

Census of Antarctic Marine Life
SYNOPSIS OF THE AMPHIPODA
OF THE SOUTHERN OCEAN

Edited by Claude DE BROYER

Volume 1:
Part 1. Catalogue of the Gammaridean and Corophiidean Amphipoda
(Crustacea)
of the Southern Ocean
with distribution and ecological data
by
Claude DE BROYER, James K. LOWRY,
Krzysztof JAŹDŹEWSKI & Henri ROBERT

Part 2. Interactive key to the families and subfamilies of benthic
Amphipoda (Crustacea)
of the Southern Ocean (CD-ROM)
by
James K. LOWRY

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Synopsis of the Amphipoda of the Southern Ocean

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Part 2: Interactive key to the families and subfamilies of benthic Amphipoda (Crustacea) of the Southern Ocean

By James K. LOWRY

CD-ROM in annex.

ABSTRACT

A catalogue of Antarctic and sub-Antarctic species of gammaridean and corophiidean amphipods (Crustacea: Peracarida: Amphipoda) is established including full synonymy, complete distribution records and bibliographical references. The catalogue comprised 815 described species (benthic, benthopelagic, pelagic, semi-terrestrial and ectoparasitic on whales) and 70 unidentified taxa. Among the described species, 536 occur in Antarctic waters south of the Polar Front and 407 in sub-Antarctic waters between the Polar Front and the Sub-Tropical Front zone (i.e. in the sub-Antarctic Islands sub-region and the Magellan sub-region of South America); 128 species are distributed in both regions. Detailed information on geographic and bathymetric distribution is given for all species, completed with the available habitat data. The catalogue is based on taxonomic and ecological literature (945 references) checked until 31 December 2005 and covered more than 7000 distribution records. Some unpublished species records from the Antarctic and sub-Antarctic collections of the Royal Belgian Institute of Natural Sciences (Brussels, Belgium), the Alfred Wegener Institute for Polar and Marine Research (Bremerhaven, Germany), the Museum für Naturkunde (Berlin, Germany) and the Laboratory of Polar Biology and Oceanobiology, University of Łódź (Poland) have been included.

Keywords

Amphipoda, Antarctic, Sub-Antarctic, Southern Ocean, biodiversity, faunistics, taxonomy, distribution, biogeography, Census of Marine Life.

RÉSUMÉ

Un catalogue des espèces antarctiques et subantarctiques d'amphipodes gammariens et corophiidiens (Crustacea: Peracarida: Amphipoda) est établi, comprenant la synonymie complète, les données de distribution et les références bibliographiques. Le catalogue inclut 815 espèces décrites (benthiques, benthopélagiques, pélagiques, semi-terrestres et ectoparasites de cétacés) et 70 taxa non identifiés. Parmi les espèces décrites, 536 sont présentes dans les eaux antarctiques, au sud du Front Polaire, et 407 dans les eaux subantarctiques, entre le Front Polaire et la zone du Front Subtropical (c.à.d. dans la région des Iles Subantarctiques et dans la région magellanique d'Amérique du Sud); 128 espèces sont présentes dans les deux zones, antarctique et subantarctique. Les données de distribution géographique et bathymétrique sont présentées en détail ainsi que les données d'habitat disponibles. Le catalogue est basé sur la littérature taxonomique et écologique dépouillée jusqu'au 31 décembre 2005 (945 références) et couvre plus de 7000 signalements. Des récoltes inédites des collections antarctiques et subantarctiques de l'Institut royal des Sciences naturelles de Belgique, de l'Alfred Wegener Institute for Polar and Marine Research (Bremerhaven, Germany), du Museum für Naturkunde (Berlin, Germany) et du Laboratory of Polar Biology and Oceanobiology, University of Łódź (Poland) ont été incluses.

Mots-clés

Amphipoda, Antarctique, Subantarctique, biodiversité, faunistique, taxonomie, distribution, biogéographie, Recensement de la Vie Marine

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Preface

During my long life as an amphipodologist I had the chance, in 1982, to ask Théodore Monod to write the preface to the first volume of “The Amphipoda of the Mediterranean”. That work in a certain sense inspired the “Synopsis for the Amphipoda of the Southern Ocean” for which I am now asked to write the preface. I accept the commitment and I consider it a privilege to present a work so long awaited, since until today everybody who needed to identify Antarctic amphipods had to resort to several hundreds of specialist works in a variety of publications or in the series of reports of geographical expeditions that have punctuated the history of Antarctic researches, ever since over a century ago.

Today the amphipods of Antarctic and sub-Antarctic fauna, except the Hyperiid, totalized 815 species, a number that places these Crustaceans among the animals with the highest biodiversity for the Southern Ocean fauna. The knowledge of biodiversity at the specific level, which also allows to consider its variations due to environmental changes and thus to monitor anthropic pressure in time, has as its indispensable basis the identification of living species. This is the duty of taxonomy, which until a few years ago was considered an obsolete discipline of biology, but must be revalued and expanded, in close connection to ecology and molecular biology. The work which I am happy to present has this purpose and it is no chance that it was born in a great museum as the Institut Royal des Sciences Naturelles de Belgique. Today a work of this kind must be realised by a team, and this has already been the case for the preparation of “The Amphipods of the Mediterranean”. However, an editor was needed who believed in the feat and helped the plan be born and develop, in cooperation with the 16 amphipodologists of 11 countries, chosen for its realisation. This person is my friend Claude De Broyer who, with organizational capability and great tenacity, completed the first stage of a journey which I hope will not be too long. To Claude De Broyer and all the authors are due the thanks of all of us amphipodologists.

The first volume begins with a novelty for a taxonomic work since it contains the “Catalogue of the Gammaridean and Corophiidean Amphipoda of the Southern Ocean”. This is uncommon for a work that is destined to the identification of species but, I believe, is very practical because the Catalogue, over 300-pages-long, includes the citation of all the authors who have considered every species, the detailed geographic distribution, the depth range, the type-locality (with the geographic coordinates, if known) and the type specimen location. All the above allow to significantly lighten the part that is destined to the identification of taxa, to the great advantage of the users, through illustrated keys of genera and species, as electronic interactive keys up to the rank of subfamily are planned.

Amphipod systematics is conveniently represented along an alphabetical order because, due to the nearly absolute absence of paleontological proof, little or nothing can be said about an arrangement that can reflect its evolution. However, the results of the cladistic analysis are considered, which cancelled the suborder Caprellidea, instituted the suborder Corophiidean (Myers & Lowry, 2003) and considers the superfamily Talitroidea (Serejo, 2004). The question mark still remains on the superfamily Hadzioidea that hopefully can soon be reconsidered and clearly reordered. From a zoogeographic viewpoint, the total absence of the Gammaridae, which are so characteristic of the boreal hemisphere, catches the eye.

This work comes out in 2007, exactly 300 years since the birth of Carl Linnaeus. It can therefore be considered a significant tribute to the great naturalist whose system still today allows to use a conventional means, accepted unanimously, for naming living beings, through an historical and immutable language, and for ordering their units based on the progress of research. This work represents the state of the art of the knowledge on Antarctic marine amphipods, so it allows to increase with greater certainty all what we know today about a group of animals of great environmental importance.

Best wishes to the future scholars who now have the luck to have such an instrument at their disposal!

Sandro Ruffo

Foreword to the *Synopsis of the Amphipoda of the Southern Ocean*

Amphipod crustaceans are one of the most speciose animal groups in the Antarctic and sub-Antarctic waters, where they show a high diversity in terms of life styles, trophic types, habitats and size spectra. They constitute a significant trophic resource for a number of Southern Ocean fishes, invertebrates, seabirds and mammals.

Nowadays, in the “Global Change” context, polar regions experience greater rates of climate change than elsewhere in the world. Their biota is highly adapted to their extreme environment and appears vulnerable to shifts in climate. Because of the key-role of the Southern Ocean in the Earth system and the growing impact of global environmental change, it is crucial to establish comprehensive baseline information on the Antarctic marine biodiversity as a sound benchmark against which future change can reliably be assessed.

Accurate species identification is fundamental in biodiversity studies and relies on efficient identification tools, which are still lacking for some highly diverse and taxonomically difficult groups of the Southern Ocean, such as amphipods or polychaetes.

Southern Ocean amphipods have been described from the beginning of Antarctic exploration in the second half of the nineteenth century, marked by the works of Pfeffer (1888) and Stebbing (1888). At the turn of the twentieth century Antarctic exploration intensified, resulting in important taxonomic contributions mostly by Walker (1903a, 1907) and Chevreux (1906e, 1913c). The third period, between 1925 and 1938 was the most productive in the history of Antarctic amphipod taxonomy and nearly half of the present fauna was described mostly by Schellenberg (1926a, 1931a) and K.H. Barnard (1930, 1932). The increased activity in the Antarctic following the International Geophysical Year (1957-58), the establishment of permanent coastal stations and the development of many national Antarctic programmes under the coordination of SCAR resulted in a number of contributions by contemporary specialists, which substantially augmented the number of known Antarctic taxa.

However, the current knowledge of the Antarctic benthic biodiversity in general remains highly patchy in terms of coverage of geographical areas, bathymetric zones, habitats, taxonomic groups, ecofunctional groups, or size spectra. Vast areas of the High Antarctic continental shelf are still untouched and the Antarctic deep sea is hardly explored. It has been estimated that only one third of the Antarctic shelf macrobenthos species is already known (Gutt *et al.* 2003). Concerning the amphipods, new species are discovered by each exploratory cruise on the shelves around the continent or around the islands of the Scotia Arc and the first systematic investigations of the Antarctic abyssal basins by the *Polarstern* ANDEEP cruises have recently collected an impressive number of unknown taxa.

In the framework of the “Ant’Phipoda” project (De Broyer *et al.* 2001b), an international network of specialists (the «Antarctic Amphipodologist Network») was established to undertake the taxonomic revision of the Antarctic fauna of gammaridean and corophiidean amphipods (about 600 spp presently recognized), to synthesize their biogeographical and ecological traits and to elaborate the highly-needed identification guides and electronic identification keys.

The initial impetus for developing this Synopsis project came from Wolfgang Wägele (Bonn), editor of the very welcome - but now provisionally suspended - series “Synopsis of the Antarctic Benthos”, who encouraged me to edit the amphipod volumes. Having in mind the nice example of the successful “Amphipoda of the Mediterranean” volumes edited by Sandro Ruffo, a number of specialists (forming the “Antarctic Amphipodologist Network”) have accepted with enthusiasm to participate in the project and to contribute particular families to cover the whole Antarctic benthic fauna. I would like to thank G. Alonso de Pina (Buenos Aires), H.G. Andres (Hamburg), D. Bellan-Santini (Marseille), J. Berge (Longyearbyen), C.O. Coleman (Berlin), K. Conlan (Ottawa), C. d’Udekem d’Acoz (Bruxelles), J.M. Guerra-García (Sevilla), E. Hendrycks (Ottawa), K. Jażdżewski (Lodz), T. Krapp-Schickel (Bonn), J.K. Lowry (Sydney), A. Myers (Cork), M. Rauschert (Berlin), I. Takeuchi (Matsuyama) and M.H. Thurston (Southampton) for their involvement in the project.

The Synopsis will cover all benthic amphipod taxa living in the Southern Ocean south to the Polar Front (formerly Antarctic Convergence), and, as far as possible, sub-Antarctic species living around the Subantarctic Islands and in the Magellan region of southern South America will also be taken into account.

The volumes will deal with the different family contributions as they appear ready to press. It was found preferable not to wait for the completion of the revision of the whole fauna by the various contributors. We hope that the

users of this Synopsis will understand the advantages of this presentation rather than its disadvantages. We hope to present in a second step electronic interactive keys for genera and species.

The Synopsis is designed to facilitate the identification process to non-specialists: all keys are illustrated, diagnostic characters in keys are chosen to minimize as far as possible the need for dissection.

We hope that this Synopsis will - step by step - constitute a significant contribution to the Census of Antarctic Marine Life (www.caml.aq) and the SCAR-Marine Biodiversity Information Network (www.scarmarbin.be) in the framework of the International Polar Year 2007-2008.

I wish to thank, also on behalf of the “Antarctic Amphipodologist Network”:

- The Belgian Federal Science Policy for its support to the preparation of the Synopsis, through the BIANZO project (Biodiversity of the Antarctic Zoobenthos),
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Claude De Broyer

Editor

Institut royal des Sciences naturelles de Belgique,
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INTRODUCTION

The accurate assessment of the Antarctic marine biodiversity, the understanding of its ecofunctional role and the requirements for its conservation are recognized current priorities in the context of global environmental change and accelerating loss of biodiversity (SCAR EBA 1994, Arntz *et al.* 1997, De Broyer *et al.* 2003a, www.caml.aq). Fauna and flora inventories, taxonomy and classification, processes driving the origin, maintenance and change of biodiversity, role of biodiversity in ecosystem functioning, conservation, restoration, sustainable use and monitoring of biodiversity are on the biodiversity research agenda world-wide (see www.diversitas-international.org).

The present catalogue of Antarctic and sub-Antarctic amphipod species has been compiled primarily to provide a basis for the revision of the Antarctic fauna undertaken by the "Antarctic Amphipologist Network" (see De Broyer *et al.* 2001b), to allow new syntheses on biodiversity, biogeography and ecology of the group, and to contribute to the Census of Antarctic Marine Life (www.caml.aq) and SCAR-MarBIN, the Antarctic Marine Biodiversity Information Network (www.scarmarbin.be) in the framework of the International Polar Year (2007-2009). It is based on Lowry & Bullock (1976) catalogue and De Broyer & Jażdżewski (1993) checklist, which have been revised, updated and completed to include all gammaridean and corophiidean amphipod species occurring in the Antarctic and the sub-Antarctic waters.

The catalogue comprises for each species a complete list of references with synonymy, detailed information on geographical and bathymetric distribution, habitat data when available, remarks on taxonomic status and distribution for selected species, and an exhaustive bibliography.

Material and methods

Sources and citations

The catalogue is based on taxonomic and ecological literature checked until 31 December 2005 (*i.e.* 945 references). Additional unpublished records of species recently identified from the Antarctic and sub-Antarctic collections of the Royal Belgian Institute of Natural Sciences (Brussels, Belgium), the Alfred Wegener Institute for Polar and Marine Research (Bremerhaven, Germany), the Museum für Naturkunde (Berlin, Germany), and the Laboratory of Polar Biology and Oceanobiology of the University of Łódź (Poland) have been incorporated in the catalogue (respectively indicated as: "De Broyer, unpubl. rec.", "Rauschert, unpubl. rec.", "Coleman, unpubl. rec." and "Jażdżewska or Jażdżewski, unpubl. rec."). Taxonomic citations are complete, except for some species with pan-oceanic or extensive distribution outside the Southern Ocean; in such cases citations may be restricted to Southern Ocean records (indicated in bold) with additional selected references (usually including detailed description and/or illustration).

Geographic scope

All species recorded in the Southern Ocean have been included. Southern Ocean is taken here in its wide sense (Deacon 1982, 1984; Mc Ginnis 1982; De Broyer & Jażdżewski 1993) including all waters south of the Subtropical Front Zone (or Subtropical Convergence) to the coasts of the Antarctic continent. The positions of hydrographic fronts relies on Orsi *et al.* (1995).

This vast marine area has been classically divided in two biogeographical regions, primarily based on the benthos distribution (Hedgpeth 1969, 1970, Dell 1972, Knox & Lowry 1977, White 1984, De Broyer & Jażdżewski 1993) and the present data largely confirmed this biogeographic scheme- (Fig. 1):

- The Antarctic Region, which extends from the coasts of the continent northwards to the Antarctic Polar Front, and comprises two sub-regions or provinces: the High (or East) Antarctic and the Maritime (or West) Antarctic provinces, the latter including the South Georgia district.

- The sub-Antarctic Region, comprising the sub-Antarctic Islands province (with the Tristan da Cunha district) and the Magellan province. The sub-Antarctic Islands province is entirely under the West Wind Drift influence and comprises different groups of islands distributed around the Antarctic continent in the marine zone between the Antarctic Polar Front and the Subtropical Front Zone. It includes the New Zealand sub-Antarctic islands, *i.e.* Auckland, Campbell, Antipodes, Bounty and Snares Islands (Knox 1975, 1987; Lowry & Fenwick 1983), Macquarie, Kerguelen, Heard and McDonald, Crozet, Prince Edward and Marion Islands as well as Tristan da Cunha and Gough Islands considered a separate district (Hedgpeth 1969, 1970). Kerguelen Islands although located south of the Polar front according to recent hydrological surveys (Orsi *et al.* 1995) is considered sub-Antarctic as it has closer sub-Antarctic than Antarctic faunal affinities (e.g. Dell, 1972; Arnaud, 1974; Duhamel, 1987; this paper).

The Magellan province comprises the seas around the southern tip of South America and includes the large Patagonian continental shelf, the Falkland Islands (= Islas Malvinas) and the Burdwood Bank. The northern limits chosen for this inventory are for the Chilean coast the latitude of Cabo de Quedal, north of Isla Chiloe (41°S) and for the Argentinian coast the latitude of Punta Nymfas (43°S), south of Peninsula Valdés.

These limits rely on hydrographical and biological boundaries (see Balech 1954; Semenov & Berman 1977; Semenov 1978; Lopez Gappa & Lichtschein 1988; Boltovskoy *et al.* 1999, Lopez Gappa *et al.* 2006). For the Chilean coast, however, Lancellotti & Vasquez (1999, 2000) pointed out that the presence of a biogeographical break near 41°S as broadly suggested in the literature, has been only seen for Echinodermata and Demospongia. Other groups, such as Crustacea, indicated the existence of a transitional region (between 35° and 48°S) for the littoral and shallow sublittoral fauna, showing gradual replacement of species.

