, Müller. Maskell, T.N.Z.I. xix. 53.
bursaria, Ehrenberg. Maskell, T.N.Z.I. xix. 53.

CLASS, MASTIGOPHORA.

Order CHOANOFLLAGELLATA.

Family SALPINGECIDÆ.

- Salpingœca**, Jas. Clark, 1866.
amphoridium, Clark. Maskell, T.N.Z.I. xix. 51.
inquillata, Kent. Maskell, T.N.Z.I. xx. 6.
steinii, Kent. Maskell, T.N.Z.I. xx. 7.

Family CODONOSIGIDÆ.

- Monosiga**, Saville-Kent.
consociata, Kent. Maskell, T.N.Z.I. xix. 51.
breviceps, Kent. Maskell, T.N.Z.I. xx. 6.
Codosiga, Jas. Clark, 1866.
botrytis, Ehrenberg. Maskell, T.N.Z.I. xx. 6.

Order FLAGELLATA.

Sub-order CILIO-FLAGELLATA.

Family PERIDINIIDÆ.

- Gymnodinium**, Stein, 1879.
varians, Maskell. T.N.Z.I. xx. 7.
Peridinium, Ehrenberg, 1832.
tabulatum, Ehrenberg. Maskell, T.N.Z.I. xix. 52.

Sub-order EUSTOMATA.

Family ANISONEMIDÆ.

Anisonema, Dujardin.**grande**, Ehrenberg. Maskell, T.N.Z.I. xx. 7.**ovatum**, Maskell. T.N.Z.I. xx. 7.

Family ZYGOSELMIDÆ.

Sterromonas, Saville-Kent, 1880.**formicina**, Kent. Maskell, T.N.Z.I. xix. 52.

Family CHRYSOMONADIDÆ.

Uvella, Bory, 1824.**virescens**, Ehrenberg. Maskell, T.N.Z.I. xix. 52.**Dinobryon**, Ehrenberg, 1834.**sertularia**, Ehrenberg. Maskell, T.N.Z.I. xix. 52.

Family EUGLENIDÆ.

Euglena, Ehrenberg, 1832.**viridis**, Ehrenberg. Maskell, T.N.Z.I. xix. 52.**spirogyra**, Ehrenberg. Maskell, T.N.Z.I. xix. 52.**acus**, Ehrenberg. Maskell, T.N.Z.I. xix. 52.**Amblyophis**, Ehrenberg, 1832.**viridis**, Ehrenberg. Maskell, T.N.Z.I. xix. 52.**Phacus**, Nitzsch, 1816.**triqueter**, Ehrenberg. Maskell, T.N.Z.I. xix. 52.**Trachelomonas**, Ehrenberg, 1834.**volvocina**, Ehrenberg. Maskell, T.N.Z.I. xix. 52.**armata**, Ehrenberg. Maskell, T.N.Z.I. xix. 52.**crenulatocollis**, Maskell. T.N.Z.I. xix. 52.**hispida**, Pertz. Maskell, T.N.Z.I. xx. 7.**teres**, Maskell. T.N.Z.I. xx. 7.**cylindrica**, Ehrenberg. Maskell, T.N.Z.I. xx. 7.

Family ASTASIADÆ.

Astasia, Ehrenberg, 1830.**trichophora**, Ehrenberg. Maskell, T.N.Z.I. xix. 52.

Family PARAMONADIDÆ.

Phialonema, Stein.**cyclostomum**, Stein. Maskell, T.N.Z.I. xix. 52.

Sub-order PANTOSTOMATA.

Family HETEROMITIDÆ.

Heteromita, Dujardin, 1840.**lens**, Müller. Maskell, T.N.Z.I. xix. 51.

Family SPONGOMONADIDÆ.

Rhipidodendron, Stein.*huxleyi*, Kent. Maskell, T.N.Z.I. xix. 51.*splendidum*, Stein. Maskell, T.N.Z.I. xx. 6.**Spongomonas**, Stein.*discus*, Stein. Maskell, T.N.Z.I. xix. 51.*sacculus*, Kent. Maskell, T.N.Z.I. xix. 51.

Family AMPHIMONADIDÆ.

Goniomonas, Stein.*truncata*, Fres. Maskell, T.N.Z.I. xix. 51.*elongata*, Maskell. T.N.Z.I. xx. 5.

Family BIKÆCIDÆ.

Stylobryon, Fromentel, 1875.*petiolatum*, Dujardin. Maskell, T.N.Z.I. xx. 5.

Family DENDROMONADIDÆ.

Dendromonas, Stein.*virgaria*, Weisse. Maskell, T.N.Z.I. xix. 51.*producta*, Maskell. T.N.Z.I. xx. 5.**Anthophysis**, Bory, 1822.*socialis*, Fromentel. Maskell, T.N.Z.I. xix. 51.*vegetans*, Müller. Maskell, T.N.Z.I. xix. 51.**Cephalothamnium**, Stein.*coronatum*, Maskell. T.N.Z.I. xx. 5.

Family CERCOMONADIDÆ.

Oikomonas, Saville-Kent, 1880.*mutabilis*, Kent. Maskell, T.N.Z.I. xix. 50.*termo*, Clark. Maskell, T.N.Z.I. xx. 5.

Family MONADIDÆ.

Monas, Müller, 1773.*fluida*, Dujardin. Maskell, T.N.Z.I. xix. 50.*attenuata*, Dujardin. Maskell, T.N.Z.I. xix. 50.*irregularis*, Pertz. Maskell, T.N.Z.I. xx. 4.**Scytomonas**, Stein.*pusilla*, Stein. Maskell, T.N.Z.I. xix. 50.

CLASS, RHIZOPODA.

Order FORAMINIFERA.

Family MILIOLIDÆ.

Nubecularia, DeFrance, 1825.*lucifuga*, DeFrance. Haeusler, T.N.Z.I. xix. 197.