On the Atlantic sector, the faunal limits between the warmer northern Argentine province and the cooler austral Magellan

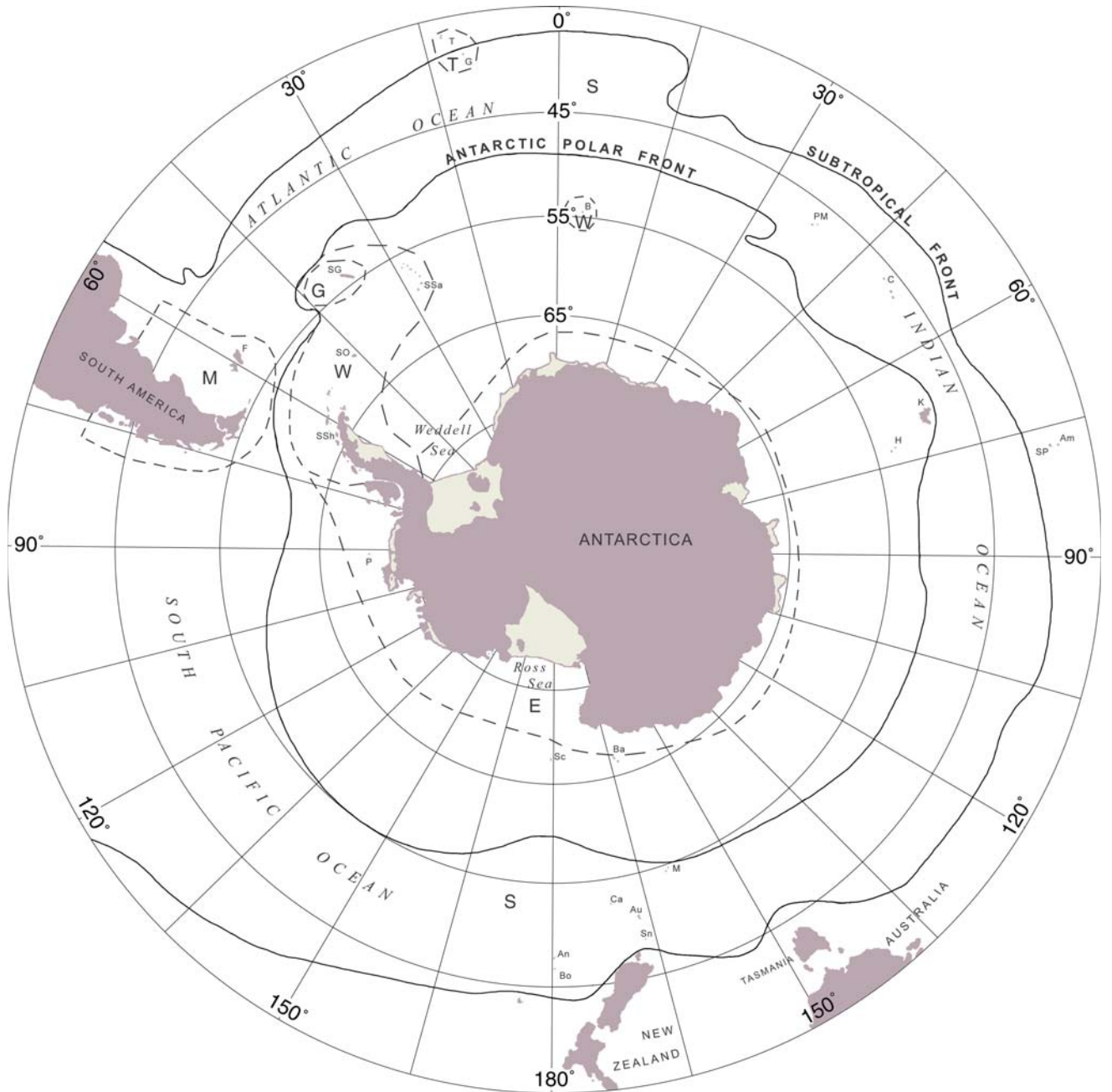


Fig. 1: Zoogeographical zonation of the Southern Ocean (slightly modified from Hedgpeth, 1969; location of hydrographic fronts according to Orsi *et al.*, 1995).

E, W, S, T, M: see text. An: Antipodes Is. Au: Auckland I.; B: Bouvet I.; Bo: Bounty I.; C: Crozet Is.; Ca: Campbell I.; F: Falkland Is.; G: Gough I.; H: Heard and McDonald Is.; K: Kerguelen Is.; M: Macquarie I.; PM: Prince Edward and Marion Is.; SG: South Georgia; SO: South Orkney Is.; SSa: South Sandwich Is.; SSs: South Shetland Is. T: Tristan da Cunha I.

province fluctuates between 41° and 44°S as a result of the variable influence of the subtropical waters of the southward Brazilian Current and the northward Patagonian Current (e.g. Alonso de Pina 1997). Analysing the distribution of the Argentinian amphipod fauna between 35° and 56°S, Lopez Gappa *et al.* (2006) distinguished two faunal assemblages, a first one restricted to the Argentine biogeographic province, represented by 35 species, ranging from 36°S to 43°S and encompassing coastal or relatively shallow shelf areas off Buenos Aires, Río Negro and Chubut; the second one represented by 157 species occurring in the Magellanic biogeographic province, including the coasts of Santa Cruz, Tierra del Fuego, and the Falkland/Malvinas Islands. The coastal transition between the two faunal assemblages occurs around 43°S – 44°S, but on the continental shelf, at depths of around 70–100 m, it follows a SW-NE direction, reaching to the north the latitude of 36°S.

Although the 43°S limit was retained for this catalogue, the species found so far exclusively in the Peninsula Valdés transition zone (Golfo Nuevo, Golfo San José) at latitudes of 42° to 43°S, have been included as further sampling may possibly reveal their more southern occurrence as shown by Chiesa *et al.* (2005).

On the other hand, relying on the distribution of the mollusc, bryozoan and echinoderm assemblages from the Argentinian continental shelf at depths below 50 m, Bastida *et al.* (1992) distinguished two zoogeographic areas within the Magellanic province, both extending roughly parallel to the coast from the tip of Tierra del Fuego (at about 55°S) to the latitude of 37°S or 39°S respectively. The inner shelf area (at depths of 50 to 160 m) is influenced by the Patagonian Current and its bottom water temperature ranges from 4.5° to 13°C. The outer shelf area (at 80 to 200 m depth) which includes the Falkland/Malvinas archipelago is influenced by the Malvinas Current and bottom temperature ranges from 4.5° to 7.5°C. These results suggested the possibility of a subdivision of the Atlantic sector of the Magellanic province into two districts: the Patagonian district would occupy the warmer inner shelf while the Malvinean district would extend over the deeper and colder outer shelf.

Systematics

The systematic classification used in the catalogue refers to Barnard & Karaman (1991), with updates and some changes at superfamily, family or sub-family level. Within the Gammarida, the most widely accepted superfamilies have been used *i.e.* Eusiroidea, Hadzioidea, Lysianassoidea and Phoxocephaloidea (for the southern Haustorioidea, see Bousfield & Shih, 1994). For Talitrida Serejo (2004)' superfamily system is followed. For the Corophiidea Myers & Lowry (2003)' classification is used.

Changes at family level are based on: Andres & Brandt (2001) for Lepechinellidae; Barnard J.L. (1989) for Gammarellidae (see also Barnard & Barnard, 1983); Berge, Coleman & Vader (1999) for Ochlesidae; Bousfield & Hendrycks (1995, 1997) for the eusiroid families (Calliopiidae, Eusiridae *s.s.*, Gammarellidae, Pontogeneiidae); Bousfield & Kendall (1994) for Atylidae and Dexaminidae; Coleman

& Barnard (1991b) for Iphimedidae and “similar families”: Acanthonotozomellidae, Astyridae, Dikwididae, Epimeriidae; Just (1990) for Vicmusiidae; Myers & Lowry (2003) for the families of the Corophiidea suborder and Serejo (2004) for the families within the whole infraorder Talitrida.

The family arrangement within Lysianassoidea relies on the system developed by Lowry & Stoddart (1995b, 1997, 2002a,b, in press) and Stoddart & Lowry (2004). The following informal family groups have been used in the catalogue: acidostomids, adeliellids, alicellids, hirondeleids, kerguelenids, lepedecreellids, sophrosynids, and thoriellids. These family groups should soon be formally described by Lowry, Lowry and Stoddart and Lowry and De Broyer.

At subfamily level, within the Amathillopsidae, the subfamily Parepimeriinae has been recognized following Lowry (2006). Within Melitidae, the subfamily-level groups are based on Barnard & Barnard (1983) and Lowry & Springthorpe (2005). Within Phoxocephalidae, as the subfamily system developed by Barnard & Drummond (1978) is in need of revision (see e.g. Taylor & Poore, 2001; Alonso de Pina *et al.* in press), only two subfamilies have been recognized here: Harpininae *sensu* Barnard & Drummond (1978) and Phoxocephalinae new combination (to accommodate Birubinae, Brolginae, Metharpininae, Palabriaphoxinae). Within the Pleustidae the subfamily system proposed by Bousfield & Hendrycks (1994) and Hendrycks & Bousfield (2004) has been followed. For the Stenothoidae, the subfamily Stenothoinae and Thaumatelsoninae have been recognized following Krapp-Schickel (2006). Cardenioidea are reduced to sub-family level within Synopiidae following Jazdewski & De Broyer (1990).

No new taxa are described in the catalogue although new combinations and synonymy are proposed.

Contents and format of the Catalogue

The catalogue presents the following information for each species:

1. Family name, and higher level taxa name, with author and year of publication, placed in alphabetical order.
2. Species valid name, author and year of publication, placed in alphabetical order within family, subfamily or tribe.
3. Citations in literature, with synonymy, in chronological order.
4. Occurrence and depth records in the Southern Ocean *s.l.*, including information on habitat.
5. Type-locality.
6. Extralimital distribution (occurrence outside the Southern Ocean *s.l.*).
7. Extralimital depth range.
8. Type specimen location.
9. Remarks on the species taxonomical status (in case).
10. Bibliographical references.

Distribution records

Geographical place names are given in their modern form whenever possible, followed by the original name (in square brackets) if different. Antarctic place names are given in English. Sub-Antarctic place names are given in

the language of the region, i.e. in Spanish for the Magellan region (e.g. Estrecho de Magallanes instead of Magellan Strait), or in French for the French sub-Antarctic Islands (e.g. Passe Royale at Iles Kerguelen instead of Royal Sound at Kerguelen Islands). To facilitate localization, sampling localities have been grouped in larger geographical entities (Archipelagos e.g. South Shetland Islands, main coastal sectors e.g. Adélie Coast, Enderby Land...). The following geographic areas have been used as convenient subdivisions of the Antarctic Peninsula region: Bransfield Strait, Danco Coast, Graham Land, Marguerite Bay, Palmer Archipelago, Trinity Peninsula, Wilhelm Archipelago.

The geographic information sources were for the Antarctic place names: SCAR ENEA Composite Gazetteer of Antarctica for the place names south of 60°S (www.pnra.it/SCAR_GAZE), Alberts (1995), USGS Geographic Names Information System – Antarctica (<http://geonames.usgs.gov/antform.html>), and, for the sub-Antarctic place names: Delépine (1973) for the French sub-Antarctic Islands (“Terres Australes”).

Geographic coordinates cited between square brackets have been extracted from the relevant gazetteers (see <http://www.scarmarbin.be/SearchGazetteer.php>). Quadrant names used for the Atlantic, Indian and Pacific sectors of the open ocean refer to the geographic reporting system developed by Barnard & Karaman (1991) as modified by De Broyer & Jazdzewski (1993).

For sampling station records, expeditions or ship name and cruises are cited as often as possible, with station number, and details on bottom types (habitats) and collecting gears. In case of occurrence outside the Southern Ocean *s.l.*, the extralimital distribution records and depth range have usually not been detailed.

The abbreviations used for author names in distribution sections are presented in Table 1.

The abbreviations used for author names in distribution sections are presented in Table 1.

Table 1. Abbreviations used for authors

A&B	Andres & Brandt	JLG	J.J. Lopez Gappa
A&G	Adami & Gordillo	JMC	J.C. McCain
A&R	Andres & Rauschert	JPT	J.P. Truchot
A&T	Aarset & Torres	JSO	J.S. Oliver
AAM	A.A. Myers	JSP	J.S. Pearse
AME	A.M. Escofet	JV	J. Voss
ANL	A.-N. Lörz	K&G	Klages & Gutt
AOW	A.O. Walker	K&H	Kenny & Haysom
AS	A. Schellenberg	KBA	K.B. Armitage
BAF	B.A. Foster	KEC	K.E. Conlan
B&B	J.L. Barnard & C.M. Barnard	KHB	K.H. Barnard
B&C	J.L. Barnard & Clark	KJ	K. Jazdzewski
B&D	J.L. Barnard & Drummond	KJ&K	K. Jazdzewski & A. Konopacka
B&M	Bowman & Manning	KK	K. Kunzmann
B&V	Birstein & Vinogradov	KN	K. Nagata
Be&V	Berzin & Vlazova	RZK	R.Z. Klekowski
BE	E. Boysen-Ennen	KP&E	Kreibohm de Paternoster & Escofet
BS&L	Bellan-Santini & Ledoyer	KS	K. Stephensen
BS&SM	Bellan-Santini & San Martin	L&C	Leistikow & Coleman
C&A	Coleman & Andres	L&DB	Lörz & De Broyer
C&B	Coleman & Barnard	L&F	Lowry & Fenwick
C&Bo	Conlan & Bousfield	L&H	Lörz & Held
C&C	Conlan & Chess	L&P	Littlepage & Pearse
Co&C	Costanzo & Crescenti	L&S	Lowry & Stoddart
C&J	Coleman & Jäger	L&T	Lovell & Trego
C&P	Castellanos & Perez	LS&P	Lewis-Smith & Prince
CC	C. Chilton	LM	L. Margolis
CDB	C. De Broyer	M&D	Monod & Dollfus
CH	C. Heller	M&F	Marsden & Fenwick
CLG	C.L. Griffiths	M&M	Myers & Moore
COC	C.O. Coleman	MA	M. André
CR	C. Rios	MC&G	McCain & Gray

CRS	C.R. Shoemaker	MC&S	McCain & Steinberg
CSB	C.S. Bate	MC	J.C. McCain
CV	C. Varela	MHT	M.H. Thurston
D&V	Dailey & Vogelbein	MJC	M.J. Costello
DB&K	De Broyer & Klages	MK	M. Klages
DBS	D. Bellan-Santini	ML	M. Ledoyer
DEH	D.E. Hurley	MLB	M.L. Branch
DGB	D.G. Bone	MR	M. Rauschert
DMG	D. McGrath	MVB	M.T. Valerio-Berardo
DRL	D.R. Laubitz	OEK	O.E. Kamenskaya
EC	E. Chevreux	OP	O. Pesta
ECF	E.C. Fisher	P&Z	Petri & Zauke
ED	E. Dahl	PD	P. Dauby
EE	E. Ealey	PGM	P.G. Moore
EG	E. Gonzalez	PKB	P.K. Bregazzi
EHE	E.H.M. Ealey	PM	P. Mayer
EJM	E.J. Miers	PMA	P.M. Arnaud
ELB	E.L. Bousfield	PMB	P.M. Bruchhausen
ESW	E. Sedlak-Weinstein	PMS	P.M. Sagar
FG	F. Garcia	PP	P. Pugh
FN	F. Nyssen	PPr	P. Presler
GDF	G.D. Fenwick	RAR	R.A. Ringuelet
GDG	G.D. Goeke	R&A	Rauschert & Andres
GEN	G.E. Nicholls	R&H	Richardson & Hedgpeth
GG&C	Guerra-Garcia & Coleman	RB	R. Buzeta
GG&T	Guerra-Garcia & Takeuchi	Re&H	Ren & Huang
GMA	G. Alonso, G.M. Alonso de Pina	ROC	R.O. Cunningham
GMT	G.M. Thomson	RS	R. Schneppenheim
GP	G. Pfeffer	RSK	R.S. Kaufmann
GSK	G.S. Karaman	RWH	R. Weigmann-Haass
GV	G. Vinogradov	RZK	R.Z. Klekowski
H&B	Haggitt & Babcock	S&L	Stoddart & Lowry
H&W	Holman & Watling	S&O	Slattery & Oliver
HEG	H.G. Gruner	S&P	Siegel & Piatkowski
HEZ	H.E. Zaixso	SIS	S.I. Smith
HF	H. Filhol	SR	S. Ruffo
HGA	H.G. Andres	SRS	S. Rakusa-Suszczewski
HK	H. Krøyer	SVV	S.V. Vassilenko
HL	H. Lichtenstein	T&T	Takeuchi & Takeda
HLH	H.L. Holloway	T&W	Takeuchi & Watanabe
HME	H. Milne Edwards	TLH	T.L. Hopkins
HN	H. Nicolet	TM	Th. Monod
HO	H. Oldevig	TML	T.M. Lancraft
HSL	H.S. Lenihan	TNC	T.N. Corbisier
IA	I. Arimoto	TRS	T.R.R. Stebbing
IKP	I. Kreibohm de Paternoster	TVB	T.V. Bushueva
ILC	I.L. Chiesa	UE	U. Englisch
IT	I. Takeuchi	UP	U. Piatkowski

IVB	I.V. Bushueva	V&K	Vader & Krapp
JB	J. Berge	V&V	Vinogradov & Vinogradov
JB&V	Berge & Vader	VVA	V.V. Avdeev
JDD	J.D. Dana	W&H	Watling & Holman
JEK	J.E. Kane	W&T	Watling & Thurston
JG	J. Gutt	WAH	W.A. Haswell
JGG	J.M. Guerra-Garcia	WBE	W.B. Emison
JHD	J.H. Dearborn	WM	W. Macnae
JJT	J.J. Torres	YW	Y. Wakabara
JKL	J.K. Lowry	ZJC	Z.J.A. Castellanos
JLB	J.L. Barnard	Z&P	Zaixso & Pastor

Biogeographic and bathymetric codes

For each species listed, the following geographic and bathymetric codes have been used for summarizing the distribution:

E for the East (or High) Antarctic province,

W for the West (or Maritime) Antarctic province,

G for the South Georgia district (within the West/Maritime Antarctic province),

S for the sub-Antarctic Islands province,

T for the Tristan da Cunha district (within the sub-Antarctic Islands province),

M for the Magellan province.

Deep sea species (i.e. occurring deeper than 500 m in the Antarctic region or deeper than 200 m in the sub-Antarctic region, see below) have been included in the relevant shelf biogeographic provinces. The continental shelves around Antarctica extend on the average to a depth of 450 m but in place can extend to over 1000 m depth (Clarke & Johnston, 2003).

+: means that the species is also distributed outside the limits of the Antarctic and/or sub-Antarctic region(s) or north to 45°S in the case of pelagic taxa.

++: indicates that the species is panocenic (cosmopolitan) or at least distributed in two other oceans.

Deep-sea occurrences are indicated by:

Ba: bathyal (500 -3000 m in the Antarctic region or 200-3000 m in the sub-Antarctic region);

Ab: abyssal (occurring below 3000 m).

The mention + **Ba** and/or + **Ab** indicates an occurrence on the shelf and in the deep sea.

For pelagic taxa (indicated by **P**), the northern limit chosen for this catalogue is the latitude of 45°S and the following geographic codes or bathymetric system have been used:

An, for occurrence in the Antarctic region;

Sa, for occurrence in the sub-Antarctic region;

Epipelagic = 0-200 m; **Mesopelagic** = 200-1000 m;

Bathypelagic = 1000-4000 m; **Abyssopelagic** = 4000 – 6000 m.

Expeditions and cruises

To refer to sampling stations, the name of the expedition ship followed by the cruise number (e.g. *Eltanin 22*) or the cruise name and date (e.g. *Magellan 1994*) or the name and date of the expedition (e.g. *Deux. Exp. Ant. Franç. 1908-10*) is mentioned. The mention “*Discovery 1925-27*” refers to the Discovery Investigations 1925-1927 which involved the RV *Discovery* and RV *William Scoresby* as well as Coastal Marine Station sampling (see K.H. Barnard 1932).

The following abbreviations have been used for expeditions and cruises (Table 2):

Table 2. Abbreviations and acronyms used for expeditions

Deutsch. Tiefsee-Exp.	Deutschen Tiefsee-Expedition
Deux. Exp. Ant. Franç.	Deuxième Expédition Antarctique Française
EAB	Expédition Antarctique Belge
EABN	Expédition Antarctique Belgo-Néerlandaise
Hamb. Magalh. Samm.	Hamburger Magalhaensische Sammelreise
JARE	Japanese Antarctic Research Expedition
Norw. Sci. Exp. Tristan da Cunha	Norwegian Scientific Expedition to Tristan da Cunha
SAE	Soviet Antarctic Expedition
PABE	Polish Antarctic Biological Expedition
PAMRE	Polish Antarctic Marine Research Expedition
Swed. Eugenie Exp.	Schwedische “Eugenie” Expedition
Swed. Exp. Magellan.	Schwedische Expedition nach den Magellansländern
Swed. South Pol. Exp.	Swedish South Polar Expedition

Bibliographical references

Dates of publication assorted with a, b, c,... followed the order registered in the “Ant’Phipoda” bibliographic database (De Broyer *et al.* 2001b; <http://www.scarmarbin.be/searchlit.php>). This order generally follows Barnard and Karaman (1991) with some modifications and corrections. Numbers of figures and plates are usually mentioned only for descriptive taxonomic papers. In citations, initials of J.L. Barnard are omitted on co-authored papers.

In the citation section, references may be followed by a code in parentheses indicating the nature of the content. The following codes have been used: (bio): biology; (chr): chromosomes; (eco): ecology (usually indicates marine ecology papers mentioning species records); (emb): embryology; (eth): ethology; (gen): genetics; (par): parasites; (phl): physiology; (phy): phylogeny; (prd): predators (of

amphipods); (syn): synonymy (indicates the reference(s) where to find full citations and synonymy; see below); (tox): ecotoxicology.

Bibliographic references for long lists of citations of (so-called) cosmopolitan species or species widely distributed outside the Southern Ocean may not be complete and can usually be found in the reference followed by the indication “(syn)”.

Type material repositories

The first cited museum location is the holotype specimen depository. The following locations are paratype(s) depositories. “Not found” indicates an unsuccessful attempt in recent years by some of the co-authors or by museum authorities to locate the type specimen(s). Acronyms for museums and institutions repositories of type-material are listed in Table 3.

Table 3. Museums and institutions depositories of type-material

Acronym	Full name
AM, Sydney.	Australian Museum, Sydney, New South Wales, Australia.
AMNH, New York.	American Museum of Natural History, New York, USA.
ANSP, Philadelphia.	Academy of Natural Sciences, Philadelphia, Pennsylvania, USA. Formerly: Museum of the National Academy of Sciences, Philadelphia.
BPBM, Honolulu.	Bernice P. Bishop Museum, Honolulu, Hawaii, USA.
CAS, San Francisco.	California Academy of Sciences, San Francisco, California, USA.
CIBIMA, Puerto Deseado.	Centro de Investigacion de Biología Marina, Puerto Deseado, Argentina.
CMN, Ottawa.	Canadian Museum of Nature, National Museums of Canada, Ottawa, Canada.
CMNZ, Christchurch.	Canterbury Museum, University of Canterbury, Christchurch, New Zealand.
COM, Marseille.	Centre d’Océanologie de Marseille, Marseille, France.
CUC, Canterbury.	Canterbury University College, Canterbury, United Kingdom.
KNVS, Trondheim.	Kongelige Norske Videnskabers Selskab [Royal Norwegian Society of Sciences], Trondheim, Norway.
DMC, Walpole.	Darling Marine Center, University of Maine, Walpole, Maine, USA.
IO, Moscow.	P.P. Shirshov Institute of Oceanology, Russian Academy of Sciences, Moscow, Russia.
IOQ, Qingdao.	Institute of Oceanology, Academia Sinica, Qingdao [Tsingtao], China.
IRSNB, Brussels.	Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium. Formerly: Musée Royal d’Histoire Naturelle de Belgique (MRHNB).
LGOC, New York.	Lamont-Doherty Geological Observatory, Columbia University, New York, USA.
MACN, Buenos Aires.	Museo Argentino de Ciencias Naturales ‘Bernardino Rivadavia’, Buenos Aires, Argentina.
MCSN, Verona.	Museo Civico di Storia Naturale, Verona, Italy.
MCZ, Cambridge.	Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, USA.
MM, Sydney.	Macleay Museum, University of Sydney, New South Wales, Australia.
MNGA, Bucharest.	Muséum National d’Histoire Naturelle «Grigore Antipa», Bucharest, Romania.
MNHN, Paris.	Muséum National d’Histoire Naturelle, Paris, France.
MNHN, Santiago.	Museo Nacional de Historia Natural, Santiago de Chile, Chile.
MOM, Monaco.	Musée Océanographique de Monaco, Monaco.
MUG, Moscow.	Zoological Museum of Moscow State University, Moscow, Russia.
NHM, London.	The Natural History Museum, London, UK. Formerly: British Museum (Natural History) (BMNH).
NHMW, Vienna.	Naturhistorisches Museum, Vienna, Austria.
NRS, Stockholm.	Naturhistoriska Riksmuseet [Swedish Museum of Natural History], Stockholm, Sweden.

NM, Göteborg.	Naturhistoriska Museet, Göteborg, Sweden.
NMNZ, Wellington.	National Museum of New Zealand, Wellington, New Zealand. Formerly: Dominion Museum of New Zealand (DMZM).
NMV, Melbourne.	Museum of Victoria, Melbourne, Victoria, Australia.
NSM, Tokyo.	National Science Museum (Natural History), Tokyo, Japan.
NZOI, Wellington.	New Zealand Oceanographic Institute, Wellington, New Zealand.
OMNZ, Dunedin.	Otago Museum, Dunedin, New Zealand.
RMNH, Leiden.	Nationaal Natuurhistorisch Museum, Leiden, The Netherlands. Formerly: Rijksmuseum van Natuurlijke Historie.
RSM, Edinburgh.	Royal Scottish Museum, Edinburgh, Scotland, United Kingdom.
RU, Grahamstown.	Rhodes University, Grahamstown, South Africa.
SAM, Cape Town.	South African Museum, Cape Town, South Africa.
SAMA, Adelaide.	South Australian Museum, Adelaide, South Australia, Australia.
SIO, San Diego.	Scripps Institution of Oceanography, University of California, San Diego, California, USA.
TM, Tromsø.	Tromsø Museum, University of Tromsø, Norway.
TMH, Hobart.	Tasmanian Museum and Art Gallery, Hobart, Tasmania, Australia.
USNM, Washington.	US National Museum of Natural History, Smithsonian Institution, Washington DC, USA.
ZIN, St Petersburg.	Zoological Institute, Russian Academy of Sciences, St Petersburg, Russia.
ZMA, Amsterdam.	Zoölogisch Museum, Universiteit van Amsterdam, Amsterdam, The Netherlands.
ZMB, Berlin.	Museum für Naturkunde der Humboldt Universität, Berlin, Germany.
ZMH, Hamburg.	Zoologisches Museum, Hamburg Universität, Hamburg, Germany.
ZMUC, Copenhagen.	Zoologisk Museum, University of Copenhagen, Copenhagen, Denmark.

THE SOUTHERN OCEAN AMPHIPOD FAUNA

The whole amphipod fauna of the Southern Ocean (*s.l.*) comprises 723 gammaridean, 92 corophiidean and 69 hyperiidean species (the latter - exclusively holoplanktonic - are not further treated herein; see De Broyer & Jazdzewski, 1993, for a checklist). In addition, 70 taxa of known genera have been recorded but not identified to the species level.

An overview of the gammaridean and corophiidean amphipod fauna of the Southern Ocean is given in table 4, which summarizes for the different biogeographic regions, sub-regions and bathymetric zones the number of taxa of the whole fauna and its benthic, benthopelagic and pelagic components as well as the semi-terrestrial fauna (Talitridae) and the cetacean ectoparasites (Cyamidae).

Among the 815 Southern Ocean species of gammaridean and corophiidean amphipods, 536 species occur in the Antarctic region (south of the Antarctic Polar Front) and 407 species in the sub-Antarctic region (between the sub-Tropical Front and the Polar Front). Both regions share 128 species, i.e. 24% of the Antarctic fauna or 31% of the sub-Antarctic fauna.

In terms of composition, the Antarctic and sub-Antarctic amphipod fauna is mostly dominated by representatives of Lysianassoidea (158 spp in 57 genera and 18+ families), Eusiroidea (108 spp in 27 genera and 4 families), Stenothoidae (66 spp in 16 genera), Ischyroceridae (49 spp in 7 genera), Iphimediidae (46 spp in 13 genera), Phoxocephalidae (34 spp in 18 genera) and Epimeriidae (26 species in 5 genera).

The total *benthic and benthopelagic* fauna presently counts 772 species in the whole Southern Ocean (*s.l.*), 502 species in the Antarctic region and 388 species in the sub-Antarctic region. The benthopelagic species, which have been recorded in the water column at some distance from the bottom in the neritic or oceanic zones, count 24 Antarctic and 7 sub-Antarctic species, respectively. Despite their non-permanent occurrence on the bottom, they have been included in the benthic fauna as they play a role - which may be significant - in the benthic ecosystem (e.g. the benthopelagic and demersal lysianassoid scavengers). They belong to some dominantly pelagic families: alicellids (*Paralicella*), Eurytheneidae (*Eurythenes*), Hyperiopidae (*Hyperiopis*) and to dominantly benthic families: Epimeriidae (*Epimeriella*), Eusiridae (*Eusiroides*, *Eusirus*, *Rhachotropis*), Lysianassidae (*Cheirimedon*, *Orchomenella*), Pagetinidae (*Pagetina*), Pardaliscidae (*Halice*), Pleustidae (?*Atylopsis*), Scopelocheridae (*Paracallisoma*, *Scopelochirus*), Stegocephalidae (*Parandania*), and Uristidae (*Abyssochomene*, *Uristes*).

A clear distinction both in species richness and composition can be made between the different bathymetric zones. The Antarctic *shelf fauna* (0-1000 m; see Clarke & Johnston, 2003) comprises 474 benthic and benthopelagic species, with 427 species restricted to shelf depths. On the other hand, 164 benthic and benthopelagic species occur between 500 m (average depth of the continental shelf break) and 3000

Table 4. The Gammaridean and Corophiidean Amphipod fauna of the Southern Ocean

	All fauna	Benthic & benthopelagic taxa	Benthopelagic taxa only	Pelagic taxa	Cetacean ectoparasites (Cyamidae)	Semi-terrestrial taxa (Talitridae)
Antarctic Region						
Total spp. (N endemics)	536 (388)	502 (376)	24 (16)	26 (11)	7 (1)	1 (0)
Total gen. (N end.)	205 (53)	192 (53)	16 (1)	14 (0)	2 (0)	1 (0)
Total fam. (N end.)	67 (1)	65 (1)	13 (1)	9 (0)	1 (0)	1 (0)
<i>East (High) Antarctic province</i> N spp. (N end.)	291 (104)	262 (89)	20 (4)	20 (7)		0 (0)
<i>West Antarctic (Scotia) province</i> N spp. (N end.)	414 (149)	401 (145)	19 (3)	12 (3)		1 (0)
<i>Antarctic deep sea</i> N spp. (N end.) (>500 m)	201 (136)	182 (134)	16 (10)	19 (5)		
N spp. (N end.) (>1000 m)	92 (57)	74 (53)	11 (7)	18 (4)		
N spp. (N end.) (>3000 m)	31 (14)	19 (13)	6 (4)	12 (2)		
Sub-Antarctic Region						
Total spp. (N end.)	407 (186)	388 (186)	7 (0)	7 (0)	4 (0)	8 (2)
Total gen. (N end.)	200 (30)	192 (30)	6 (0)	5 (1)	1 (0)	5 (0)
Total fam. (N end.)	67 (1)	65 (1)	4 (0)	4 (0)	1 (0)	1 (0)
<i>Subantarctic Islands province</i> N spp. (N end.)	226 (72)	216 (71)	4 (0)	2 (0)]		5 (1)
<i>Magellan province</i> N spp. (N end.)	210 (95)	203 (94)	4 (0)	3 (0)		4 (1)
<i>Subantarctic deep-sea</i> N spp. (N end.) (>200 m)	133 (42)	129 (42)	5 (1)			
N spp. (N end.) (>500 m)	59 (14)	58 (14)	4 (1)	4 (1)		
N spp. (N end.) (>3000 m)	7 (0)	4 (0)	2 (0)	3 (0)		
Southern Ocean (s.l.)						
Total spp. (N end.)	815 (651)	772 (646)	24 (19)	28 (13)	7 (1)	8 (2)
Total gen. (N end.)	301 (106)	291 (104)	16 (1)	21 (0)	2 (1)	5 (0)
Total fam. (N end.)	81 (4)	79 (4)	12 (1)	11 (0)	1 (0)	1 (0)
Southern Ocean deep sea N spp (N end.) (>500 m)	216 (126)	196 (120)	32 (11)	20 (6)		
N spp (N end.) (>1000 m)	96 (59)	78 (55)	19 (9)	18 (4)		
N spp (N end.) (>3000 m)	31 (17)	19 (15)	7 (5)	12 (2)		
Total unidentified spp. (not included)	70	69	0	1		

m, but only 56 spp between 1000 and 3000 m. This clearly indicates that part of the shelf fauna extends its distribution to the upper slope.

The *deep-sea fauna* (found below 1000 m) amounts 96 benthic and benthopelagic species in the whole Southern Ocean, 91 species in the Antarctic and 21 species in the sub-Antarctic region. These numbers do not include the still incomplete results from the recent Polarstern ANDEEP cruises. When included, the number of Antarctic deep-sea species may surpass 200 species (De Broyer et al. 2004; Brandt et al. 2007).

The presently known *abyssal fauna*, below 3000 m, counts 19 benthic and benthopelagic species in the Antarctic and only 4 species in the sub-Antarctic region. This low species richness mostly reflects the lack of deep-sea exploration in the Antarctic, but, again, the number of Antarctic abyssal species will substantially increase due to the recent ANDEEP discovery of numerous species in the abyssal basins of the Atlantic sector of the Southern Ocean.

The *pelagic fauna* of the neritic or/and oceanic Antarctic waters is composed of 26 gammaridean species belonging to purely or dominantly pelagic families (Cyphocarididae: *Cyphocaris*, Eurytheneidae: *Eurythenes*, Hyperlopsidae: *Hyperlopsis*, thorellids: *Chevreuxiella*, *Danaella*), and also to dominantly benthic families: Calliopiidae (*Stenopleura*), Eusiridae (*Cleonardo*, *Eusirella*, *Harcledo*), Pagetinidae (*Pagetina*), Pardaliscidae (*Halice*), Pleustidae (?*Atylopsis*), Scopelocheridae (*Scopelocheropsis*, *Scopelochirus*), and Stegocephalidae (*Parandania*).

In terms of *endemism*, the Antarctic fauna show a level of 72, 3% of endemic species (all components) or 66,6% if only benthic and benthopelagic species are considered. The Antarctic faunule is characterized by the presence of three (small) endemic families: Clarenciidae, Didymocheliidae and Pagetinidae, the latter two also occurring in the sub-Antarctic region.

The sub-Antarctic region is characterized by a much lower level of species endemism: 45,7% (all components) and 47,9% for the benthic component, reflecting the links with adjacent regions (e.g. South America for the Magellan province and New Zealand for the New Zealand sub-Antarctic islands).

If the whole Southern Ocean s.l. is considered, the level of species endemism reaches 79,8% for all components and 83,6% for the benthic and benthopelagic species.

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This is contribution n° 5 to the Census of Antarctic Marine Life (CAML) and ANDEEP publication n° 93.

CATALOGUE

I. Suborder GAMMARIDEA Latreille, 1802

Infraorder GAMMARIDA Latreille, 1802

Family ACANTHONOTOZOMELLIDAE Coleman & Barnard, 1991b

Acanthonotozomella alata Schellenberg, 1926a

Schellenberg, 1926a: 332, fig. 45.
 Barnard J.L., 1958e: 17.
 Lowry & Bullock, 1976: 11.
 Watling & Thurston, 1989: 310.
 Barnard & Karaman, 1991: 385.
 De Broyer & Jazdzewski, 1993: 23.

Distribution: E

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Depth range: 385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

Acanthonotozomella barnardi Watling & Holman, 1980

Watling & Holman, 1980: 612-614, figs. 1-3.
 Watling & Thurston, 1989: 310, fig. 2d.
 Barnard & Karaman, 1991: 385.
 De Broyer & Jazdzewski, 1993: 23.

Distribution: M

Magellan area: *Eltanin 9*, sta. 740, 56°06'S 66°19.3'W, 384-494 m (W&H 80).

Depth range: 384-494 m.

Type-locality: Magellan area: *Eltanin 9*, sta. 740, 56°06'S 66°19.3'W, 384-494 m (W&H 80).

Type specimen location: USNM, Washington.

Acanthonotozomella rauscherti Coleman & Jäger, 2001

Coleman & Jäger, 2001: 475-483, figs. 1-5.

Distribution: W(Ba)

Drake Passage: *Polarstern ANT XV/3 (EASIZ II)*, sta. 336, 62°21.9'S 58°41.1'W, 1000 m (gear: dredge) (C&J 01).

Depth range: 1000 m.

Type-locality: Drake Passage: *Polarstern ANT XV/3 (EASIZ II)*, sta. 336, 62°21.9'S 58°41.1'W, 1000 m (gear: dredge) (C&J 01).

Type specimen location: ZMB, Berlin.

Acanthonotozomella trispinosa (Bellan-Santini, 1972a)

Bellan-Santini, 1972a: 177, pl. 6. (*Paracanthonotozoma trispinosum*).
 Lowry & Bullock, 1976: 16. (*Paracanthonotozoma trispinosum*).
 Watling & Holman, 1980: 610-612.
 Watling & Thurston, 1989: 310.
 Barnard & Karaman, 1991: 385.
 Klages, 1991: 49.
 De Broyer & Jazdzewski, 1993: 23

Distribution: E

Adélie Coast: Cape Géodésie, 120-130 m (DBS 72a).

Scotia Sea: no loc. (W&H 80).

Weddell Sea: eastern shelf (MK 91).

Depth range: 120-130 m.

Type-locality: Adélie Coast: Cape Géodésie, 120-130 m (DBS 72a).

Type specimen location: MCSN, Verona.

Acanthonotozomoides oatesi (K.H. Barnard, 1930)

Barnard K.H., 1930: 346, figs. 20, 21. (*Acanthonotozomella oatesi*).
 Barnard K.H., 1932: 117, fig. 65. (*Acanthonotozomella oatesi*).
 Nicholls, 1938: 63. (*Acanthonotozomella oatesi*).
 Barnard J.L., 1958e: 17.
 Barnard J.L., 1969c: 119.
 Bellan-Santini, 1972a: 167, pl. 1.
 Lowry & Bullock, 1976: 11.
 Watling & Holman, 1980: 611, table 1.
 Watling & Holman, 1981: 182.
 Lowry, 1982: 320.
 De Broyer, 1983: 289-290.
 Watling & Thurston, 1989: 310, fig. 2e.
 Barnard & Karaman, 1991: 388.
 Klages, 1991: 49.
 Rauschert, 1991: 36.
 De Broyer & Jazdzewski, 1993: 23.