- Biloculina**, d'Orbigny, 1826.
irregularis, d'Orbigny. Challenger Reports, ix. 140.
sphæra, d'Orbigny. Challenger Reports, ix. 141.
ringens, Lamarck. Challenger Reports, ix. 142.
comata, Brady. Challenger Reports, ix. 144.
depressa, d'Orbigny. Challenger Reports, ix. 145.
var. serrata, Brady. Challenger Reports, ix. 146.
var. murrhyna, Schwager. Challenger Reports, ix. 146.
- Spiroloculina**, d'Orbigny, 1826.
 Species undetermined. Haeusler, T.N.Z.I. xix. 197.
- Miliolina**, Williamson, 1858.
oblonga, Montagu. Challenger Reports, ix. 160.
valvularis, Reuss. Challenger Reports, ix. 161.
venusta, Karrer. Challenger Reports, ix. 162.
tricarinata, d'Orbigny. Challenger Reports, ix. 165.
secans, d'Orbigny. Haeusler, T.N.Z.I. xix. 198.
circularis, Bornemann. Challenger Reports, ix. 169.
labiosa, d'Orbigny. Haeusler, T.N.Z.I. xix. 198.
bicornis, Walker and Jacob. Haeusler, T.N.Z.I. xix. 198.
seminulum, Linnæus. Challenger Reports, ix. 157.
linnæana, d'Orbigny. Haeusler, T.N.Z.I. xix. 198.
- Planispirina**, Seguenza, 1880.
celata, Costa. Challenger Reports, ix. 197.
sigmoidea, Brady. Challenger Reports, ix. 197.
- Cornuspira**, Schultze, 1854.
foliacea, Philippi. Challenger Reports, ix. 199.

Family ASTRORHIZIDÆ.

- Pelosina**, Brady, 1879.
variabilis, Brady. Challenger Reports, ix. 235.
rotundata, Brady. Challenger Reports, ix. 236.
cylindrica, Brady. Challenger Reports, ix. 236.
- Technitella**, Norman, 1875.
melo, Norman. Challenger Reports, ix. 246.
- Bathysiphon**, Sars, 1871.
filiformis, Sars. Challenger Reports, ix. 248.
- Psammosphæra**, Schulze, 1874.
fusca, Schulze. Challenger Reports, ix. 249.
- Jaccullela**, Brady, 1879.
acuta, Brady. Challenger Reports, ix. 255.
- Hyperammira**, Brady, 1878.
friabilis, Brady. Challenger Reports, ix. 258.
ramosa, Brady. Challenger Reports, ix. 261.

Rhabdamina, Sars, 1868.

- abyssorum*, Sars. Haeusler, T.N.Z.I. xix. 198.
discreta, Brady. Challenger Reports, ix. 268.
linearis, Brady. Challenger Reports, ix. 269.
cornuta, Brady. Challenger Reports, ix. 270.

Family LITUOLIDÆ.

Reophax, Montfort, 1808.

- diffulgiformis*, Brady. Challenger Reports, ix. 289.
scorpiurus, Montfort. Challenger Reports, ix. 291.
dentaliniformis, Brady. Challenger Reports, ix. 293.
nodulosa, Brady. Challenger Reports, ix. 294.
guttifera, Brady. Challenger Reports, ix. 295.
distans, Brady. Challenger Reports, ix. 296.
adunca, Brady. Challenger Reports, ix. 296.

Haplophragmium, Reuss, 1860.

- agglutinans*, d'Orbigny. Challenger Reports, ix. 301.
tenuimargo, Brady. Challenger Reports, ix. 303.
foliaceum, Brady. Challenger Reports, ix. 304.
emaciatum, Brady. Challenger Reports, ix. 305.
latidorsatum, Bornemann. Challenger Reports, ix. 307.
scitulum, Brady. Challenger Reports, ix. 308.
glomeratum, Brady. Challenger Reports, ix. 309.
canariense, d'Orbigny. Haeusler, T.N.Z.I. xix. 198.
nanum, Brady. Challenger Reports, ix. 311.
globigeriniforme, Parker and Jones. Challenger Reports,
 ix. 312.

Placopsilina, d'Orbigny, 1850.

- bullata*, Brady. Challenger Reports, ix. 315.

Thurammina, Brady, 1879.

- papillata*, Brady. Challenger Reports, ix. 321.

Hormosina, Brady, 1879.

- globulifera*, Brady. Challenger Reports, ix. 326.
monile, Brady. Challenger Reports, ix. 328.
normani, Brady. Challenger Reports, ix. 329.

Ammodiscus, Reuss, 1861.

- incertus*, d'Orbigny. Challenger Reports, ix. 330.
tenuis, Brady. Challenger Reports, ix. 332.
charoides, Jones and Parker. Challenger Reports, ix. 334.

Trochammina, Jones and Parker, 1859.

- squamata*, Jones and Parker. Challenger Reports, ix. 337.
trullissata, Brady. Challenger Reports, ix. 342.
galeata, Brady. Challenger Reports, ix. 344.
pauciloculata, Brady. Challenger Reports, ix. 344.