Distribution: E+W+G

Adélie Coast: *Aurora 1912-14*, sta. 7, Commonwealth Bay, 108 m (GEN 38); Géologie Archipelago, 110-130 m (DBS 72a).

Davis Sea: *PABE I*, sta. D1, sta. D2, near Mirnyj Station, 68 m (CDB 83).

Palmer Archipelago: *Discovery 1925-27*, sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stones, mud, rock; gear: large rectangular net, large heavy dredge) (KHB 32).

Ross Sea: *Terra Nova 1910*, sta. 220, Cape Adare, 82-92 m (KHB 30).

South Georgia: *Discovery 1925-27*, sta. 39, Cumberland East Bay, 179-235 m (gear: large otter trawl; bottom/habitat: grey mud); sta. 144, off mouth of Stromness Harbour, 155-178 m (gear: nets, tow-net of coarse silk; bottom/habitat: green mud, sand); sta. 156, 53°51'S 36°21'W, 200-236 m (gear: large heavy

dredge; bottom/habitat: rock); sta. WS 33, 54°59'S 35°24'W, 130 m (gear: tow-net; bottom/habitat: 135 m, grey mud, stones) (KHB 32).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Weddell Sea: eastern shelf (MK 91).

Depth range: 68-236 m.

Type-locality: Ross Sea: *Terra Nova 1910*, sta. 220, Cape Adare, 82-92 m (KHB 30).

Type specimen location: NHM, London.

***Acanthonotozomoides sublitoralis* Schellenberg, 1931a**

Schellenberg, 1931a: 124, figs. 66, 67.

Barnard J.L., 1958e: 17.

Lowry & Bullock, 1976: 11.

Watling & Thurston, 1989: 310.

Barnard & Karaman, 1991: 385, 388.

De Broyer & Jazdzewski, 1993: 23.

Distribution:

M

Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

Depth range: 197 m.

Type-locality: Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

Type specimen location: NRS, Stockholm.

Family AMATHILLOPSIDAE Pirlot, 1934

Subfamily Amathillopsinae Pirlot, 1934

***Amathillopsis charlottae* Coleman, 1998c**

Coleman, 1998c: 25-31, figs. 1-5.

Distribution:

W(Ba)

Antarctic Peninsula: *Polarstern ANT XIV/2*, sta. 177, 66°33.10'S 68°41.90'W, 607 m (gear: Agassiz trawl) (COC 98).

Depth range: 607 m.

Type-locality: Antarctic Peninsula: *Polarstern ANT XIV/2*, sta. 177, 66°33.10'S 68°41.90'W, 607 m (gear: Agassiz trawl) (COC 98).

Type specimen location: ZMB, Berlin.

Subfamily Parepimeriinae Lowry, 2006

***Parepimeria bidentata* Schellenberg, 1931a**

Schellenberg, 1931a: 164.

Barnard J.L., 1958e: 109.

Lowry & Bullock, 1976: 122.

Watling & Holman, 1980: 647-648, fig. 24.

Andres, 1985: 132.

De Broyer, 1983: 303-304, fig. 99.

Wakabara *et al.*, 1990: 4, 6.

Barnard & Karaman, 1991: 399.

De Broyer & Jazdzewski, 1993: 86.

Gutt *et al.*, 2000: 80-83.

Distribution:

E+W+G

Graham Land: Joinville Island, 210-220 m (W&H 80).

Shag Rocks: 53°34'S 43°23'W, 160 m (bottom/habitat: sand, gravel) (AS 31a).

South Georgia: mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones); Cumberland Bay, 10-15 m (bottom/habitat: clay, pebble); Cumberland Bay, 75 m (bottom/habitat: clay, algae) (AS 31a); *Discovery 1925-27*, sta. 42, 120-204 m; *Islas Orcadas 19*, 53°57'S 36°08'W, 180 m (W&H 80); 53°57'S 36°08'W, 180 m (W&H 80); *PAMRE I*, sta. 50, 53°41'S 37°09'W, 140 m (CDB 83).

South Shetland Islands: *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m (W&H 80); *Walther Herwig 1977-78*, sta. 205, 63°38'S 56°17'W, 0-310 m (bottom: 160-500 m; gear: RMT) (HGA 85); 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl) (JG *et al.* 00).

Depth range: 0-310 m.

Type-locality: Shag Rocks: 53°34'S 43°23'W, 160 m (bottom/habitat: sand, gravel) (AS 31a).

South Georgia: mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones); Cumberland Bay, 10-15 m (bottom/habitat: clay, pebble); Cumberland Bay, 75 m (bottom/habitat: clay, algae) (AS 31a).

Type material location: NRS, Stockholm.

***Parepimeria crenulata* Chevreux, 1912a**

Chevreux, 1912a: 216.

Chevreux, 1913c: 158, figs. 47-49.

Barnard K.H., 1932: 179.

Barnard K.H., 1932: 180. (*Parepimeria crenulata* var. *miothele*).

Stephensen, 1947a: 56.

Barnard J.L., 1958e: 109.

Lowry & Bullock, 1976: 122.

Barnard & Karaman, 1991: 399.

Klages, 1991: 51.

? Rauschert, 1991: 38.

Jazdzewski *et al.*, 1992: 465, 469.

De Broyer & Jazdzewski, 1993: 86.

Jazdzewski *et al.*, 1996: 372.

Distribution:

E+W+G

Bouvet Island: Cape Lollo, 200 m (KS 47a).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Palmer Archipelago: Neumayer Channel [Canal de Roosen],

129 m (EC 13c).

South Georgia: *Discovery 1925-27*, sta. 42, off mouth off Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. 123, off mouth off Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk); sta. MS 63, Cumberland East Bay, 23 m (gear: small beam trawl); sta. MS 71, Cumberland East Bay, 110-60 m (gear: tow-net of coarse silk, small beam trawl); sta. 152, 53°51'S 36°18'W, 245 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge); sta. 195, King George Island, Admiralty Bay, 62°07'S 58°28'W, 391 m (bottom/habitat: mud, stones; gear: nets) (KHB 32); 60 m (gear: Van Veen grab) (KJ *et al.* 92); King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Weddell Sea: eastern shelf (MK 91).

Depth range: 23-391 m.

Type-locality: Palmer Archipelago: Neumayer Channel [Canal de Roosen], 129 m (EC 13c).

Type material location: MNHN, Paris.

***Parepimeria irregularis* (Schellenberg, 1931a)**

Schellenberg, 1931a: 165-166, fig. 86. (*Parepimeriella irregularis*).

Barnard J.L., 1958e: 109. (*Parepimeriella irregularis*).

Lowry & Bullock, 1976: 130. (*Parepimeriella irregularis*).

Watling & Holman, 1980: 646.

Barnard & Karaman, 1991: 379, 399, 644 (gen. rem.).

De Broyer & Jażdżewski, 1993: 87.

Bousfield & Hendrycks, 1994: 42.

Gutt *et al.*, 2000: 80-83.

Distribution:

E+M

Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 197-338 m.

Type-locality: Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

Type material location: NRS, Stockholm.

***Parepimeria major* K.H. Barnard, 1932**

Barnard K.H., 1932: 180, fig. 111.

Barnard J.L., 1958e: 109.

Lowry & Bullock, 1976: 123.

Barnard & Karaman, 1991: 399.

De Broyer & Jażdżewski, 1993: 87.

Gutt *et al.*, 2000: 80-83.

Distribution:

E+W(+Ba)

South Shetland Islands: *Discovery 1925-27*, sta. 170, off Deception Island, 1080 m (bottom/habitat: mud, coarse stones; gear: large heavy dredge) (KHB 32).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 227-1080 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 170, off Deception Island, 1080 m (bottom/habitat: mud, coarse stones; gear: large heavy dredge) (KHB 32).

Type material location: NHM, London.

***Parepimeria minor* Watling & Holman, 1980**

Watling & Holman, 1980: 648-650, fig. 25.

Barnard & Karaman, 1991: 399.

De Broyer & Jażdżewski, 1993: 87.

Gutt *et al.*, 2000: 80-83.

Distribution:

E+W

South Shetland Islands: *Eltanin 6*, sta. 410, 61°18'-20'S 56°09'-10'W, 220-240 m (W&H 80).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 26 DR 20, Kapp Norvegia, 71°29.30'S 14°18.60'W, 216 m (gear: small dredge); sta. 26 DR 21, Kapp Norvegia, 71°29.30'S 14°19.50'W, 210 m (gear: small dredge); sta. 32 DR 27, Kapp Norvegia, 70°28.90'S 08°15.10'W, 286 m (gear: small dredge) (JG *et al.* 00).

Depth range: 210-286 m.

Type-locality: South Shetland Islands: *Eltanin 6*, sta. 410, 61°18'-20'S 56°09'-10'W, 220-240 m (W&H 80).

Type material location: USNM, Washington.

Family AMPELISCIDAE Costa, 1857

***Ampelisca antarctica* Ren, 1991**

Ren, 1991 in Ren & Huang, 1991: 202-203, 298-299, fig. 10.

De Broyer & Jażdżewski, 1993: 23.

Distribution:

W(Ba)

Bransfield Strait: 61°44.3'S 55°43.3'W, 1098 m (bottom/habitat: rock, mud) (R&H 91).

Depth range: 1098 m.

Type-locality: Bransfield Strait: 61°44.3'S 55°43.3'W, 1098 m (bottom/habitat: rock, mud) (R&H 91).

Type specimen location: IOQ, Qingdao.

***Ampelisca anversensis* G.S. Karaman, 1975e**

Karaman G.S., 1975e: 38-44, figs. 1-3.
 Walker, 1903a: 53, pl. 9: figs. 58-61. (*Ampelisca macrocephala*).
 Walker, 1907: 18. (*Ampelisca macrocephala*).
 Stebbing, 1914b: 357. (*Ampelisca macrocephalus*).
 Barnard K.H., 1932: 82, fig. 38. (*Ampelisca macrocephala*).
 ? Nicholls, 1938: 43. (*Ampelisca macrocephala*).
 Lowry & Bullock, 1976: 20-21. (*Ampelisca macrocephala*, in part).
 ? Lowry, 1982: 320. (*Ampelisca macrocephala*).
 De Broyer, 1983: 309-310.
 Bellan-Santini, 1985a: 241.
 Barnard & Karaman, 1991: 87.
 Ren & Huang, 1991: 201-202, fig. 9. (*Ampelisca macrocephala*)
 Jażdżewski *et al.*, 1992: 463, 468.
 De Broyer & Jażdżewski, 1993: 23 (syn.)
 Jażdżewski *et al.*, 1996: 369.
 Gutt *et al.*, 2000: 73-79.

Distribution: E+W+G+M(+Ba)

Adélie Coast: *Aurora* 1912-14, sta. 2, Commonwealth Bay, 527-549 m (GEN 38).

Falkland Islands: Shallow Bay, low tide (TRS 14b).

Palmer Archipelago: Anvers Island, Arthur Harbor, sta. R-1, 64°46'35"S 64°05'08"W, 65 m; sta. R-2, 64°46'31"S 64°04'58"W, 75 m; sta. R-5, 64°46'25"S 64°04'47"W, 50 m; sta. R-9, 64°46'28"S 64°05'03"W, 30 m; sta. R-11, 64°46'25"S 64°04'28"W, 43 m (GSK 75e).

Ross Sea: *Discovery* 1901-04, Coulman Island, 183 m (AOW 07); Cape Adare; Franklin Island (AOW 03a).

South Georgia: *Discovery* 1925-27, sta. 42, off mouth of Cumberland Bay, 120-204 m; sta. 123, off mouth of Cumberland Bay, 230-250 m (gear: large otter trawl) (KHB 32).

South Shetland Islands: *PAMREI*, 4 sta., Admiralty Bay, 80 m (CDB 83); 60-145 m (KJ *et al.* 92); 62° 28.5'S 59°38'40"W, 91 m (bottom/habitat: mud, sand, stones); 62°26.2'S 59°39.0'W, 347 m (bottom/habitat: mud); 62°56.7'S 60°36.2'W, 137 m (DBS 85a); 62°51.6'S 61°06'W, 302 m (R&H 91).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge) (JG *et al.* 00).

Depth range: 0-549 m.

Type-locality: Palmer Archipelago: Anvers Island, Arthur Harbor, sta. R-11, 64°46'25"S 64°04'28"W, 43 m (GSK 75e).

Type specimen location: USNM, Washington.

Remarks: Occurrence in Falkland Islands should be confirmed.

***Ampelisca barnardi* Nicholls, 1938**

Nicholls, 1938: 44, fig. 23.
 Ruffo, 1949: 12.
 Dahl, 1954: 286, figs. 14-21.
 Barnard J.L., 1958e: 19.

Barnard J.L., 1960c: 12, 20, (in key).

Lowry & Bullock, 1976: 18.

Andres, 1979b: 90.

Lowry, 1982: 320.

De Broyer, 1983: 310-311.

Bellan-Santini, 1985a: 247.

Wakabara *et al.*, 1990: 2, 4, 6.

Barnard & Karaman, 1991: 87.

Klages, 1991: 49.

Ren & Huang, 1991: 195-198, fig. 4.

De Broyer & Jażdżewski, 1993: 24.

Gutt *et al.*, 2000: 76-77.

Distribution:

E+W(+Ba)

Adélie Coast: *Aurora* 1912-14, sta. 2, Commonwealth Bay, 518-540 m (GEN 38).

Bellinghausen Sea: *Belgica* 1897-99, 71°19'S 87°37'W (SR 49).

Davis Sea: *Aurora* 1912-14, sta. 12, 198 m (GEN 38).

Ross Sea: 'Discovery Inlet', 550-640 m (ED 54).

South Shetland Islands: Elephant Island, 400-600 m, *Walther-Herwig*, 61°30'S 55°00'W, 198-640 m (gear: RMT) (HGA 79b); 62°12'S 58°55'W, 110 m; 62°14.4'S 58°51'W, 345 m; 62°15.8'S 58°45.9'W, 510 m; 62°51.6'S 58°07.5'W, 654 m; 63°22.5'S 60°34.3'W, 478 m; 63°30.3'S 62°31'W, 180 m (R&H 91).

Weddell Sea: Eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*: sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl); sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m; sta. 29 BP 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 06 AGT 09, Kapp Norvegia, 71°32.10'S 13°44.10'W, 362 m (gear: Agassiz trawl); sta. 26 DR 21, Kapp Norvegia, 71°29.30'S 14°19.50'W, 210 m (gear: small dredge); sta. 12 BT 05, South of Vestkapp, 73°18.10'S 21°10.10'W, 459 m (gear: bottom trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl); sta. 16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 170-640 m.

Type-locality: Adélie Coast: *Aurora* 1912-14, sta. 2, Commonwealth Bay, 518-540 m; Davis Sea: *Aurora* 1912-14, sta. 12, 198 m (GEN 38).

Type specimen location: Types lost (Lowry, 1982).

***Ampelisca bouvieri* Chevreux, 1912a**

Chevreux, 1912a: 210.
 Chevreux, 1913c: 96, figs. 7-9.
 Schellenberg, 1931a: 55.
 Barnard K.H., 1932: 82.
 Barnard J.L., 1958e: 20.

Barnard J.L., 1960c: 12, 21, (in key).
 Arnaud, 1974: 592 (eco).
 Thurston, 1974b: 17.
 Karaman G.S., 1975e: 44-48, fig. 4.
 Lowry & Bullock, 1976: 19.
 De Broyer, 1983: 311-312.
 Bellan-Santini, 1985a: 241-243.
 Andres, 1990: 138, fig. 278.
 Barnard & Karaman, 1991: 87.
 Ren & Huang, 1991: 198-199, fig. 5.
 Rauschert, 1991: 20-36.
 De Broyer & Jażdżewski, 1993: 24.
 Lovell & Trego, 2003: 1814-1815, table 9.

Distribution:**W+G**

Palmer Archipelago: Port Lockroy, Neumayer Channel [Canal de Roosen], 60-70 m (EC 13c); Lecuyer Point, Peltier Channel, 18 m (MHT 74b); Anvers Island, Arthur Harbor, sta. R-1, 64°46'35"S 64°05'08"W, 65 m; sta. R-2, 64°46'31"S 64°04'58"W, 75 m; sta. R-5, 64°46'25"S 64°04'47"W, 50 m; sta. R-6, 64°46'30"S 64°04'12"W, 17 m; sta. R-7, 64°46'33"S 64°03'32"W, 5 m; sta. R-8, 64°46'15"S 16°04'05"W, 50 m; sta. R-9, 64°46'28"S 64°05'03"W, 30 m; sta. R-10, 64°46'26"S 64°04'22"W, 15 m; sta. R-11, 64°46'25"S 64°04'28"W, 43 m; sta. R-12, 64°45'45"S 64°05'50"W, 18 m; sta. R-13, 64°46'03"S 64°04'55"W, 23 m; sta. R-14, 64°46'04"S 64°04'37"W, 30 m (GSK 75e); Anvers Island, near Palmer Station, *PAMRE I*, sta. 19, 64°46'S 64°05'W, 20 m (CDB 83).

South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay with algae); 54°23'S 36°26'W, 64-74 m (bottom/habitat: greyish clay, gravel, stones) (AS 31a); *Discovery 1925-27*, sta. 27, Cumberland West Bay, 110 m (gear: large dredge); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (gear: net attached to back of trawl); sta. 153, 54°08'S 36°27'W, 106 m (gear: large dredge) (KHB 32); *PAMRE I*, sta. 17, 54°39'S 35°41'W, 117 m (CDB 83).

South Shetland Islands: 62°29.7'S 59°40'37"W, 40 m (bottom/habitat: mud, sand, stones); 62°28.3'S 59°41.3'W, 43 m (bottom/habitat: mud, stones); 62°29.5'S 59°40.1'W, 36 m (DBS 85a); 62°46'S 60°26.5'W, 120 m (R&H 91); King George Island, Maxwell Bay, depth? (MR 91); King George Island, 62°16'S 60°38'W, 160 m (gear: otter trawl) (L&T 03).

Trinity Peninsula: James Ross Island, 64°36'S 57°42'W, 125 m (bottom/habitat: small stones, gravel) (AS 31a); Hope Bay, 37-55 m (MHT 74b).

Depth range: 18-136 m.

Type-locality: Palmer Archipelago: Port Lockroy, Neumayer Channel [Canal de Roosen], 60-70 m (EC 13c).

Type specimen location: MNHN, Paris.

***Ampelisca bransfieldi* K.H. Barnard, 1932**

Barnard K.H., 1932: 83.
 ? Stephensen, 1947a: 36, fig. 11. (*Ampelisca ?bransfieldi*).
 Barnard J.L., 1958e: 20.
 Barnard J.L., 1960c: 12, 19 (in key).
 Lowry & Bullock 1976: 19.