- Webbina**, d'Orbigny, 1839.
clavata, Jones and Parker. Challenger Reports, ix. 349.
hemispherica, Jones and Parker. Challenger Reports,
 ix. 350.
- Cyclammina**, Brady, 1876.
cancellata, Brady. Challenger Reports, ix. 351.
orbicularis, Brady. Challenger Reports, ix. 353.
- Family TEXTULARIDÆ.
- Textularia**, DeFrance, 1824.
quadrilatera, Schwager. Challenger Reports, ix. 358.
concava, Karrer. Challenger Reports, ix. 360.
sagittula, DeFrance. Challenger Reports, ix. 361.
agglutinans, d'Orbigny. Challenger Reports, ix. 363.
aspera, Brady. Challenger Reports, ix. 367.
- Gaudryina**, d'Orbigny, 1840.
pupoides, d'Orbigny. Challenger Reports, ix. 378.
siphonella, Reuss. Challenger Reports, ix. 382.
- Verneuilina**, d'Orbigny, 1840.
pygmæa, Egger. Challenger Reports, ix. 385.
propinqua, Brady. Challenger Reports, ix. 387.
- Valvulina**, d'Orbigny, 1826.
concinna, Jones and Parker. Hæusler, T.N.Z.I. xix. 198.
- Clavulina**, d'Orbigny, 1826.
communis, d'Orbigny. Challenger Reports, ix. 394.
- Bulimina**, d'Orbigny, 1826.
elegans, d'Orbigny. Challenger Reports, ix. 398.
pyrula, d'Orbigny. Challenger Reports, ix. 399.
ovata, d'Orbigny. Challenger Reports, ix. 400.
affinis, d'Orbigny. Challenger Reports, ix. 400.
aculeata, d'Orbigny. Challenger Reports, ix. 406.
inflata, Seguenza. Challenger Reports, ix. 406.
buchiana, d'Orbigny. Challenger Reports, ix. 407.
- Virgulina**, d'Orbigny, 1826.
schreibersiana, Czjzek. Challenger Reports, ix. 414.
subsquamosa, Egger. Challenger Reports, ix. 415.
subdepressa, Brady. Challenger Reports, ix. 416.
- Bolivina**, d'Orbigny, 1839.
punctata, d'Orbigny. Hæusler, T.N.Z.I. xix. 198.
textularioides, Reuss. Challenger Reports, ix. 419.
- Cassidulina**, d'Orbigny, 1826.
subglobosa, Brady. Challenger Reports, ix. 430.
- Ehrenbergina**, Reuss, 1849.
serrata, Reuss. Challenger Reports, ix. 434.

Family CHILOSTOMELLIDÆ.

Chilostomella, Reuss, 1849.*ovoidea*, Reuss. Challenger Reports, ix. 436.

Family LAGENIDÆ.

Lagena, Williamson, 1848.*globosa*, Montagu. Challenger Reports, ix. 452.*apiculata*, Reuss. Haeusler, T.N.Z.I. xix. 198.*lævis*, Montagu. Challenger Reports, ix. 455.*truncata*, Brady. Challenger Reports, ix. 457.*hispidula*, Reuss. Challenger Reports, ix. 459.*striata*, d'Orbigny. Challenger Reports, ix. 460.*acuticosta*, Reuss. Challenger Reports, ix. 464.*gracilis*, Williamson. Challenger Reports, ix. 464.*striato-punctata*, Jones and Parker. Haeusler, T.N.Z.I. xix. 198.*squamosa*, Montagu. Challenger Reports, ix. 471.*hexagona*, Williamson. Challenger Reports, ix. 472.*marginata*, Walker and Boys. Challenger Reports, ix. 476.*var. semi-marginata*, Reuss. Challenger Reports, ix. 477.*quadriloculata*, Reuss. Challenger Reports, ix. 486.*auriculata*, Brady. Challenger Reports, ix. 487.**Nodosaria**, Lamarck, 1816.*lævigata*, d'Orbigny. Challenger Reports, ix. 490.*radicula*, Linnæus. Challenger Reports, ix. 495.*simplex*, Silvestri. Challenger Reports, ix. 496.*soluta*, Reuss. Challenger Reports, ix. 503.*communis*, d'Orbigny. Challenger Reports, ix. 504.*obliqua*, Linnæus. Challenger Reports, ix. 513.**Vaginulina**, d'Orbigny, 1826.*spinigera*, Brady. Challenger Reports, ix. 531.**Cristellaria**, Lamarck, 1816.*compressa*, d'Orbigny. Challenger Reports, ix. 538.*reniformis*, d'Orbigny. Challenger Reports, ix. 539.*rotulata*, Lamarck. Challenger Reports, ix. 547.*cultrata*, Montfort. Challenger Reports, ix. 550.**Polymorphina**, d'Orbigny, 1826.*angusta*, Egger. Challenger Reports, ix. 563.**Uvigerina**, d'Orbigny, 1826.*tenuistriata*, Reuss. Challenger Reports, ix. 574.*angulosa*, Williamson. Challenger Reports, ix. 576.*aculeata*, d'Orbigny. Challenger Reports, ix. 578.*asperula*, Czjzek. Challenger Reports, ix. 578.*var. auberiana*, d'Orbigny. Challenger Reports, ix. 579.

Family GLOBIGERINIDÆ.

- Globigerina**, d'Orbigny, 1826.
bulloides, d'Orbigny. Challenger Reports, ix. 593.
var. triloba, Reuss. Challenger Reports, ix. 595.
dubia, Egger. Challenger Reports, ix. 595.
inflata, d'Orbigny. Challenger Reports, ix. 601.
æquilateralis, Brady. Challenger Reports, ix. 605.
- Orbulina**, d'Orbigny, 1839.
universa, d'Orbigny. Challenger Reports, ix. 608.
- Pullenia**, Parker and Jones, 1862.
sphæroides, d'Orbigny. Challenger Reports, ix. 615.
quinqueloba, Reuss. Challenger Reports, ix. 617.
obliquiloculata, Parker and Jones. Challenger Reports,
 ix. 618.
- Sphæroidina**, d'Orbigny, 1826.
bulloides, d'Orbigny. Challenger Reports, ix. 620.
dehiscens, Parker and Jones. Challenger Reports, ix. 621.

Family ROTALIDÆ.

- Patellina**, Williamson, 1858.
corrugata, Williamson. Hæusler, T.N.Z.I. xix. 198.
- Discorbina**, Parker and Jones, 1862.
turbo, d'Orbigny. Hæusler, T.N.Z.I. xix. 199.
globularis, d'Orbigny. Hæusler, T.N.Z.I. xix. 199.
valvulata, d'Orbigny. Hæusler, T.N.Z.I. xix. 199.
rosacea, d'Orbigny. Hæusler, T.N.Z.I. xix. 199.
orbicularis, Terquem. Hæusler, T.N.Z.I. xix. 199.
- Truncatulina**, d'Orbigny, 1826.
lobatula, Walker and Jacob. Challenger Reports, ix. 660.
muellerstorfi, Schwager. Challenger Reports, ix. 662.
akneriana, d'Orbigny. Challenger Reports, ix. 663.
tenera, Brady. Challenger Reports, ix. 665.
pygmæa, Hantken. Challenger Reports, ix. 666.
- Pulvinulina**, Parker and Jones, 1862.
repanda, Fichtel and Moll. Hæusler, T.N.Z.I. xix. 199.
canariensis, d'Orbigny. Challenger Reports, ix. 692.
crassa, d'Orbigny. Challenger Reports, ix. 694.
micheliniana, d'Orbigny. Challenger Reports, ix. 694.
exigua, Brady. Challenger Reports, ix. 696.
pauperata, Parker and Jones. Challenger Reports, ix. 696.
elegans, d'Orbigny. Challenger Reports, ix. 699.
- Rotalia**, Lamarck, 1804.
beccarii, Linnæus. Hæusler, T.N.Z.I. xix. 199.
orbicularis, d'Orbigny. Challenger Reports, ix. 706.