De Broyer, 1983: 312-313.
 Barnard & Karaman, 1991: 87.
 Ren & Huang, 1991: 199, fig. 6.
 De Broyer & Jażdżewski, 1993: 24.
 Gutt *et al.* 2000: 76-87

Distribution:**E+W(+Ba)**

South Shetland Islands: *Discovery 1925-27*, sta. 177, Deception Island, 1080 m (gear: large dredge) (KHB 32); Bridgeman Island, 750 m (KS 47a); 62°51.6'S 58°07.5'W, 654 m; 63°22.5'S 60°34.3'W, 478 m (R&H 91).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*: sta. 30 AGT 12, Kapp Norvegia, 70°05.30'S 08°20.00'W, 2315 m (gear: Agassiz trawl); sta. 30 DR 24, Kapp Norvegia, 70°05.30'S 08°20.00'W, 2315 m (gear: small dredge) (JG *et al.* 00).

Depth range: 478-2315 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 177, Deception Island, 1080 m (gear: large dredge) (KHB 32).

Type specimen location: NHM, London.

***Ampelisca composita* Schellenberg, 1931a**

Schellenberg, 1931a: 56-57, fig. 29.
 Barnard & Karaman, 1991: 87.
 Gonzalez, 1991a: 50.
 De Broyer & Jażdżewski, 1993: 24.

Distribution:**M**

Magellan area: 44°14'S 61°23'W, 110 m (AS 31a); Estrecho de Magallanes (EG 91a).

Depth range: 110 m.

Type-locality: Magellan area: 44°14'S 61°23'W, 110 m (AS 31a).

Type specimen location: ZMH, Hamburg.

***Ampelisca dallenei* Bellan-Santini, 1985a**

Bellan-Santini, 1985a: 243-247, figs. 1-2.
 Barnard & Karaman, 1991: 88.
 Klages, 1991: 49.
 De Broyer & Jażdżewski, 1993: 24.

Distribution:**E+W**

South Shetland Islands: English Strait [Estrecho Ingles], sta. 69-45, 62°27.5'S 59°40'W, 230 m (bottom/habitat: mud, sand); Deception Island, sta. 73-1, 62°59.1'S 60°28.9'W, 35 m; Bahia South, sta. 73-2, 64°52.3'S 62°57.2'W, 200 m (DBS 85a).

Weddell Sea: eastern shelf (MK 91).

Depth range: 35-230 m.

Type-locality: South Shetland Islands: English Strait [Estrecho Ingles], sta. 69-45, 62°27.5'S 59°40'W, 230 m (bottom/habitat: mud, sand); Deception Island, sta. 73-1, 62°59.1'S 60°28.9'W, 35 m; Bahia South, sta. 73-2, 64°52.3'S 62°57.2'W, 200 m (DBS 85a).

Type specimen location: MCSN, Verona.

***Ampelisca dentifera* Schellenberg, 1931a**

Schellenberg, 1931a: 53, fig. 28. (*Ampelisca macrocephala* f. *dentifera*).

Lowry & Bullock, 1976: 21. (*Ampelisca macrocephala*, in part).

De Broyer, 1983: 313-314.

Barnard & Karaman, 1991: 88.

Gonzalez, 1991a: 51.

De Broyer & Jazdzewski, 1993: 24.

Distribution:**M**

Magellan area: Argentinian shelf, 43°S, 44°14'S, 95-109 m (AS 31a); Estrecho de Magallanes (EG 91a).

Depth range: 95-109 m.

Type-locality: Argentina: La Plata, 39°14'S 57°0'W, 95 m; Argentinian shelf, 38°S 56°W, 43°S, 44°14'S, 95-109 m (AS 31a).

Extralimital distribution: Argentina: La Plata, 39°14'S 57°0'W, 95 m; Argentinian shelf, 38°S 56°W, 95 m (AS 31a);

Extralimital depth range: 95 m.

Type specimen location: NRS, Stockholm; ZMH, Hamburg.

***Ampelisca gracilicauda* Schellenberg, 1931a**

Schellenberg, 1931a: 52, fig. 27. (*Ampelisca macrocephala* f. *gracilicauda*).

Schellenberg, 1935a: 232.

Lowry & Bullock, 1976: 21. (*Ampelisca macrocephala*, in part).

De Broyer, 1983: 314-315, fig. 101.

Barnard & Karaman, 1991: 88.

Gonzalez, 1991a: 51.

De Broyer & Jazdzewski, 1993: 24.

Distribution:**M+**

Magellan area: S.W. shelf, 44°14'S 61°20'W, 109 m; 45°S 60°W, 102 m; Cabo Virgenes, 58 m (AS 31a); Estrecho de Magallanes; Bahía la Herradura; Canal Desertoires (EG 91a).

Depth range: 58-109 m.

Type-locality: Chile: Valparaiso; Corral, 9-11 m; Magellan area: Cabo Virgenes, 58 m; S.W. continental shelf, 44°14'S 61°20'W, 109 m; 45°S 60°W, 102 m (AS 31a).

Extralimital distribution: Chile: Valparaiso; Corral, 9-11 m; Antofagasta; Coquimbo (AS 31a).

Extralimital depth range: 0-11 m.

Type specimen location: NRS, Stockholm; ZMH, Hamburg.

***Ampelisca hemicyptops* K.H. Barnard, 1930**

Barnard K.H., 1930: 329, fig. 8.

Barnard K.H., 1932: 83, fig. 37b.

Barnard J.L., 1958e: 20.

Barnard J.L., 1960c: 12, 20, (in key).

Barnard J.L., 1966a: 55.

Thurston & Allen, 1969: 377.

Lowry & Bullock, 1976: 20.

De Broyer, 1983: 315.

Bellan-Santini, 1985a: 245-246.

Barnard & Karaman, 1991: 88.

De Broyer & Jazdzewski, 1993: 24.

Distribution:**E+W**

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (gear: large dredge) (KHB 32).

Oates Coast: *Terra Nova 1910*, sta. 194, 329-366 m (KHB 30).

Palmer Archipelago: *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (gear: net attached to back of trawl); sta. 186, Anvers Island, Fournier Bay, 295 m (gear: large dredge); sta. 187, Neumayer Channel, 259 m (gear: large dredge); sta. 190, Bismarck Strait, 90-130 m (gear: large dredge, large rectangular net) (KHB 32).

Ross Sea: *Terra Nova 1910*, sta. 314, McMurdo Sound, 406-441 m; sta. 339, 379 m (KHB 30).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, Cape Bowles, 61°25'S 53°46'W, 342 m (gear: large dredge) (KHB 32).

Depth range: 90-441 m.

Type-locality: Oates Coast: *Terra Nova 1910*, sta. 194, 329-366 m; Ross Sea: *Terra Nova 1910*, sta. 314, McMurdo Sound, 406-441 m; sta. 339, 379 m (KHB 30).

Type specimen location: NHM, London.

***Ampelisca lenaldei* Bellan-Santini, 1985a**

Bellan-Santini, 1985a: 247-251, figs. 3-4.

Barnard & Karaman, 1991: 88.

De Broyer & Jazdzewski, 1993: 24.

Distribution:**W**

South Shetland Islands: Deception Island, sta. 72-15, 62°56.7'S 60°36.2'W, 137 m (DBS 85a).

Depth range: 137 m.

Type-locality: South Shetland Islands: Deception Island, sta. 72-15, 62°56.7'S 60°36.2'W, 137 m (DBS 85a).

Type specimen location: MCSN, Verona.

***Ampelisca macrodonta* Goeke, 1987**

Goeke, 1987: 4-7, figs. 1-2.

Barnard & Karaman, 1991: 88.

De Broyer & Jazdzewski, 1993: 24.

Distribution:**M**

Falkland Islands: Port Stanley, 3-9 m (bottom/habitat: mud, broken shells; gear: dredge); East Falkland Islands, Teal Inlet (GDG 87).

Depth range: 3-9 m.

Type-locality: Falkland Islands: Port Stanley, 3-9 m (bottom/habitat: mud, broken shells; gear: dredge); East Falkland Islands, Teal Inlet (GDG 87).

Type specimen location: USNM, Washington.

***Ampelisca richardsoni* G.S. Karaman, 1975e**

Karaman G.S., 1975e: 48-53, figs. 4-7.
 Chevreux, 1906e: 20, fig. 11. (*Ampelisca eschrichtii*).
 Stebbing, 1906: 100, 721, 722. (*Ampelisca eschrichtii*, in part).
 Chevreux, 1913c: 96. (*Ampelisca eschrichtii*).
 Chilton, 1917a: 87, figs. 5, 7 (not figs. 1-4, 6). (*Ampelisca eschrichtii*, in part).
 Chilton, 1920b: 6. (*Ampelisca eschrichtii*).
 Stephensen, 1925a: 138. (*Ampelisca eschrichtii*, in part).
 Barnard K.H., 1932: 81, fig. 37a. (*Ampelisca eschrichtii*).
 Dahl, 1954: 285. (*Ampelisca ?eschrichtii*).
 Bellan-Santini, 1972a: 183. (*Ampelisca eschrichtii*).
 Arnaud, 1974: 592 (eco). (*Ampelisca eschrichtii*).
 Thurston, 1974b: 17. (*Ampelisca eschrichtii*).
 Lowry & Bullock, 1976: 19-20. (*Ampelisca eschrichtii*, in part).
 De Broyer, 1983: 316-317.
 Bellan-Santini, 1985a: 251.
 Barnard & Karaman, 1991: 88.
 Klages, 1991: 49.
 Ren & Huang, 1991: 199-201, figs. 7-8. (*Ampelisca eschrichtii*).
 Jązdżewski *et al.*, 1992: 463, 468.
 De Broyer & Jązdżewski, 1993: 25.
 Jązdżewski *et al.*, 1996: 369.
 De Broyer *et al.*, 1999: 165.
 Gutt *et al.*, 2000: 73-79.
 Olaso *et al.*, 2000: 143-158. (eco).
 Dauby *et al.*, 2001a: 69-86. (eco).
 Dauby *et al.*, 2001b: 657-662. (eco).
 Graeve *et al.*, 2001: 853-862. (eco).
 Nyssen *et al.*, 2002: 280-287. (eco).

Distribution: E+W+G(+Ba)

Adélie Coast: Cape Géodésie, 170-180 m (DBS 72a).

Marguerite Bay: 200 m (EC 13c).

Palmer Archipelago: Biscoe Bay, 110 m; Port Lockroy 60-70 m (EC 13c); *Discovery 1925-27*, sta. 180, Schollaert Channel, Gand Island, 160 m (gear: large dredge); sta. 187, Neumayer Channel, 259 m (gear: large dredge) (KHB 32); Anvers Island, Arthur Harbor, sta. R-11, 64°46'25"S 64°04'28"W, 43 m; sta. R-12, 64°45'45"S 64°05'50"W, 18 m; sta. R-14, 64°46'04"S 64°04'37"W, 30 m (GSK 75e).

Ross Sea: 'Discovery Inlet', 550 m (ED 54).

South Georgia: *Discovery 1925-27*, sta. 42, off mouth of Cumberland Bay, 120-204 m (gear: net, large otter trawl); sta. 144, off mouth of Stromness Harbour, 155-178 m (gear: net, tow-net of coarse silk) (KHB 32).

South Shetland Islands: 62°27'8"S 59°39'50"W, 201 m (bottom/habitat: mud, sand, stones); 62°28.8'S 59°39.5'W, 85 m (bottom/habitat: mud); 62°23.2'S 59°35.9'W, 100 m (bottom/habitat: mud); 64°52.3'S 62°57.2'W, 200 m (DBS 85a); 62°07.5'S 57°57'W, 400 m; 62°33.1'S 56°28.6'W, 278 m (R&H 91); King George Island, Admiralty Bay, 60-66 m (KJ

et al. 99).

Weddell Sea: eastern shelf (MK 91; CDB *et al.* 99; PD *et al.* 01; FN *et al.* 02); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl); sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 09 BT 03, Kapp Norvegia, 71°34.00'S 12°25.80'W, 604 m (gear: bottom trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 02 AGT 02, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 06 AGT 03, Kapp Norvegia, 71°27.40'S 13°43.30'W, 212 m (gear: Agassiz trawl); sta. 24 AGT 06, Kapp Norvegia, 71°08.15'S 11°32.25'W, 123 m (gear: Agassiz trawl); sta. 25 AGT 07, Kapp Norvegia, 71°23.10'S 14°19.80'W, 634 m (gear: Agassiz trawl); sta. 06 AGT 09, Kapp Norvegia, 71°32.10'S 13°44.10'W, 362 m (gear: Agassiz trawl); sta. 26 DR 21, Kapp Norvegia, 71°29.30'S 14°19.50'W, 210 m (gear: small dredge); sta. 32 DR 27, Kapp Norvegia, 70°28.90'S 08°15.10'W, 286 m (gear: small dredge); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 18-634 m.

Type-locality: Palmer Archipelago: Anvers Island, Arthur Harbor, sta. R-14, 64°46'04"S 64°04'37"W, 30 m (GSK 75e).

Type specimen location: USNM, Washington.

***Ampelisca statenensis* K.H. Barnard, 1932**

Barnard K.H., 1932: 84, fig. 39.
 Barnard J.L., 1958e: 21.
 Barnard J.L., 1960c: 10, 21 (in key).
 Thurston & Allen, 1969: 378.
 Lowry & Bullock, 1976: 21.
 De Broyer, 1983: 317.
 Barnard & Karaman, 1991: 88.
 De Broyer & Jązdżewski, 1993: 25.

Distribution: M
Magellan area: *Discovery 1925-27*, sta. WS 88, Cabo de Hornos, 54°00'S 64°57'W, 113 m (gear: commercial otter trawl) (KHB 32).

Depth range: 113 m.

Type-locality: Magellan area: *Discovery 1925-27*, sta. WS 88, Cabo de Hornos, 54°00'S 64°57'W, 113 m (gear: commercial otter trawl) (KHB 32).

Type specimen location: NHM, London.

***Byblis antarctica* Schellenberg, 1931a**

Schellenberg, 1931a: 59, fig. 31.
 Barnard K.H., 1932: 85, fig. 40.
 Barnard J.L., 1958e: 22.
 Barnard J.L., 1966a: 56 (in key).
 Lowry & Bullock, 1976: 21.

De Broyer, 1983: 319.
 Barnard & Karaman, 1991: 89.
 Klages, 1991: 49.
 Bellan-Santini & Dauvin, 1993: 912, table 1. (phy).
 De Broyer & Jazdzewski, 1993: 25.

Distribution: **E+W(+Ba)**

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (gear: large dredge) (KHB 32).

Antarctic Peninsula: off tip of Peninsula, 65°56'S 54°35'W, 920 m (bottom/habitat: stones, silt) (AS 31a).

Weddell Sea: eastern shelf (MK 91).

Depth range: 342-920 m.

Type-locality: Antarctic Peninsula: off tip of Peninsula, 65°56'S 54°35'W, 920 m (bottom/habitat: stones, silt) (AS 31a).

Type specimen location: NRS, Stockholm.

***Byblis securiger* (K.H. Barnard, 1931a)**

Barnard K.H., 1931a: 426. (*Haploops securiger*).
 Barnard K.H., 1932: 88, fig. 42. (*Haploops securiger*).
 Stephensen, 1947a: 37. (*Haploops securiger*).
 Barnard J.L., 1958e: 22. (*Haploops securiger*).
 Barnard J.L., 1961: 66.
 Barnard J.L., 1966a: 56, (in key).
 Thurston & Allen, 1969: 380. (*Haploops securiger*).
 Arnaud, 1974: 592 (eco). (*Haploops securiger*).
 Lowry & Bullock, 1976: 22.
 Opaliński & Jazdzewski, 1978: 643-655.
 De Broyer, 1983: 319-320.
 Barnard & Karaman, 1991: 89.
 Ren & Huang, 1991: 204-205, fig. 11. (*Haploöps securiger*).
 Bellan-Santini & Dauvin, 1993: 912, table 1. (phy).
 De Broyer & Jazdzewski, 1993: 25.

Distribution: **W+G(+Ba)**

South Georgia: *Discovery 1925-27*, sta. 27, Cumberland West Bay, 110 m (gear: large dredge); sta. 42, sta. 123, off mouth of Cumberland Bay, 120-250 m (gear: nets, large otter trawl); sta. 140, Stromness Harbour to Larsen Point, 122-178 m (gear: nets attached to back of trawl); sta. 144, off mouth of Stromness Harbour, 155-178 m (gear: nets, tow-net of coarse silk); sta. 146, 53°48'S 35°37'W, 728 m (gear: large dredge); sta. 153, 54°08'S 36°27'W, 106 m (gear: large dredge); sta. WS 33, 54°59'S 35°24'W, 130 m (gear: horizontal tow-net) (KHB 32); NE and E, *PAMRE I*, 4 sta., 117-300 m (CDB 83); 54°34'S 35°40'W, 117 m (gear: grab haul) (O&J 78).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (gear: large dredge) (KHB 32); Bridgeman Island, 750 m (KS 47a); 61°11.1'S 56°23.3'W, 578 m; 61°29.4'S 57°43'W, 462 m; 63°22.5'S 60°34.3'W, 478 m (R&H 91). King George Island, Admiralty Bay, 502m (gear: Van Veen grab) (A. Jazdzewska unpubl. rec.).

Depth range: 106-750 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 123, off

mouth of Cumberland Bay, 110 m; Cumberland Bay, 230-250 m (gear: nets, large otter trawl) (KHB 32).

Type specimen location: NHM, London.

***Byblis subantarctica* Schellenberg, 1931a**

Schellenberg, 1931a: 57, fig. 30.

Barnard J.L., 1958e: 22.

Barnard J.L., 1966a: 55. (*Ampelisca subantarctica*).

Lowry & Bullock, 1976: 22. (*Ampelisca subantarctica*).

De Broyer, 1983: 317-318. (*Ampelisca subantarctica*).

Bellan-Santini, 1985a: 251-258, figs. 5-8.

Barnard & Karaman, 1991: 89.

Bellan-Santini & Dauvin, 1993: 912, table 1. (phy)

De Broyer & Jazdzewski, 1993: 25.

Distribution:

W+G

South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay with algae) (AS 31a).

South Shetland Islands: 62°26.5'S 59°36'W, 405 m (bottom/habitat: mud, sand); 62°25'S 59°41'W, 292 m (bottom/habitat: sand, stones); 62°25.5'S 59°40'W, 286 m (bottom/habitat: mud, sand); 62°27.5'S 59°40'W, 230 m (bottom/habitat: mud, sand); 62°26'S 59°43'W, 220 m (bottom/habitat: mud); 68°27'S 59°34.8'W, 400 m (bottom/habitat: mud); Estrecho Ingles, 325 m (gear: dredge); 62°26.7'S 59°34.7'W, 410 m; 62°26.2'S 59°39'W, 347 m (bottom/habitat: mud); 64°52.2'S 62°37'W, 67 m; 64°49.9'S 62°41'W, 140 m (bottom/habitat: mud, stones) (DBS 85a).

Depth range: 67-405 m.

Type-locality: South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay with algae) (AS 31a).

Type specimen location: NRS, Stockholm.

***Byblisoides juxtacornis* K.H. Barnard, 1931a**

Barnard K.H., 1931a: 426.

Barnard K.H., 1932: 87, fig. 41.

Dahl, 1954: 282, figs. 1-13. (*Byblisoides ?juxtacornis*).