- Rotalia soldani*, d'Orbigny. Challenger Reports, ix. 706.
clathrata, Brady. Challenger Reports, ix. 709.

Family NUMMULINIDÆ.

- Nonionina*, d'Orbigny, 1826.
depressula, Walker and Jacob. Haeusler, T.N.Z.I. xix. 199.
scapha, Fichtel and Moll. Haeusler, T.N.Z.I. xix. 199.
asteriscus, Walker and Jacob. Haeusler, T.N.Z.I. xix. 199.
umbilicatula, Montagu. Challenger Reports, ix. 726.
pompiloides, Fichtel and Moll. Challenger Reports, ix. 727.
- Polystomella*, Lamarck, 1822.
striatopunctata, Fichtel and Moll. Haeusler, T.N.Z.I. xix. 199.
crispa, Linnæus. Haeusler, T.N.Z.I. xix. 199.
macella, Fichtel and Moll. Haeusler, T.N.Z.I. xix. 199.

Order RADIOLARIA.

Sub-order SPUMELLARIA.

Series COLLODARIA.

Family THALASSICOLIDÆ.

- Thalassicolla*, Huxley, 1851.
australis, Haeckel. Challenger Reports, xviii. 20.
- Collozoum*, Haeckel, 1862.
inermis, Haeckel. Challenger Reports, xviii. 25.

Family SPHÆOZOIDÆ.

- Rhaphidozoum*, Haeckel, 1862.
australe, Haeckel. Challenger Reports, xviii. 48.

Series SPHÆRELLARIA.

Family COLLOSPHÆRIDÆ.

- Siphonosphæra*, Müller, 1858.
fragilis, Haeckel. Challenger Reports, xviii. 106.

Family DRUPPULIDÆ.

- Stylatractus*, Haeckel, 1887.
disetaneus, Haeckel. Challenger Reports, xviii. 331.

Series ACANTHOMETRA.

Family ASTROLOPHIDÆ.

- Actinelius*, Haeckel, 1865.
protogenes, Haeckel. Challenger Reports, xviii. 730.

Sub-order ACANTHARIA.

Series ACANTHOMETRA.

Family ASTROLONCHIDÆ.

- Stauracantha*, Haeckel, 1881.
orthostaura, Haeckel. Challenger Reports, xviii. 762.

Pristacantha, Haeckel, 1887.
polyodon, Haeckel. Challenger Reports, xviii. 766.

Series ACANTHOPHRACTA.

Family DORATASPIDÆ.

Dodecaspis, Haeckel, 1887.
trizonia, Haeckel. Challenger Reports, xviii. 835.

Sub-order NASSELLARIA.

Series PLECTELLARIA.

Family PLAGONIDÆ.

Hexaplagia, Haeckel, 1881.
australis, Haeckel. Challenger Reports, xviii. 916.

Series CYRTELLARIA.

Family TRIPOCYRTIDÆ.

Lampromitra, Haeckel, 1881.
huxleyi, Haeckel. Challenger Reports, xviii. 1215.

Sub-order PHÆODARIA.

Series PHÆOCYSTINA.

Family AULACANTHIDÆ.

Aulodendron, Haeckel, 1887.
australe, Haeckel. Challenger Reports, xviii. 1589.

Series PHÆOGROMIA.

Family CASTANELLIDÆ.

Castanidium, Haeckel, 1879.
bromleyi, Haeckel. Challenger Reports, xviii. 1685.

Order LOBOSA.

Family AMŒBIDÆ.

Amœba, Ehrenberg, 1830.
 Several undetermined species.

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,, 38.—*Anchylochilus subarquatus*, Guildenst. C.B.M. xxiv. 386; T.N.Z.I. xxxvi.

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- ,, 44.—*Centrolophus britannicus*, Gunther. Cat. Fishes B.M. ii. 402; T.N.Z.I. xxxvi.
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calcaratatum, Broun. A.M.N.H. 7, xi. 455.
- „ 143.—*Dichrochile cordicollis*, Broun. A.M.N.H. 7, xi. 455.
- „ 144.—*Anchomenus walkeri*, Broun. A.M.N.H. 7, xi. 456.
- „ 145.—*Trichosternus walkeri*, Broun. A.M.N.H. 7, xi. 602.
akaroaensis, Broun. A.M.N.H. 7, xi. 603.
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- „ 146.—*Pterostichus kirkianus*. A.M.N.H. 7, xi. 604.
memes, Broun. A.M.N.H. 7, xi. 605.
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- „ 147.—*Allocinopus sculpticollis*, Broun. A.M.N.H. 7, xi. 608.
- „ 149.—*Tarastethus simplex*, Broun. A.M.N.H. 7, xi. 457.
lævicollis, Broun. A.M.N.H. 7, xi. 458.
- „ 149.—*Oöpterus latipennis*. Broun. A.M.N.H. 7, xi. 609.
probus, Broun. A.M.N.H. 7, xi. 610.
parvulus, Broun. A.M.N.H. 7, xi. 610.
- „ 149.—*Bembidium actuarium*, Broun. A.M.N.H. 7, xi. 611.
- „ 151.—*Scopodes viridis*, Broun. A.M.N.H. 7, xi. 612.
- „ 152.—*Rygmodes nigripennis*, Broun. A.M.N.H. 7, xi. 612.
- „ 152.—*Cytomissus glabratus* Broun. A.M.N.H. 7, xi. 613.
- „ 152.—*Zeadolopus spinipes*, Broun. A.M.N.H. 7, xi. 614.
- „ 171.—*Pycnomerus nitiventris*, Broun. A.M.N.H. 7, xi. 617.
- „ 171.—*Bothrideres picipes*, Broun. A.M.N.H. 7, xi. 618.
- „ 184.—*Trogophlæus maritimus*, Broun. A.M.N.H. 7, xi. 615.
- „ 185.—*Syrphetodes simplex*, Broun. A.M.N.H. 7, xii. 69.
- „ 190.—*Thelyphassa furcata*, Broun. A.M.N.H. 7, xii. 70.
- „ 190.—*Techmessa longicollis*, Broun. A.M.N.H. 7, xii. 70.
- „ 190.—*Exocalopus antennalis*, Broun. A.M.N.H. 7, xii. 71.
- „ 196.—*Hylobasius cognatus*, Broun. A.M.N.H. 7, xii. 82.
laticollis, Broun. A.M.N.H. 7, xii. 83.
gracilipes, Broun. A.M.N.H. 7, xii. 84.
genalis, Broun. A.M.N.H. 7, xii. 84.