Barnard J.L., 1958e: 22.

Barnard J.L., 1964a: 16, (in key).

Thurston & Allen, 1969: 380.

Lowry & Bullock, 1976: 22.

De Broyer, 1983: 321.

Barnard & Karaman, 1991: 90.

De Broyer & Jazdzewski, 1993: 25.

Gutt *et al.*, 2000: 73-79.

Distribution:

E+W(+Ba)

Palmer Archipelago: *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (gear: nets attached to back of trawl); sta. 186, Anvers Island, Fournier Bay, 295 m (gear: large dredge) (KHB 32).

Ross Sea: 'Discovery Inlet', 550 m (ED 54).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 30 AGT 12, Kapp Norvegia, 70°05.30'S

08°20.00'W, 2315 m (gear: Agassiz trawl); sta. 30 DR 24, Kapp Norvegia, 70°05.30'S 08°20.00'W, 2315 m (gear: small dredge) (JG *et al.* 00).

Depth range: 160-2315 m.

Type-locality: Palmer Archipelago: *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (gear: nets attached to back of trawl) (KHB 32).

Type specimen location: NHM, London.

Family AMPHILOCHIDAE Boeck, 1871b

Amphilochella simplicarpa Schellenberg, 1926a

Schellenberg, 1926a: 307, fig. 33. (*Amphilochella simplicarpus*).

Barnard J.L., 1958e: 23. (*Amphilochella simplicarpus*).

Lowry & Bullock, 1976: 22.

Barnard & Karaman, 1991: 93.

De Broyer & Jazdzewski, 1993: 25.

Distribution: **E**

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Depth range: 385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

Amphilochus marionis Stebbing, 1888

Stebbing, 1888: 743, pl. 38.

Della Valle, 1893: 595. (*Amphilochus tenuimanus*, in part).

Stebbing, 1906: 151.

Stebbing, 1910a: 577, 636.

Schellenberg, 1926a: 302. (*Gitanopsis marionis*).

Stephensen, 1927e: 308. (*Amphilochus squamosus*).

? Schellenberg, 1931a: 95, fig. 50, (questioned by Barnard J.L., 1972b). (*Gitanopsis marionis*).

? Schellenberg, 1938a: 17, (questioned by Barnard J.L., 1972b). (*Amphilochus marionis*).

Stephensen, 1949: 6, (in key). (*Gitanopsis marionis*).

Barnard J.L., 1955a: 1.

Hurley, 1955: 208, 209, (in key).

Barnard J.L., 1958e: 24. (*Gitanopsis marionis*).

Barnard J.L., 1962c: 124, (in key).

Barnard J.L., 1964c: 51.

Barnard J.L., 1971a: 25.

Barnard J.L., 1972b: 31, (in key).

Arnaud, 1974: 553, table 17. (eco). (*Gitanopsis marionis*).

Bellan-Santini & Ledoyer, 1974: 643, pl. 1a. (*Gitanopsis marionis*).

Lowry & Bullock, 1976: 22.

Barnard & Karaman, 1991: 96.

Branch *et al.*, 1991: 11, fig. on p.11 (*Gitanopsis marionis*).

De Broyer & Jazdzewski, 1993: 25.

De Broyer & Rauschert, 1999: 283, table 1.

Lowry & Stoddart, 2003: 56.

Chiesa *et al.*, 2005: 170.

Distribution: **S+M+**

Auckland Islands: Carnley Harbour, Masked Island, low tide (KS 49).

Iles Kerguelen: Baie de l'Observatoire (AS 26a); Golfe du Morbihan, 4-15 m (BS&L 74).

Magellan area: Magellan Sound; Canal Beagle, 55°10'S 66°15'W, 100 m (bottom/habitat: gravel, shells) (AS 31a); southern Tierra del Fuego, Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge) (ILC *et al.* 05).

Prince Edward Islands: *Challenger 1873-76*, sta. 145, off Marion Island, 46°43'S 38°04'30"E, 182 m (bottom/habitat: volcanic sand; gear: dredge) (TRS 88).

Depth range: 0-182 m.

Type-locality: Prince Edward Islands: *Challenger 1873-76*, sta. 145, off Marion Island, 46°43'S 38°04'30"E, 182 m (bottom/habitat: volcanic sand; gear: dredge) (TRS 88).

Extralimital distribution: Australia; Gilbert Island; Hawaii; New Zealand.

Extralimital depth range:

Type specimen location: NHM, London.

Gitanopsis amissio Rauschert, 1994

Rauschert, 1994: 148-155, pls. 7-9.

Distribution: **W**

South Shetland Islands: King George Island, Maxwell Bay, Nebles Point, 62°11'S 58°53'W, 90-110 m; Suffield Point, 50-88 m; Ardley Island, 140-150 m; Potter Cove, 45-90 m (MR 94).

Depth range: 45-110 m.

Type-locality: South Shetland Islands: King George Island, Maxwell Bay, 62°11'S 58°53'W, 90-110 m (MR 94).

Type specimen location: ZMB, Berlin.

Gitanopsis denticulata Rauschert, 1994

Rauschert, 1994: 135-141, pls. 1-3.

Distribution: **W**

South Shetland Islands: King George Island, Fildes Strait, 62°14'S 58°55'W, 90-110 m (MR 94).

Depth range: 90-110 m.

Type-locality: South Shetland Islands: King George Island, Fildes Strait, 62°14'S 58°55'W, 90-110 m (MR 94).

Type specimen location: ZMB, Berlin.

Gitanopsis fucatosquamosa Rauschert, 1994

Rauschert, 1994: 141-145, pls. 4-6.

Distribution:**W**

South Shetland Islands: King George Island, Maxwell Bay (near Potter Cove), 62°04'S 58°40'W, 45-110 m (MR 94).

Depth range: 45-110 m.

Type-locality: South Shetland Islands: King George Island, Maxwell Bay (near Potter Cove), 62°04'S 58°40'W, 45-110 m (MR 94).

Type specimen location: ZMB, Berlin.

***Gitanopsis inaequipes* Schellenberg, 1926a**

Schellenberg, 1926a: 303, fig. 31.

Stephensen, 1949: 6, (in key).

Barnard J.L., 1958e: 24.

Barnard J.L., 1962c: 130, (in key).

Lowry & Bullock, 1976: 23.

Barnard & Karaman, 1991: 98.

De Broyer & Jazdzewski, 1993: 25.

Rauschert, 1994: 134.

Distribution:**E(+Ba)**

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 25 DR 19, Kapp Norvegia, 71°22.90'S 14°19.20'W, 622 m (gear: small dredge); sta. 32 DR 27, 70°28.90'S 08°15.10'W, 286 m (gear: small dredge); sta. 02 MG 30, Kapp Norvegia, 71°19.20'S 12°27.00'W, 253 m (gear: multibox corer); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 245-622 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Gitanopsis pusilla* K.H. Barnard, 1916**

Barnard K.H., 1916: 144, pl. 26, figs. 11, 12.

Stephensen 1949: 8, fig. 1.

Macnae, 1953: 1025.

Barnard & Karaman, 1991: 97.

De Broyer & Jazdzewski, 1993: 25.

Distribution:**T+**

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha 1937-38*, sta. 68, Tristan da Cunha Island, 0 m; sta. 111, Nightingale Island, 40-60 m (KS 49); no loc. (WM 53).

Depth range: 0-60 m.

Type-locality: South Africa: Buffle Bay; St. James; Sea Point near Cape Town (KHB 16).

Type specimen location: SAM, Capetown.

***Gitanopsis simplex* Schellenberg, 1926a**

Schellenberg, 1926a: 305, fig. 32.

Stephensen, 1949: 6, (in key).

Barnard J.L., 1958e: 24.

Barnard J.L., 1962c: 130, (in key).

Lowry & Bullock, 1976: 23.

Barnard & Karaman, 1991: 98.

? Rauschert, 1991: 36 (*Gitanopsis* cf. *simplex*).

De Broyer & Jazdzewski, 1993: 26.

Distribution:**E+W**

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

South Shetland Islands: King George Island, Maxwell Bay (MR 91).

Depth range: ?-385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Gitanopsis squamosa* (Thomson, 1880)**

Thomson, 1880: 4. pl. 1: fig. 4. (*Amphilocheus squamosus*).

Thomson, 1881: 214, fig. 5a, b. (*Amphilocheus squamosus*).

Thomson & Chilton, 1886: 149. (*Amphilocheus squamosus*).

Della Valle, 1893: 597. (*Amphilocheus squamosus*).

Hutton, 1904: 258. (*Amphilocheus squamosus*).

Stebbing, 1906: 161. (*Amphilocheus squamosus*).

Chevreaux, 1912a: 211. (*Gitanopsis antarctica*).

Chilton, 1912a: 479. (*Amphilocheus squamosus*, in part).

Chevreaux, 1913c: 104, figs. 13-15. (*Gitanopsis antarctica*).

Chilton, 1923a: 240. (*Amphilocheus squamosus*, in part).

Chilton, 1923b: 84. (*Amphilocheus squamosus*).

Schellenberg, 1926a: 301.

Non Stephensen, 1927e: 308. (*Amphilocheus squamosus* = *Amphilocheus marionis*).

Barnard K.H., 1932: 104. (*Gitanopsis antarctica*).

Stephensen, 1947a: 45. (*Gitanopsis antarctica*).

Stephensen, 1949: 6, (in key). (*Gitanopsis antarctica*).

Hurley, 1955: 208, 213, figs. 91-118, (in key).

Barnard J.L., 1958e: 24.

Barnard J.L., 1962c: 130, (in key).

Barnard J.L. 1972c: 31, 36, (in key).

Arnaud, 1974: 553, table 17 (eco).

Arnaud, 1974: 565 (eco). (*Gitanopsis antarctica*).

Bellan-Santini & Ledoyer, 1974: 643, pl. 1b.

Lowry, 1974a: 102, 122, fig. 3g, h, (in key).

Thurston, 1974a: 23.

Thurston, 1974b: 17.

Lowry & Bullock, 1976: 23.

Wakabara *et al.*, 1990: 2, 4, 6.

Branch *et al.*, 1991: 11, 40, 42, fig. on p.11.

Gonzalez, 1991a: 51.

Jazdzewski *et al.*, 1991: 110.

Rauschert, 1991: 20-36.

Jazdzewski *et al.*, 1992: 463, 468.

De Broyer & Jażdżewski, 1993: 26.

Rauschert, 1994: 135.

Jażdżewski et al., 1996: 369.

Distribution: **W+G+S+M+T**

Bransfield Strait, 62°58.7'S 57°08.1'W, 88 m (YW *et al.* 90).

Graham Land: Wilhelmina Bay, 64°30'S 62°W (DEH 55).

Iles Kerguelen: no loc. (AS 26a); Golfe du Morbihan, 4-5 m (BS&L 74).

Magellan area: Puerto Pantalón, low tide (AS 31a).

Prince Edward Islands: 10-15 m (MLB *et al.* 91).

Palmer Archipelago: Port Lockroy, 20-30 m (KS 47a); Goudier Island, low tide -1 m (MHT 70).

South Georgia: *Discovery 1925-27*, sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl) (KHB 32); off Grytviken, 30 m (AS 31a).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, shore pools (CC 12a); Signy Island, Borge Bay, littoral-20 m, Paal Harbour, 5-15 m (MHT 70).

South Shetland Islands: Deception Island, 75 m (KS 47a); King George Island, Admiralty Bay, 10-30 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91).

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha 1937-38*, Tristan da Cunha Island, sta. 3, on holdfast of *Macrocystis*; sta. 68, 0 m; sta. 71, 0 m; sta. 74, 0 m; sta. 78, 0 m; Inaccessible Island, sta. 150, 0 m; sta. 160, 0 m (KS 49).

Wilhelm Archipelago: Petermann Island, 3 m (EC 13c).

Depth range: 0-88 m.

Type-locality: New Zealand: Dunedin Harbour, 7-9 m (GMT 80).

Extralimital distribution: New Zealand (DEH 55).

Extralimital depth range:

Type specimen location:

Family ASTYRIDAE Pirlot, 1934

[Coleman & Barnard, 1991b: 263; Berge & Vader, 2005b]

Astyra antarctica Andres, 1997

Andres, 1997: 81-89, figs. 1-28.

Distribution: **M**

South Shetland Islands: *Polarstern ANT VI*, sta. 151, Elephant Island, 61°15'S 55°00'W, 120 m (gear: box corer); *Walther Herwig 68*, sta. 171, 60°53'S 55°46.1'W, 260 m (bottom/habitat: muddy, fine sand with stones; gear: Van Veen grab) (HGA 97).

Depth range: 120-260 m.

Type-locality: South Shetland Islands: *Polarstern ANT VI*, sta. 151, Elephant Island, 61°15'S 55°00'W, 120 m (gear: box corer) (HGA 97).

Type specimen location: ZMH, Hamburg.

Eclysis similis K.H. Barnard, 1932

Barnard K.H., 1932: 182, fig. 112.

Barnard K.H., 1931a: 428. (*Epimeriopsis australis*).

Barnard J.L., 1958e: 108.

Lowry & Bullock, 1976: 119.

Karaman & Barnard, 1979: 109-110. (*Epimeriella similis*).

Andres & Lott, 1986: 131-137, figs. 1-2.

Barnard & Karaman, 1991: 706, 707.

Klages, 1991: 49.

De Broyer & Jażdżewski, 1993: 26.

Distribution: **E+G**

South Georgia: *Discovery 1925-27*, sta. 123, off mouth of Cumberland Bay, 230-250 m (gear: nets, large otter trawl) (KHB 32).

Weddell Sea: eastern shelf (MK 91).

Depth range: 230-250 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 123, off mouth of Cumberland Bay, 230-250 m (gear: nets, large otter trawl) (KHB 32).

Type specimen location: NHM, London.

Family ATYLIDAE G.O. Sars, 1883

[Bousfield & Kendall 1994]

Subfamily Atylinae G.O. Sars, 1883

Atylus dentatus (Schellenberg, 1931a)

Schellenberg, 1931a: 167, fig. 87: pl. 1: fig. 11, 12. (*Nototropis homochir dentatus*).

Lowry & Bullock, 1976: 35. (*Atylus homochir dentatus*).

Barnard & Karaman, 1991: 264.

Gonzalez, 1991a: 53. (*Atylus homochir dentatus*).

De Broyer & Jażdżewski, 1993: 31.

Distribution: **M**

Falkland Islands: Port William, 40 m (bottom/habitat: sand, pebble, algae) (AS 31a).

Magellan area: Isla Lennox, 18-27 m (bottom/habitat: cliffs with Florideae), Caleta Lennox, 18-36 m (bottom/habitat: Florideae); Magellan Sound (AS 31a).

Depth range: 18-40 m.

Type-locality: Falkland Islands: Port William, 40 m (bottom/habitat: sand, pebble, algae) (AS 31a).

Magellan area: Isla Lennox, 18-27 m (bottom/habitat: cliffs with Florideae), Caleta Lennox, 18-36 m (bottom/habitat: Florideae); Magellan Sound (AS 31a).

Type specimen location: NRS, Stockholm.

Atylus villosus Bate, 1862

Bate, 1862: 135, pl. 26: fig. 1.

Della Valle, 1893: 698, (*Atylus swammerdamii*, in part).

Stebbing, 1906: 334. (*Nototropis villosus*).

Schellenberg, 1931a: 168, fig. 88: pl. 1, fig. 11. (?*Nototropis villosus*).

Barnard K.H., 1932: 184, fig. 113. (*Nototropis villosus* typical form).

Barnard K.H., 1932: 185. (*Nototropis villosus* dentate form).

Schellenberg, 1935: 232. (*Nototropis villosus*).

Barnard J.L., 1958e: 31.

Bellan-Santini & Ledoyer, 1974: 646, pl. 4.

Lowry & Bullock, 1976: 35.

Barnard & Karaman, 1991: 265.

Gonzalez, 1991a: 53.

De Broyer & Jazdzewski, 1993: 31.

De Broyer & Rauschert, 1999: 283, table 1.

Chiesa *et al.*, 2005, 170. (*Atylus cf. villosus*)

Distribution: S+M+

Iles Kerguelen: Golfe du Morbihan, Ile Hoskyn, 120-140 m (BS&L 74).

Magellan area: Isla Hermite (CSB 62), Caleta Lennox (bottom/habitat: kelp) (AS 31a); *Discovery 1925-27*: sta. WS 89, Tierra del Fuego, 9 miles N 21°E of Punta Arenas Light, 21-23 m (bottom: mud, gravel, stones; gear: net attached to back of trawl); sta. 222, Cabo de Hornos [Cape Horn], Isla Hermite, Caleta San Martin, 30-35 m (gear: large fish-trap, large rectangular net) (KHB 32); Estrecho de Magallanes (EG 91a); southern Tierra del Fuego, Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge); Bahia Aguirre, 54°54'S 65°57'W, 30-35 m (gear: dredge) (ILC *et al.* 05).

Depth range: 15-140 m.

Type-locality: Magellan area: Isla Hermite (CSB 62).

Extralimital distribution: Chile; South Atlantic Ocean.

Extralimital depth range:

Type specimen location: NHM, London.

Family CLARENCIIDAE Barnard & Karaman, 1987

Clarencia chelata K.H. Barnard, 1931a

Barnard K.H., 1931a: 428.

Barnard K.H., 1932: 156, fig. 91.

Barnard J.L., 1958e: 33.

Lowry & Bullock, 1976: 42.

Voss, 1988: 54.

Shaw, 1989: 201-207, figs.1-3.

Barnard & Karaman, 1991: 132, figs. 37, 63.

De Broyer & Jazdzewski, 1993: 26.

De Broyer *et al.*, 1999: 165.

Distribution: E+W

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (gear: large dredge) (KHB 32).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (CDB *et al.* 99).

Depth range: 342 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342

m (gear: large dredge) (KHB 32).

Type specimen location: NHM, London.

Family COLOMASTIGIDAE Stebbing, 1899a

Colomastix castellata K.H. Barnard, 1932

Barnard K.H., 1932: 115, fig. 64.

Hurley, 1954d: 420, (in key).

Barnard J.L., 1958e: 34.

Lowry & Bullock, 1976: 25.

Barnard & Karaman, 1991: 134.

De Broyer & Jazdzewski, 1993: 27.

Distribution: M

Falkland Islands: *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (gear: large dredge) (KHB 32).

Depth range: 105-115 m.

Type-locality: Falkland Islands: *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (gear: large dredge) (KHB 32).

Type specimen location: NHM, London.

Colomastix fissilingua Schellenberg, 1926a

Schellenberg, 1926a: 324, fig. 42.

Walker, 1907: 38. (*Colomastix pusilla*).

Chilton, 1912a: 484. (*Colomastix brazieri*).

Schellenberg, 1931a: 114.

Barnard K.H., 1932: 114, fig. 63.

Hurley, 1954d: 420, (in key).

Barnard J.L., 1958e: 34.

Arnaud, 1974: 544, 546, 553, tables 14, 17 (eco).

Bellan-Santini & Ledoyer, 1974: 646.

Lowry & Bullock, 1976: 25.