- Page 199.—*Cecyropa lineifera*, Broun. A.M.N.H. 7, xii. 72.
striata, Broun. A.M.N.H. 7, xii. 73.
 „ 202.—*Brachylous albescens*, Broun. A.M.N.H. 7,
 xii. 73.
cervalis, Broun. A.M.N.H. 7, xii. 74.
 „ 202.—*Aphela pictipes*, Broun. A.M.N.H. 7, xii. 75.
 „ 202.—*Anagotus pallescens*, Broun. A.M.N.H. 7, xii. 76.
 „ 202.—*Sargon carinatus*, Broun. A.M.N.H. 7, xii. 77.
 „ 202.—*Memes rufirostris*, Broun. A.M.N.H. 7, xii. 79.
 „ 202.—*Xerostygnus binodulus*, Broun. A.M.N.H. 7, xii.
 80.
 „ 209.—*Stephanorhynchus pygmæus*, Broun. A.M.N.H.
 7, xii. 80.
 „ 209.—*Drototelus politus*, Broun. A.M.N.H. 7, xii. 82.
 „ 209.—*Eualema walkeri*, Broun. A.M.N.H. 7, xii. 86.

HEMIPTERA.

- „ 222.—*Henicocephalus maclachlani*, Kirkaldy. Ent. Mag.
 xxxvii. 217 (1901).

MYRIAPODA.

- „ 236.—*Necrophlæosphagus spenceri*, Pocock. A.M.N.H.
 7, viii. 462.

ARACHNIDA.

- „ 246.—*Eylais schauinslandi*, Koenike. Zool. Jahrb. Syst.
 xiii. 125 (1901).

PEDIPALPIDA.

- „ 246.—*Pantopsalis coronata*, Pocock. A.M.N.H. 7, xi.
 436.
trippi, Pocock. A.M.N.H. 7, xi. 437.
jenningsi, Pocock. A.M.N.H. 7, xi. 437.
 „ 246.—*Sorensenella bicornis*, Pocock. A.M.N.H. 7, xi.
 439.

CRUSTACEA.

- Page 250.—*Pinnotheres schauinslandi*, Lenz. Zool. Jahrb. Syst. xiv. 468 (1901).
,, 251.—*Eupagurus intermedius*, Lenz. Zool. Jahrb. Syst. xiv. 446 (1901).

OLIGOCHÆTA.

- ,, 283.—*Notiodrilus aucklandicus*, Benham. T.N.Z.I. xxxv. 275.

HIRUDINEA.

- ,, 285.—*Hirudo antipodum*, Benham. T.N.Z.I. xxxvi.

POLYZOA.

- ,, 292.—*Paludicella ehrenbergi*, Van Beneden. T.N.Z.I. xxxv. 262.

CŒLEENTERATA.

- ,, 319.—*Eucopeella crenata*, Hartlaub. Zool. Jahrb. Syst. xiv. 364 (1901).

APPENDIX.

PHYLUM, ANNULATA.

CLASS, POLYCHÆTA.

The following additional identifications were received from Ehlers since the list on pp. 276-282 was printed :—

Family SYLLIDÆ.

Syllis closterbranchia, Schmarda. N.W.Th. (2), 72, *fide* Ehlers MS.

Trypanoscyllis, Claparède, 1864.
occipitalis, Ehlers M.S.

Family APHRODITIDÆ.

'**Polynoe**' **australis**, Schmarda. N.W.Th. (2), 154, *fide* Ehlers MS.

Family LYCORIDÆ.

Nereis amblyodonta, Schmarda (*Nereilepas a.*). N.W.Th. (2), 106, *fide* Ehlers MS.

Family EUNICIDÆ.

Lumbriconereis brevicirrus, Schmarda (*Notocirrus b.*). N.W.Th. (2), 117, *fide* Ehlers MS.

Stauronereis australis, Haswell. P.L.S.N.S.W. x. 747, *fide* Ehlers MS.

Family SPIONIDÆ.

Spio, Lamarck, 1818.
æqualis, Ehlers MS.

Polydora, Bosc, 1802.
polybranchia, Haswell. P.L.S.N.S.W. x. 275, *fide* Ehlers MS.
monilaris, Ehlers M.S.

Family TERESELLIDÆ.

Leprea, Malmgren, 1865.
orotavæ, Langerhaus, *fide* Ehlers MS.

Family SCALIBREGMIDÆ.

Eumenia analis, Ehlers MS.

Family CHLORÆMIDÆ.

Flabelligera semiannulata, Ehlers MS.

CLASS, OLIGOCHÆTA.

The following additional Oligochaeta have been identified since pp. 283-285 were printed:—

Family PHREODRILIDÆ.

Phreodrilus, Beddard, 1891.

lacustris, Benham. Q.J.M.S. 1903.

mainensis, Benham. Q.J.M.S. 1903.

beddardi, Benham. Q.J.M.S. 1903.

Family TUBICIFIDÆ.

Taupodrilus, Benham, 1903.

simplex, Benham. P.Z.S. 1903.

Limnodrilus vejsovskyanus, Benham. P.Z.S. 1903.

lucasi, Benham. P.Z.S. 1903.

Family ENCHYTRÆIDÆ.

Euchytræus, Heule, 1837.

simulans, Benham. P.Z.S. 1903.

Achæta, Vejsdovsky, 1877.

maorica, Benham. P.Z.S. 1903.

Family HAPLOTAXIDÆ.

Haplotaxis heterogyne, Benham. Q.J.M.S. 1903.

Family MEGASCOLIDÆ.

Plutellus, Perrier, 1873.

lacustris, Benham. P.Z.S. 1903.

Diporochæta aquatica, Benham. P.Z.S. 1903.

LIST OF NATURALISED ANIMALS.

This list includes those animals which have been introduced, either intentionally or unintentionally, by human agencies, and have become so well established that they may be considered as part of the fauna. Domesticated animals which have not gone wild are not included.

MAMMALIA.

- Mustelus putorius**, Linnæus. (Ferret.) Europe.
 erminea, Linnæus. (Stoat.) Europe.
 vulgaris, Gmelin. (Weasel.) Europe.
Erinaceus europeus, Linnæus. (Hedgehog.) Europe.
Mus decumanus, Pallas. (Brown rat.) Europe.
 rattus, Linnæus. (Black rat.) British islands.
 exulans, Peale. (Maori rat.) Polynesia.
 musculus, Linnæus. (Mouse.) Europe.
Cervus elaphus, Linnæus. (Red deer.) Europe.
Dama vulgaris, Gray. (Fallow deer.) Europe.
Sus scrofa, Linnæus. (Pig.) Europe and North Africa.
Halmaturus, sp. (Rock wallaby.) Australia.
Trichosurus fuliginosus, Ogilby. (Sooty opossum.) Tasmania.
 vulpecula, Kerr. (Opossum.) Australia.

AVES.

- Turdus musicus**, Linnæus. (Song-thrush.) Europe.
 merula, Linnæus. (Blackbird.) Europe.
Accentor modularis, Linnæus. (Hedge-sparrow.) Europe.
Passer domesticus, Linnæus. (Sparrow.) Europe.
Ligurinus chloris, Linnæus. (Greenfinch.) Europe.
Fringilla cœlebs, Linnæus. (Chaffinch.) Europe.
Carduelis elegans, Stephens. (Goldfinch.) Europe.
Linota rufescens, Vieillart. (Red-poll.) Europe.
Emberiza citrinella, Linnæus. (Yellow-hammer.) Europe.
 cirlus, Linnæus. (Cirl-bunting.) Europe.
Sternus vulgaris, Linnæus. (Starling.) Europe.
Acridotheres tristis, Linnæus. (House mynah.) India

- Corvus frugilegus*, Linnæus. (Rook.) Europe.
Gymnorhina leuconota, Gould. (Australian magpie.) Australia.
Alauda arvensis, Linnæus. (Skylark.) Europe.
Cygnus olor, Gmelin. (White swan.) Europe.
 atratus, Lathrades. (Black swan.) Australia.
Synœcus australis, Lathrades. (Swamp quail.) Australia.
Callipepla californica, Shaw. (Californian quail.) California.
Phasianus colchicus, Linnæus. (Pheasant.) England.
 torquatus, Gmelin. (Ring-necked pheasant.) China.

AMPHIBIA.

- Hyla aurea*, Lesson. (Green frog.) Australia.

PISCES.

- Perca fluviatilis*, Linnæus. (Perch.) Europe.
Salmo fario, Linnæus. (Trout.) Europe.
 iridens, Mitchell. (Rainbow trout.) California.
Carassius vulgaris, Nilsson. (Carp.) Europe.
 auratus, Linnæus. (Gold-fish.) China.

MOLLUSCA.

PULMONATA.

- Limnæa stagnalis*, Linnæus. Europe.
Testacella maugei, Férussac. (*T. vagans*, Hutton.) Europe.
Limax agrestis, Linnæus. (Slug.) (*L. molestus*, Hutton.) Europe.
 maximus, Linnæus. Europe.
 variegatus, Drapanaud. Europe.
Amalia gagates, Drapanaud. Europe.
 (= *L. fuliginosa*, Gould; *L. antipoda*, Pfeiffer); and *M. emarginata*, Hutton.
Hyalina cellaria, Mueller. (*H. corneo-fulva*, Pfeiffer.) Europe.
 alliaria, Mueller. Europe.
 crystallina, Mueller. Europe.
Helix hortensis, Mueller. Europe.
 aspera, Mueller. (Garden snail.) Europe.
Helicella caperata, Montagu. Europe.
Cochlostyla fulgetrum, Broderip. (*B. antipodarum*, Gray.) Philippines.

- Cochlostyla daphnis*, Broderip. Philippines.
tricolor, Pfeiffer. Solomon Islands.
Vallonia excentrica, Sterki. Europe and North America.
Arion empiricorum, Férussac. Europe.
subfusca, Drapanand. (*A. incommodus*, Hutton.) Europe.
hortensis, Férussac. Europe.
Cochlicopa lubrica, Mueller. Europe.

HYMENOPTERA.

APIDÆ.

- Apis mellifica*, Linnæus. (Honey-bee.) Asia (?).
ligustica, Spin. (Ligurian bee.) Italy.
Bombus terrestris, *var. virginalis*, Kirby. (Humble-bee.)
 Europe.
hortorum, Linnæus. Europe.
hortorum, *var. harrisellus*, Kirby. Europe.

FORMICIDÆ.

- Prenolepis longicornis*, Fabricius. Europe and Asia.
 T.N.Z.I. xxxiii. 120.

PARASITICA.

- Lissopimpla semipunctata*, Kirby. Australia (?).
Bassus lætatorius, Fabricius. (*S. varipes*, Smith; *B. generosus*, Cameron.) Europe.
Dacnusa, sp. Cameron, Manchester Memoirs, xlvi. p. 26.
Eulophus albitarsis, Ashmead. North America.

TENTHREDINIDÆ.