Holman & Watling, 1983b: 215-218, figs. 1-2.

Barnard & Karaman, 1991: 134.

Gonzalez, 1991a: 51-52.

Klages, 1991: 49.

Rauschert, 1991: 20-36.

De Broyer & Jazdzewski, 1993: 27.

De Broyer *et al.*, 1999: 165.

Gutt *et al.*, 2000: 73-79.

Distribution: E+W+G+S+M

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Falkland Islands: Port Albemarle, 15-40 m (bottom/habitat: sand, algae); Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae); 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel); 53°45'S 61°10'W, 135-150 m (bottom/habitat: gravel, stones, shells) (AS 31a).

Iles Kerguelen: Baie de l'Observatoire (AS 26a), 10 m (BS&L 74); Golfe du Morbihan, 0-15 m, Ile du Chat, Port-aux-Français, 2 m; Ile aux Moules, low tide; Ile Australia, 24 m; Anse Joliette,

10-54 m; Bras Laboureur, 10- 35 m (BS&L 74).

Magellan area: Puerto Condor, 90 m (bottom/habitat: ascidians, sponges); Ultima Esperanza, 13-18 m (bottom/habitat: algae, clay, stones) (AS 31a); *Eltanin* 9, sta. 740, 56°06'-07'S 66°19'-30'W, 384-494 m (H&W 83).

Ross Sea: *Discovery* 1901-04, Hut Point (AOW 07).

South Georgia: *Discovery* 1925-27: sta. 39, Cumberland East Bay, 179-235 m (gear: large otter trawl); sta. WS 27, 53°55'S 38°01'W, 107 m (gear: horizontal tow-net) (KHB 32); *Islas Orcadas* 575, sta. 82, 55°29'S 35°20.5'W, 413-462 m; sta. 90, 54°50.6'S 37°23.8'W, 223-227 m (H&W 83).

South Orkney Islands: *Scotia* 1902-04, sta. 325, Laurie Island, Scotia Bay (CC 12a).

South Shetland Islands: *Eltanin* 6, sta. 418, 62°39'-40'S 56°08'-10'W, 311-426 m; *Eltanin* 12, sta. 1003, 62°41'S 54°43'W, 210-220 m (H&W 83); King George Island, Maxwell Bay; Fildes Strait, 8-10 m (MR 91).

Weddell Sea: eastern shelf (MK 91; CDB *et al.* 99); *Polarstern ANT XIII/3 (EASIZ I)*: sta. 26 DR 20, Kapp Norvegia, 71°29.30'S 14°18.60'W, 216 m (gear: small dredge); sta. 26 DR 21, Kapp Norvegia, 71°29.30'S 14°19.50'W, 210 m (gear: small dredge); sta. 32 DR 27, Kapp Norvegia, 70°28.90'S 08°15.10'W, 286 m (gear: small dredge); sta. 02 MG 28, Kapp Norvegia, 71°19.10'S 12°22.80'W, 159 m (gear: multibox corer) (JG *et al.* 00).

Depth range: 0-494 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m; Iles Kerguelen: Baie de l'Observatoire (AS 26a).

Type specimen location: ZMB, Berlin.

***Colomastix simplicicauda* Nicholls, 1938**

Nicholls, 1938: 62, fig. 32.

Hurley, 1954c: 420, (in key).

Barnard J.L., 1958e: 34. (*Colomastix simplicicauda*).

Barnard J.L., 1972b: 48. (*Colomastix simplicicauda*).

Lowry & Bullock, 1976: 25.

Lowry, 1982: 320.

Holman & Watling, 1983b: 219-221, figs. 3-4.

Barnard & Karaman, 1991: 135.

Klages, 1991: 49.

De Broyer & Jażdżewski, 1993: 27.

De Broyer *et al.*, 2001: 744-753. (eco)

Distribution:

E+W+S

Macquarie Island: North End (GEN 38).

South Shetland Islands: *Eltanin* 6, sta. 410, 61°18'-20'S 56°09'-10'W, 220-240 m (H&W 83).

Weddell Sea: eastern shelf (MK 91), 228 m (CDB *et al.* 01).

Depth range: 220-240 m.

Type-locality: Macquarie Island: North End (GEN 38).

Type specimen location: Types lost (Lowry, 1982).

***Colomastix* sp. Holman & Watling, 1983b**

Holman & Watling, 1983b: 221, fig. 5.

Barnard & Karaman, 1991: 29, 30, 32, 33.

De Broyer & Jażdżewski, 1993: 27.

Distribution:

W

South Shetland Islands: *Eltanin* 6, sta. 410, 61°18'S-61°20'S 56°09'W-56°10'W, 220-240 m (H&W 83).

Depth range: 220-240 m.

Family CYPROIDEIDAE J.L. Barnard, 1974b

***Victorhensenoides arntzi* Rauschert, 1996**

Rauschert, 1996: 201-206, pls. 1-2.

De Broyer & Rauschert, 1999: 283, table 1.

Distribution:

M

Magellan area: Canal Beagle, 45°56'S 69°14.3'W, 208 m (MR 96).

Depth range: 208 m.

Type-locality: Magellan area: Canal Beagle, 45°56'S 69°14.3'W, 208 m (MR 96).

Type specimen location: ZMB, Berlin.

Family DEXAMINIDAE Leach, 1814b

Subfamily Dexamininae Leach, 1814b

***Paradexamine fissicauda* Chevreux, 1906c**

Chevreux, 1906c: 82, fig. 1, 2.

Chevreux, 1906e: 88, fig. 51-53.

Chilton, 1912a: 501. (*Paradexamine pacifica*).

Chevreux, 1913c: 181.

Chilton, 1925a: 179. (*Paradexamine pacifica*).

Schellenberg, 1931a: 210.

Barnard K.H., 1932: 217.

Sheard, 1938: 176, 185, (in key).

Stephensen, 1938c: 241.

Stephensen, 1947a: 66.

Barnard J.L., 1958e: 39.

Bellisio, 1966: 52 (not pl. 26).

Barnard J.L., 1972a: 75, figs. 34-36.

Castellanos, 1973: 13, 17.

Thurston, 1974a: 88, fig. 35a-i.

Thurston, 1974b: 17.

Lowry & Bullock, 1976: 36.

Arnaud *et al.*, 1986: 16, tab. I.

Wakabara *et al.*, 1990: 4,6.

Barnard & Karaman, 1991: 271.

Jażdżewski *et al.*, 1991: 110.

Ren & Huang, 1991: 209-210, fig. 13.

Rauschert, 1991: 20-36.

Jażdżewski *et al.*, 1992: 463, 468.

De Broyer & Jażdżewski, 1993: 32.

Jażdżewski *et al.*, 1996: 369.

Distribution:**W+G****Danco Coast:** Paradise Harbour, 'Point Vidt', 4-25 m; 'Cape Herman', 15-22 m (ZJC 73).**Palmer Archipelago:** Neumayer Channel [Canal de Roosen], 60-129 m (EC 13c); Port Lockroy, 9-30 m (KS 47a); Lecuyer Point, Peltier Channel, 18 m (MHT 74b).**South Georgia:** Cumberland Bay, 10-15 m (bottom/habitat: pebble, clay); Moraine Fjord, 70 m (bottom/habitat: gravel, clay); Grytviken, 20 m (bottom/habitat: *Macrocystis*); Grytviken, 2-8 m (bottom/habitat: *Macrocystis*); mouth of Grytviken, 12-15 m (bottom/habitat: sand, algae); off Grytviken, 25-30 m (bottom/habitat: gravel, algae) (AS 31a); *Discovery 1925-27*: East Cumberland Bay: sta. 141, 17-27 m (gear: small beam trawl); sta. MS 63, 23 m (gear: small beam trawl); sta. MS 65, 39 m (gear: small beam trawl, tow-net of coarse silk); sta. MS 66, 18 m (gear: tow-net of coarse silk); sta. MS 74, 22-40 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32); Godthul Bay, 55 m; 'Hystadhullet', 10-40m; Hound Bay, 18 m; Cumberland West Bay, Jason Harbour, 20 m (KS 47a).**South Orkney Islands:** *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, 4-18 m (bottom/habitat: gravel and clumps of weeds) (CC 12a); Signy Island, Borge Bay, 1-20 m; Paal Harbour, 5-49 m (MHT 74a).**South Shetland Islands:** 62°09'15"S 58°28'30"W, 17-40 m (YW *et al.* 90); 64°52.4'S 63°36'W, 20-100 m (R&H 91); King George Island, Maxwell Bay; Fildes Strait, 19 stations, 5-100 m (gear: SCUBA; dredge) (MR 91); Admiralty Bay, 15-46 m (KJ *et al.* 92).**Trinity Peninsula:** Hope Bay, 37-73 m (MHT 74b).**Wilhelm Archipelago:** Booth Island, 20-25 m (EC 06c); 'Carthage Bay', 40 m; Port Charcot, 40 m; Petermann Island 40-70 m; Lemaire Channel, 40-60 m (EC 06e).**Depth range:** 1-129 m.**Type-locality:** Wilhelm Archipelago: Booth Island, 20-25 m (EC 06c).**Type specimen location:** MNHN, Paris.***Paradexamine nana* Stebbing, 1914b**Stebbing, 1914b: 366. (*Paradexamine namus*).

Schellenberg, 1931a: 210.

Sheard, 1938: 176, 185, (in key).

Barnard J.L., 1958e: 39.

Lowry & Bullock, 1976: 36.

Barnard & Karaman, 1991: 271.

Gonzalez, 1991a: 53.

De Broyer & Jazdzewski, 1993: 32.

De Broyer & Rauschert, 1999: 283, table 1.

Chiesa *et al.*, 2005: 170.**Distribution:****M****Falkland Islands:** Port Albemarle, 15-40 m (bottom/habitat: sand, algae); Port William, 22 m (bottom/habitat: sand); Port William, 40 m (bottom/habitat: sand, pebble, algae); Port Louis, 2 m (bottom/habitat: sandy shore); Port Louis (bottom/habitat: rocks, algae) (AS 31a); Port Stanley (TRS 14b).**Magellan area:** Puerto Condor, 90 m (bottom/habitat: rockybottom/habitat with epibionts); Caleta Lennox, 18-36 m (bottom/habitat: Florideae); Puerto Madryn, 4-10 m (bottom/habitat: sand, clay) (AS 31a); southern Tierra del Fuego, Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge) (ILC *et al.* 05).**Depth range:** 2-90 m.**Type-locality:** Falkland Islands: Port Stanley (TRS 14b).**Type specimen location:** NHM, London?***Paradexamine pacifica* (Thomson, 1879b)**Thomson, 1879b: 238, pl. 10: fig. b4. (*Dexamine pacifica*).Thomson & Chilton, 1886: 149. (*Dexamine pacifica*).Thomson, 1889: 262. (*Dexamine pacifica*).Della Valle, 1893: 574. (*Dexamine spinosa* in part).

Stebbing, 1899d: 210.

Hutton, 1904: 259.

Stebbing, 1906: 518.

Calman, 1908: 233.

Chilton, 1909b: 632.

Stebbing, 1910a: 644.

Chilton, 1911d: 308.

Non Chilton, 1912: 501. (*Paradexamine pacifica* = *Paradexamine fissicauda*).

Thomson, 1913: 243.

Non Chilton, 1925a: 179. (*Paradexamine pacifica* = *Paradexamine fissicauda*).

Stephensen, 1927e: 345, figs. 21, 22.

Non Barnard K.H., 1930: 389, fig. 49a-c. (*Paradexamine pacifica* = *Paradexamine barnardi*).

Schellenberg, 1931a: 209.

Sheard, 1938: 176, fig. 5, (in key).

Stephensen, 1938c: 246.

Barnard J.L., 1958e: 39.

Day, Field & Penrith, 1970: 53. (eco).

Barnard J.L., 1972a: 122, figs. 67-69.

Barnard J.L., 1972b: 25, 60, (in key).

Arnaud, 1974: 553, table 17. (eco). (*Paradexamine pacifica* f. *kerqueleni*).Bellan-Santini & Ledoyer, 1974: 649, pl. 5. (*Paradexamine pacifica* f. *kerqueleni*).

Lowry, 1974a: 106, 123, (in key).

Griffiths, 1975: 117.

Non Chilton, 1912a: 501. (*Paradexamine pacifica* = *Paradexamine fissicauda*).*Non* Chilton, 1925a: 179. (*Paradexamine pacifica* = *Paradexamine fissicauda*).*Non* Barnard K.H., 1930: 389, fig. 49a-c. (*Paradexamine pacifica* = *Paradexamine barnardi*).

Lowry & Bullock, 1976: 36-37.

Barnard & Karaman, 1991: 271.

Gonzalez, 1991a: 53.

De Broyer & Jazdzewski, 1993: 32.

De Broyer & Rauschert, 1999: 283, table 1.

Distribution:**S+****Auckland Islands:** Carnley Harbour, 4 m (CC 09b); Port Ross,

19 m (KS 27e).

Campbell Island: Perseverance Harbour, 19-38 m (KS 27e).

Iles Kerguelen: Golfe du Morbihan, 15 m (BS&L 74).

Depth range: 4-38 m.

Type-locality: New Zealand: no loc. (GMT 79b).

Extralimital distribution: Australia; New Zealand; South Africa; South America.

Extralimital depth range:

Type specimen location:

***Paradexamine sexdentata* Schellenberg, 1931a**

Schellenberg, 1931a: 211, fig. 106.

Sheard, 1938: 176, 185, (in key).

Barnard J.L., 1958e: 39.

Lowry & Bullock, 1976: 37.

Barnard & Karaman, 1991: 271.

De Broyer & Jazdzewski, 1993: 32.

Distribution:

G

South Georgia: off Grytviken, 25-50 m (bottom/habitat: greyish clay); off Grytviken, 30 m (bottom/habitat: gravel, algae); mouth of Grytviken, 12-15 m (bottom/habitat: sand, algae); mouth of Cumberland Bay, 250-310 m (AS 31a).

Depth range: 12-310 m.

Type-locality: South Georgia: off Grytviken, 25-50 m (bottom/habitat: greyish clay); off Grytviken, 30 m (bottom/habitat: gravel, algae); mouth of Grytviken, 12-15 m (bottom/habitat: sand, algae); mouth of Cumberland Bay, 250-310 m (AS 31a).

Type specimen location: NRS, Stockholm.

Subfamily Polycherinae Bousfield & Kendall, 1994

***Polycheria acanthocephala* Schellenberg, 1931a**

Schellenberg, 1931a: 221-223, fig. 113.

Barnard & Karaman, 1991: 272.

Gonzalez, 1991:53.

De Broyer & Jazdzewski, 1993: 32.

Distribution:

M+

Magellan area: Estrecho de Magallanes (EG 91a).

Depth range: 100 m.

Type-locality: Argentina: 37°50'S 56°11'W, 100 m (bottom/habitat: sand, gravel) (AS 31a).

Type specimen location: NRS, Stockholm.

***Polycheria acanthopoda* Thurston, 1974b**

Thurston, 1974b: 18, fig. 5. (*Polycheria antarctica* f. *acanthopoda*)

Lowry & Bullock, 1976: 38. (*Polycheria antarctica*, in part).

Holman & Watling, 1983b: 222-223, fig. 6. (*Polycheria antarctica* f. *acanthopoda*)

Barnard & Karaman, 1991: 272.

De Broyer & Jazdzewski, 1993: 32.

Distribution:

W+G

Graham Land: Hope Bay, 73 m (MHT 74b).

South Georgia: *Islas Orcadas* 575, sta. 90, 54°50.6'S 37°23.8'W, 223-227 m (H&W 83).

South Shetland Islands: *Eltanin* 12, sta. 1003, 62°41'S 54°43'W, 210-220 m (H&W 83).

Depth range: 73-227 m.

Type-locality: Graham Land: Hope Bay, 73 m (MHT 74b).

Type specimen location: NHM, London.

***Polycheria antarctica* (Stebbing, 1875b)**

Stebbing, 1875b: 185, pl. 15a: fig. 1. (*Dexamine antarctica*).

Stebbing, 1878a: 370. (senior homonym). (*Atylus antarcticus*).

Stebbing, 1888: 451, 513, 941. (*Tritaeta antarctica*).

Non Stebbing, 1888: 941, pl. 83. (*Tritaeta kergueleni* = *Polycheria kergueleni*).

Della Valle, 1893: 580, pl. 58: figs. 83, 84.

Non Walker, 1903a: 58, pl. 11: figs. 91-97. (*Atylus antarcticus* = *Paramoera walkeri*).

Non Hutton, 1904: 259. (*Tritaeta antarctica* = *Polycheria obtusa*).

? Walker, 1904: 266, pl. 4: fig. 25. (?*Tritaeta antarctica*).

Stebbing, 1906: 520, figs. 90, 91.

Walker, 1907: 34.

Stebbing, 1910a: 644.

Chilton, 1912a: 502.

Chilton, 1913: 62.

Non Barnard K.H., 1916: 211. (*Polycheria antarctica* = *Polycheria atolli*).

? Chilton, 1921d: 77.

Non Schellenberg, 1926a: 370, fig. 58. (= *Polycheria cristata*, *Polycheria kergueleni*).

? Hale, 1929: 216, fig. 214.

Barnard K.H., 1930: 390, 450, fig. 49d.

Schellenberg, 1931a: 214.

Non Schellenberg, 1931a: 215. (*Polycheria antarctica* f. *cristata* = *Polycheria cristata*).

Non Schellenberg, 1931a: 215. (*Polycheria antarctica* f. *kergueleni* = *Polycheria kergueleni*).

Non Schellenberg, 1931a: 216, fig. 107b, 108. (*Polycheria antarctica* f. *gracilipes* = *Polycheria gracilipes*).

Non Schellenberg, 1931a: 217, fig. 107a, 109. (*Polycheria antarctica* f. *dentata* = *Polycheria dentata*).

Non Schellenberg, 1931a: 218, fig. 107c, 110. (*Polycheria antarctica* f. *similis* = *Polycheria similis*).

Non Schellenberg, 1931a: 218, fig. 107d, 111. (*Polycheria antarctica* f. *bidens* = *Polycheria bidens*).

Non Schellenberg, 1931a: 220, fig. 107e, 112. (*Polycheria antarctica* f. *macrophthalma* = *Polycheria macrophthalma*).

? Schellenberg, 1931a: 221, fig. 107f, g. (*Polycheria antarctica* f. *tenuipes* = *Polycheria tenuipes*).

Barnard K.H., 1932: 217.

? Shoemaker, 1935a: 240. (= *Polycheria* sp.)

Non Alderman, 1936: 63. (*Polycheria antarctica* = *Polycheria*

osborni).

Nicholls, 1938: 123.

? Pirlot, 1938: 329.

Non Stephensen, 1947a: 66, fig. 21. (*Polycheria antarctica* f. *intermedia* = *Polycheria intermedia*).

Non Barnard J.L., 1954a: 21. (*Polycheria antarctica* = *Polycheria osborni*).

Barnard J.L., 1954a: 3, 21, (in key).

Barnard J.L., 1958e: 39.

Bellan-Santini, 1972a: 184.

Arnaud, 1974: 546, 553, 556, tables 14, 17, 18 (eco).