- Eriocampa adumbrata*, Klug. (*Monostegia antipoda*, Kirby.)
 (Slug-worm.) Europe.

LEPIDOPTERA.

CARADRINIDA.

- Utethesia pulchella*, Linnæus. Europe.

PYRALIDINA.

- Melliphora grisella*, Fabricius. Europe.
Pyralis farinella, Linnæus. Europe.

TORTRICINA.

- Carpocapsa pomonella*, Linnæus. (Codlin moth.) Europe.

TINEINA.

- Trochilium tipuliforme*, Cramer. (Currant moth.) Europe.
Œcophora pseudospretella, Stainton. Europe.
Plutella cruciferarum, Zeller. Europe.
Chorentis bjerkandrella, Thunberg. Europe.
Bedellia somnulentella, Zeller. Europe.
Monopsis ferruginella, Hübner. Europe.
 ethelella, Newman. Europe.
Tineola biselliella, Humboldt. Europe.
Trichophaga tapetiella, Linnæus. (Clothes moth.) Europe.
Tinea fuscipunctella, Hawthorn. Europe.
 terranea, Butler. Europe.
Lita solanella, Boisduval. (Potato moth.) Africa (?).

DIPTERA.

SCHIZOPHORA.

- Gasterophilus equi*, Meigen. (Bot-fly.) Europe.
 hæmorrhoidalis, Linnæus. Europe.
Œstrus ovis, Linnæus. Europe.
Sarcophaga impatiens, Walker. Australia.
Lucilia cæsar, Linnæus. (Greenbottle.) Europe.
Calliphora erythrocephala, Meigen. (Bluebottle.) Europe.
Musca domestica, Linnæus. (House-fly.) Europe.
 corvina, Fabricius. (*vide* Hilgendorf.) Europe.
Muscina stabulans, Meigen. Europe.
Stomoxys calcitrans, Fabricius. (Horse-fly.) Europe.
Homalomyia canicularis, Linnæus. Europe.
Tephrites tryoni, Froggart. Australia.

ASCHIZA.

- Eristalis tenax*, Linnæus. (Drone-fly.) Europe.

NEMOCERA.

- Cecidomyia destructor*, Say. (Hessian-fly.) N. America (?).
Scatopse notata, Linnæus. Europe.
Psychoda phalænoides, Linnæus. Europe.

PUPIPARA.

- Melophagus ovinus*, Linnæus. Europe.

APHANOPTERA.

- Pulex irritans*, Linnæus. (Flea.) Europe (?).
 serraticeps, Gervasson. (Dog-flea.) Europe.
 avium, Taschb. (Pigeon-flea.) Europe.

COLEOPTERA.

LAMELLICORNIA.

- Onthophagus granulatus*, Boh. Australia.
posticus, Erichson. Australia.
Aphodius granarius, Linnæus. Europe.
Proctophanes sculptus, Hope. Australia.
Trox, sp. Reported by Dr. Swale.

ADEPHAGA.

- Læmosthenes complanatus*, Dejean. S. Europe, &c.
Rhytisternus puella, Chaudoir. New South Wales.
Hypharpax australasiæ. Dejean. Australia.
australis. Dejean. Australia.
Agonochila binotata, White. Australia.

POLYMORPHA.

- Hydrobius assimilis*, Hope. Australia.
Paracymus nitidiusculus. Australia.
Cyclonotum marginale, Sharp. Australia.
Cercyon flavipes, Fabricius. Europe.
Homalota sordida, Marsham. Europe.
Quedius fulgidus, Fabricius. Europe.
Philonthus æneus, Rossi. Europe.
scybalarius. Europe.
affinis, Roth. Europe.
nigritulus, Gravenhorst. Europe.
Xantholinus punctulatus, Paykull. Europe.
Oxytelus rugosus. Australia.
Carcinops 14-striata, Stephens. Europe.
Platysoma bakewelli, Marseul. Australia.
Carpophilus hemipterus, Linnæus. Cosmopolitan.
mutilatus, Erichson. Cosmopolitan.
Osmosita colon, Linnæus. Europe.
Tenebrioides mauritanicus, Linnæus. Cosmopolitan.
Silvanus surinamensis, Linnæus. Cosmopolitan.
unidentatus, Fabricius. Europe.
Coccinella 11-punctata, Linnæus. (Lady-bird.) Europe.
Novius cardinalis, Mulsart. Australia.
Monotoma picipes, Herbst. Europe.
sub-4-foveolata, Watson. Europe.
spenicollis, Aubé. Europe.
Coniuomus nodifer, Westwood. Europe.
Metiorhynchus rufipennis, Fabricius. Tasmania.
Dermestes vulpinus, Fabricius. Cosmopolitan.
lardarius, Linnæus. Cosmopolitan.

- Anthrenus mussæorum*, Linnæus. Cosmopolitan.
Lyctus brunneus, Stephens. Europe.
Ptinus fur, Linnæus. Cosmopolitan.
Anobium domesticum, Linnæus. (Wood-borer.) Europe.
paniceum, Linnæus. Cosmopolitan.
Necrobia ruficollis, Fabricius. Cosmopolitan.
rufipes, De Geer. Cosmopolitan.
Buprestis lauta, Leconte. North America.
Stigmodera gulielmi, White. Australia.
Lacon variabilis, Candèze.* Australis.
Monocrepidius exsul, Sharp. Australis.

HETEROMERA.

- Tenebrio obscurus*, Fabricius. Cosmopolitan.
molitor, Linnæus. Cosmopolitan.
Gnathocerus cornutus, Fabricius. Europe.
Tribolium ferrugineum, Fabricius. Cosmopolitan.
Anthicus floralis, Linnæus. Europe.
Macerdes melanura, Schmidt. Europe.

PHYTOPHAGA.

- Bruchus rufimanus*, Boh. Europe.
Hylotrupes bajulus, Linnæus. (T.N.Z.I. vii. 320.) Europe.
Phoracantha recurva, Newman. (T.N.Z.I. vi. 154.) Australia.
Callirhoe allaspæ, Newman. Australia.
Tessaromma undatum, Newman. Australia.

RHYNCHOPHORA.

- Doticus pestilens*, Oliff. Australia.
Otiorhynchus sulcatus, Fabricius. Europe.
Gonypterus sp. Australia.
Calandra granaria, Linnæus. Cosmopolitan.
oryzæ, Linnæus. Cosmopolitan.
Anthrenomus pomorum, Linnæus. Europe.
Sitones lineatus, Linnæus. Europe.

HEMIPTERA.

HETEROPTERA.

- Sciocoris helferi*, Fieber. Reported by Novara Expd. Europe.
Nezara prasina, Linnæus(?). Europe.

* In T.N.Z.I. xxx. 156, I mentioned *Lacon murinus* as introduced into the Chatham Islands. This is a mistake, as the insect referred to is really *Psorochroa granulata*.

- Nabis lineatus*, Dahlberg (?). Europe.
Cimex lectularius, Linnæus. (Bed-bug.) Europe.

HOMOPTERA.

- Ricania australis*, Walker. Australia.
Aspidiotus aurantii, Maskell. T.N.Z.I. xxvii. 2. Australia, &c.
budleïæ, Signoret. Europe.
camelliæ, Signoret. Europe.
epidendrii, Bouché. Europe.
nerii, Bouché. Europe.
Diaspis boisduvalii, Signoret. Europe.
rosæ, Sandberg. Europe.
Mytilaspis citricola, Packard. North America.
pomorum, Bouché. Europe.
Chionaspis citri, Comstock. North America.
Leucanium hemisphæricum, Targioni-Tozzetti. Europe.
hesperidum, Linnæus. Europe.
hibernaculorum, Boisduval. Europe.
maculatum, Signoret. Europe.
mori, Signoret. Europe.
nigrum, Nietner. Australia.
oleæ, Bernard. Europe.
ribis, Fitch. North America.
Pulvinaria camellicola, Signoret. Europe.
Dactylopius adonidum, Linnæus. Europe.
Siphonophora rosæ, Reaum. (Rose aphid.) Europe.
granaria, Kirby. Europe.
Mysus cerasi, Fabricius. Europe.
Aphis brassicæ, Linnæus. Europe.
Chermes corticalis, Kaltenbach. Europe.
pini, Koch. (T.N.Z.I. xviii. 13.) Europe.
Schizoneura lanigera, Haus. (Woolly aphid.) Europe.
Phylloxera vastatrix, Planchon. Europe.
Rhizobius graminis, Thompson. Europe.

ANOPLERA.

- Pediculus capitis*, Nitzsch. (Louse.) Cosmopolitan.
vestimenti, Nitzsch. Cosmopolitan.
Hæmatopinus eurysternus, Nitzsch. Cosmopolitan.

ORTHOPTERA.

- Gryllus servillei*, Saussure. (Field-cricket.) Australia.
Cœdicia olivacea, Brunner. Australia.
Orthodera ministralis, Fabricius. (T.N.Z.I. xxix. 242)
 Mantis. Australia.

- Blatta germanica*, Linnæus. (Cockroach.) Cosmopolitan.
latipennis, Brunner. India (?).
Polyzosteria truncata, Brunner. Australia.
Periplaneta americana, Linnæus. Cosmopolitan.
Forficula auricularia, Linnæus. (Ear-wig.) Europe.
Chelisoches morio, Fabricius. Malay Archipelago.

NEUROPTERA.

- Chrysopa perla*, Schneider. Europe. (*Fide* Hilgendorf.)
Trichodectes scalaris, Nitzsch. (Ox-louse.)

THYSANOPTERA.

- Thrips* sp.

APTERA.

- Lepisma saccharina*, Linnæus. (Silver-fish.) Cosmopolitan.
Entomobrya multifasciata, Tullberg. Smith, T.N.Z.I. xxviii.
 475.
Achorutes armatus, Nicolet. Smith, T.N.Z.I. xxviii. 475.

ARACHNIDA.

ARANEIDA.

- Theridion tepidariorum*, Blackwall. (House-spider.) Europe ?
rufipes, Lucas. Simon, Zool. Jahr. 1899, 422. Europe
 and Asia.
Walckenaera cristata, Blackwall. Europe.

ACARINA.

- Ixodes ricinus*, Linnæus. (Sheep-tick.) Europe.
Tyroglyphus siro, Linnæus. (Cheese-mite.) Cosmopolitan.
Glycyphagus domesticus, de Geer. (Common-mite.) Cosmo-
 politan.
Tetranychus telarius, Linnæus. (Red-spider.) Cosmopolitan.
 Morton, T.N.Z.I. vi. 380.

CRUSTACEA.

ISOPODA.

- Porcellio scaber*, Latreille. (Wood-louse.) Chilton, T.L.S.
 Zool. viii. 139. Cosmopolitan.
Armadillidium vulgare, Latreille. Chilton, T.L.S. Zool. viii.
 149. Europe.

ANNULATA.

OLIGOCHÆTA.

- Eiseniella tetraedrus**, Savigny. Europe.
Eisenia foetida, Savigny. Europe.
 rosea, Savigny. Europe.
Helodrilus caliginosus, Savigny. Europe.
 rubidus, Savigny. Europe.
Otoclasium cyaneum, Savigny. Europe.
Lumbricus rubellus, Hoffmeister. (*L. campestris*, Hutton.)
 Europe.
 castaneus, Savigny. Europe.
 terrestris, Linnæus. T.N.Z.I. xxv. 117 (*vide* Smith). Europe.
Didymogaster sylvatica, Fletcher. New South Wales.
Eudrilus eugeniæ, Kinberg. Equatorial West Africa, but
 widely spread in the tropics.
Pontoscolex corethrurus, Fr. Müller. Central America, but
 widely spread in the tropics.

PLATYHELMINTHES.

TURBELLARIA.

- Geoplana sanguinea**, Moseley. T.N.Z.I. xxvii. 178. Australia.
 cærulea, Moseley. T.N.Z.I. xxvii. 181. Australia.
Placocephalus kewensis, Moseley. Cosmopolitan.
Platydesmus moseleyi, Fletcher and Hamilton. T.N.Z.I.
 xxvii. 189. Australia.

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