Non Bellan-Santini & Ledoyer, 1974: 649. (= *Polycheria kergueleni*).

Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *antarctica*).

Non Thurston, 1974b: 18, fig. 5, (in key). (*Polycheria antarctica* f. *acanthopoda* = *Polycheria acanthopoda*).

Non Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *bidens* = *Polycheria bidens*).

Non Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *cristata* = *Polycheria cristata*).

Non Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *dentata* = *Polycheria dentata*).

Non Thurston, 1974a: 90, fig. 35j, k. (*Polycheria antarctica* f. *gracilipes* = *Polycheria gracilipes*).

Non Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *gracilis* (sic) = *Polycheria gracilipes*).

Non Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *intermedia* = *Polycheria intermedia*).

Non Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *kergueleni* = *Polycheria kergueleni*).

Non Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *macrophthalma* = *Polycheria macrophthalma*).

Non Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *similis* = *Polycheria similis*).

Non Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *temuipes* = *Polycheria temuipes*).

Non Truchot, 1974: 20. (*Polycheria antarctica* f. *cristata* = *Polycheria cristata*).

Lowry & Bullock, 1976: 37-38 (in part).

Holman & Watling, 1983b: 221-222.

Voss, 1988: 54.

Wakabara *et al.*, 1990: 2, 4, 6.

Barnard & Karaman, 1991: 272.

Gonzalez, 1991a: 53.

Klages, 1991: 49.

De Broyer *et al.*, 1999: 165.

Gutt *et al.* 2000: 76-87.

Dauby *et al.*, 2001a: 69-86. (eco).

De Broyer *et al.*, 2001: 744-753. (eco)

De Broyer & Jazdzewski, 1993: 32.

Lowry & Stoddart, 2003: 104.

Distribution: E+W+G+S+M+?(+Ba)

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 45 m (GEN 38); Cape Géodésie, surface (DBS 72a).

Falkland Islands: Berkeley Sound, 16 m; 53°41'S 61°09'W,

140-150 m (AS 31a); *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (gear: large otter trawl, large horizontal dredge, net) (KHB 32).

Iles Kerguelen: Passe Royale [Royal Sound], *Challenger 1873-76*, 50 m (TRS 88); Baie de l'Observatoire (AS 31a); Golfe du Morbihan, low tide-108 m; Ile du Chat; Ile Australia, 24 m; Bras Laboureur, 10-61 m; Ile Suhm, 90-106 m; Anse Joliette, 10-54 m; Ile Hoskyn, 120-140 m; Port Jeanne-d'Arc, 14-17 m; Pointe Molloy, low tide; Fjord Bossière, 0-25 m (BS&L 74).

Magellan area: Ultima Esperanza, 13-18 m; 52°20'S 67°39'W, 99 m (AS 31a).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay (AOW 07); *Nimrod 1907-1909*, Cape Royds, 109-146 m (KHB 30); 77°30'S 175°00'E, 540 m (TRS 75b).

South Georgia: off Grytviken, 22-30 m; Cumberland Bay, 75-310 m (AS 31a); *Discovery 1925-27*, sta. 142, Cumberland East Bay, 88-273 m (gear: large otter trawl, tow-net of coarse silk); sta. 144, off mouth of Stromness Harbour, 155-178 m (gear: nets, tow-net of coarse silk); sta. WS 27, 53°55'S 38°01'W, 107 m (gear: horizontal tow-net); sta. MS 64, off King Edward Point Light, 7-15 m (gear: small dredge) (KHB 32).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay (CC 12a); Signy Island, Borge Bay, 1-10 m, Paal Harbour, 5-15 m (MHT 70).

South Shetland Islands: 62°33'24"S 54°17'51'W, 320 m (YK *et al.* 90).

Trinity Peninsula: Hope Bay, 73-91 m (MHT 74b).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91; CDB *et al.* 99); *Polarstern ANT XIII/3 (EASIZ I)*: sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 24 AGT 06, Kapp Norvegia, 71°08.15'S 11°32.25'W, 123 m (gear: Agassiz trawl); sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge) (JG *et al.* 00); 118-611 m (CDB *et al.* 01).

Depth range: 0-611 m.

Type-locality: Ross Sea: 77°30'S 175°00'E, 540 m (TRS 75b).

? Extralimital distribution: Argentina; Australia; New Zealand; North eastern Pacific Ocean; South Africa.

Extralimital depth range:

Type specimen location: NHM, London.

Remarks: The species identifications and records anterior to Thurston (1974b) remain to be checked, as well as the extralimital distribution.

Polycheria cristata Schellenberg, 1931a

Schellenberg, 1931a: 215-216. (*Polycheria antarctica cristata*) Schellenberg, 1926a: 370, fig. 58a. (*Polycheria antarctica*, in part; part = *Polycheria kergueleni*).

Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *cristata*).

Lowry & Bullock, 1976: 37-38. (*Polycheria antarctica*, in part)

Barnard & Karaman, 1991: 272.

De Broyer & Jazdzewski, 1993: 33.

Distribution:

S

Iles Kerguelen: Passe Royale [Royal Sound]; Baie de l'Observatoire (AS 26a).

Depth range:

Type-locality: Iles Kerguelen: Passe Royale [Royal Sound]; Baie de l'Observatoire (AS 26a).

Type specimen location: NRS, Stockholm.

***Polycheria dentata* Schellenberg, 1931a**

Schellenberg, 1931a: 217.

Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *dentata*).

Lowry & Bullock, 1976: 37-38. (*Polycheria antarctica*, in part).

Holman & Watling, 1983b: 223-224, fig. 7. (*Polycheria antarctica* f. *dentata*).

Barnard & Karaman, 1991: 272.

De Broyer & Jazdzewski, 1993: 33.

Distribution:

W+G+S(+Ba)

Iles Kerguelen: mouth of of Baie de Recques [Cumberland Bay], 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a).

South Georgia: Grytviken, 30 m (bottom/habitat: gravel, algae) (AS 31a); *Islas Orcadas 575*, sta. 90, 54°50.6'S 37°23.8'W, 223-227 m; sta. 91, 55°00.6'S 37°42.6'W, 494-501 m (H&W 83).

South Shetland Islands: *Eltanin 6*, sta. 410, 61°18'-20'S 56°09'-10'W, 220-240 m; sta. 428, 62°41'-39'S 57°51'-46'W, 662-1120 m (H&W 83).

Depth range: 30-1120 m.

Type-locality: South Georgia: Grytviken, 30 m (bottom/habitat: gravel, algae); Iles Kerguelen: mouth of Baie de Recques [Cumberland Bay], 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a).

Type specimen location: NRS, Stockholm.

***Polycheria gracilipes* Schellenberg, 1931a**

Schellenberg, 1931a: 216.

Thurston, 1974a: 90, fig. 35j, k. (*Polycheria antarctica* f. *gracilipes*).

Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *gracilis*, sic).

Lowry & Bullock, 1976: 37-38. (*Polycheria antarctica*, in part).

Holman & Watling, 1983b: 224, fig. 8. (*Polycheria antarctica* f. *gracilipes*).

Barnard & Karaman, 1991: 272.

De Broyer & Jazdzewski, 1993: 33.

Distribution:

G+S

Iles Kerguelen: Baie de Recques [Cumberland Bay], 22 m (bottom/habitat: clay); mouth of Baie de Recques [Cumberland

Bay], 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a).

South Georgia: Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a); *Islas Orcadas 575*, sta. 90, 54°50.6'S 37°23.8'W, 223-227 m (H&W 83).

Depth range: 22-310 m.

Type-locality: Iles Kerguelen: Baie de Recques [Cumberland Bay], 22 m (bottom/habitat: clay); mouth of Baie de Recques [Cumberland Bay], 250-310 m (bottom/habitat: greyish clay, stones); South Georgia: Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a).

Type specimen location: NRS, Stockholm.

***Polycheria intermedia* Stephensen, 1947a**

Stephensen, 1947a: 66, fig. 21.

Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *intermedia*).

Lowry & Bullock, 1976: 37-38. (*Polycheria antarctica*, in part).

Barnard & Karaman, 1991: 272.

De Broyer & Jazdzewski, 1993: 33.

Distribution:

S

Iles Kerguelen: no loc. (KS 47a).

Depth range:

Type-locality: Iles Kerguelen: no loc. (KS 47a).

Type specimen location: ZMUC, Copenhagen.

***Polycheria kergueleni* (Stebbing, 1888)**

Stebbing, 1888: 941-945, pl. 83. (*Tritaeta kergueleni*).

Schellenberg, 1926a: 370, fig. 58b. (*Polycheria antarctica* = *Polycheria kergueleni* in part; part = *Polycheria cristata*).

Schellenberg, 1931a: 215-216.

Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *kergueleni*).

Lowry & Bullock, 1976: 37-38. (*Polycheria antarctica*, in part).

Barnard & Karaman, 1991: 272.

De Broyer & Jazdzewski, 1993: 33.

Cherel *et al.*, 2002a: 268, table 3. (eco).

Distribution:

S

Iles Kerguelen: *Challenger 1873-76*: sta. 149D, Passe Royale [Royal Sound], 49°28'S 70°13'E, 51 m (bottom/habitat: volcanic mud; gear: dredge); sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: volcanic mud; gear: dredge) (TRS 88); Baie de l'Observatoire (AS 26a); Golfe du Morbihan, low tide-108 m; Ile du Chat; Ile Australia, 24 m; Bras Laboureur, 10-61 m; Ile Suhm, 90-106 m; Anse Joliette, 10-54 m; Ile Hoskyn, 120-140 m; Port Jeanne-d'Arc, 14-17 m; Pointe Molloy, low tide; Fjord Bossière, 0-25 m (BS&L 74).

Depth range: 51-232 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*: sta.

149D, Passe Royale [Royal Sound], 49°28'S 70°13'E, 51 m (bottom/habitat: volcanic mud); sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: volcanic mud; gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Polycheria macrophthalma* Schellenberg, 1931a**

Schellenberg, 1931a: 220-221, figs. 107e, 112.

Thurston, 1974b: 18, (in key). (*Polycheria antarctica* f. *macrophthalma*).

Lowry & Bullock, 1976: 37-38. (*Polycheria antarctica*, in part).

Barnard & Karaman, 1991: 272.

De Broyer & Jazdzewski, 1993: 33.

Distribution: M

Magellan area: Ultima Esperanza, 13-18 m (bottom/habitat: clay, stones, algae) (AS 31a).

Depth range: 13-18 m.

Type-locality: Magellan area: Ultima Esperanza, 13-18 m (bottom/habitat: clay, stones, algae) (AS 31a).

Type specimen location: NRS, Stockholm.

***Polycheria nuda* Holman & Watling, 1983b**

Holman & Watling, 1983b: 224, fig. 9. (*Polycheria antarctica* f. *nuda*).

Barnard & Karaman, 1991: 272.

De Broyer & Jazdzewski, 1993: 33.

Gutt *et al.*, 2000: 73-79.

Distribution: E+W

South Shetland Islands: *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m (H&W 83).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*: sta. 26 DR 20, Kapp Norvegia, 71°29.30'S 14°18.60'W, 216 m (gear: small dredge); sta. 26 DR 21, Kapp Norvegia, 71°29.30'S 14°19.50'W, 210 m (gear: small dredge); sta. 31 DR 26, Kapp Norvegia, 70°30.90'S 10°44.20'W, 1586 m (gear: small dredge); sta. 02 MG 28, Kapp Norvegia, 71°19.10'S 12°22.80'W, 159 m (gear: multibox corer); sta. 02 MG 29, Kapp Norvegia, 71°18.60'S 12°25.40'W, 181 m (gear: multibox corer) (JG *et al.* 00).

Depth range: 159-1586 m.

Type-locality: South Shetland Islands: *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m (H&W 83).

Type specimen location: USNM, Washington.

***Polycheria similis* Schellenberg, 1931a**

Schellenberg, 1931a: 218.

Thurston, 1974b: 18 (in key). (*Polycheria antarctica* f. *similis*).

Lowry & Bullock, 1976: 37-38. (*Polycheria antarctica*, in

part).

Barnard & Karaman, 1991: 272.

De Broyer & Jazdzewski, 1993: 33.

Distribution: M

Falkland Islands: 53°41'S 61°09'W, 140-150 m (bottom/habitat: gravel, stones, shells) (AS 31a).

Magellan area: 52°20'S 67°39'W, 100 m (AS 31a).

Depth range: 100-150 m.

Type-locality: Falkland Islands: 53°41'S 61°09'W, 140-150 m (bottom/habitat: gravel, stones, shells); Magellan area: 52°20'S 67°39'W, 100 m (AS 31a).

Type specimen location: NRS, Stockholm; ZMB, Berlin.

Family DIDYMOCHELIIDAE Bellan-Santini & Ledoyer, 1987

***Didymochelia edwardi* Bellan-Santini & Ledoyer, 1987**

Bellan-Santini & Ledoyer, 1987: 367-370, figs. 4-5.

Barnard & Karaman, 1991: 276.

Branch *et al.*, 1991: 9, fig. on p.9.

De Broyer & Jazdzewski, 1993: 33.

Distribution: S(+Ba)

Prince Edward Islands: *Marion Dufresne*, sta. 36 CP 173, 46°40.7'S 38°06.7'E, 315-570 m (BS&L 86).

Depth range: 315-570 m.

Type-locality: Prince Edward Islands: *Marion Dufresne*, sta. 36 CP 173, 46°40.7'S 38°06.7'E, 315-570 m (BS&L 86).

Type specimen location: MCSN, Verona.

***Didymochelia spongicola* K.H. Barnard, 1931a**

Barnard K.H., 1931a: 429.

Barnard K.H., 1932: 248, fig. 156.

Barnard J.L., 1958e: 140.

Lowry & Bullock, 1976: 149.

Barnard & Karaman, 1991: 276.

De Broyer & Jazdzewski, 1993: 33.

Distribution: G

South Georgia: *Discovery 1925-27*, sta. 142, Cumberland East Bay, 88-273 m (gear: large otter trawl, tow-net of coarse silk) (KHB 32).

Depth range: 88-273 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 142, Cumberland East Bay, 88-273 m (gear: large otter trawl, tow-net of coarse silk) (KHB 32).

Type specimen location: NHM, London.

Family DIKWIDAE Coleman & Barnard, 1991b

***Dikwa andresi* Lörz & Coleman, 2003**

Lörz & Coleman, 2003: 785-788, figs. 1-5.

Distribution: S+M

Scotia Sea: *Polarstern ANT XIX/5 (LAMPOS)*, sta. 150-1, 54°30.22'S 56°8.2'W to 54°8.2'S 56°8.13'W, 290 m (L&C 03).

Magellan area: *Polarstern ANT XIX/5 (LAMPOS)*, sta. 145-1, 54°1.36'S 62°1.3'W to 54°1.11'S 62°1.63'W, 272 m (L&C 03).

Depth range: 272-290 m.

Type-locality: Scotia Sea: *Polarstern ANT XIX/5 (LAMPOS)*, sta. 150-1, 54°30.22'S 56°8.2'W to 54°8.2'S 56°8.13'W, 290 m (L&C 03).

Type specimen location: ZMH, Hamburg.

Family EPIMERIIDAE Boeck, 1871b

[Coleman & Barnard, 1991b: 255]

***Actinacanthus tricarinatus* (Stebbing, 1883)**

Stebbing, 1883: 205. (*Acanthozone tricarinata*).

Stebbing, 1885: 621, fig. 208. (*Acanthozone tricarinata*).

Stebbing, 1888: 884, pls. 69, 70. (*Acanthechinus tricarinatus*).

Della Valle, 1893: 601, pls. 59: fig. 11. (*Acanthozone tricarinata*).

Stebbing, 1906: 326, fig. 74-76.

Barnard J.L., 1958e: 108.

Mills, 1972a: 75, table 1.

Lowry & Bullock, 1976: 119.

Barnard & Karaman, 1991: 390.

De Broyer & Jażdżewski, 1993: 34.

Distribution: S

Heard Island: *Challenger 1873-76*, sta. 150, 52°04'S 71°22'E, 274 m (bottom: gravel; gear: dredge) (TRS 88).

Depth range: 270 m.

Type-locality: Heard Island: *Challenger 1873-76*, sta. 150, 52°04'S 71°22'E, 274 m (bottom: gravel; gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Epimeria annabellae* Coleman, 1994**

Coleman, 1994: 555-560, figs. 1-4.

Gutt *et al.*, 2000: 76-77.

Lörz & Brandt, 2004: 179-190. (phy).

Distribution: E

Weddell Sea: eastern shelf, 72°30.35'S 17°29.88'W, 240-254 m; *Polarstern ANT III*, 72°31.64'S 17°34.97'W, 242-264 m (gear: Agassiz-trawl) (COC 94); *Polarstern ANT XIII/3 (EASIZ I)*: sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 02 MG 28, Kapp Norvegia, 71°19.10'S 12°22.80'W, 159 m (gear: multibox corer); sta. 02 MG 29, Kapp Norvegia, 71°18.60'S 12°25.40'W, 181 m (gear: multibox corer); sta. 12 BT 05, South of Vestkapp, 73°18.10'S 21°10.10'W, 459 m (gear:

bottom trawl) (JG *et al.* 00).

Depth range: 159-459 m.

Type-locality: Weddell Sea: eastern shelf, 72°30.35'S 17°29.88'W, 240-254 m (COC 94).

Type specimen location: ZMB, Berlin.

***Epimeria extensa* Andres, 1985**

Andres, 1985: 125-127, figs. 7 d-f, 8, 9.

De Broyer & Klages, 1991: 163 (in key).

De Broyer & Jażdżewski, 1993: 34.

Lörz & Brandt, 2004: 179-190. (phy).

Distribution: W

Antarctic Peninsula: *Walther Herwig 1977-78*, sta. 344, 64°06'S 55°06'W, 230-260 m (bottom: 290 m; gear: RMT) (HGA 85).

Depth range: 230-260 m.

Type-locality: Antarctic Peninsula: *Walther Herwig 1977-78*, sta. 344, 64°06'S 55°06'W, 230-260 m (bottom: 290 m; gear: RMT) (HGA 85).

Type specimen location: ZMH, Hamburg.

***Epimeria georgiana* Schellenberg, 1931a**

Schellenberg, 1931a: 160.

Barnard K.H., 1932: 174, figs. 104e, 106, 107. (*Epimeria excisipes*).

Barnard J.L., 1958e: 108.

Barnard J.L., 1958e: 108. (*Epimeria excisipes*).

Barnard J.L., 1961: 103, (in key).

Barnard J.L., 1961: 103, (in key). (*Epimeria excisipes*).

McCain, 1971: 161, table 1.

Arnaud, 1974: 592. (eco). (*Epimeria excisipes*).

Lowry & Bullock, 1976: 120.

Lowry & Bullock, 1976: 119. (*Epimeria excisipes*).

Watling & Holman, 1981: 211-212, fig. 20. (new syn.).

Andres, 1985: 123.

Watling & Thurston, 1989: 305, fig. 3e.

Wakabara *et al.*, 1990: 2, 4, 6.

Barnard & Karaman, 1991: 394.

De Broyer & Klages, 1991: 163 (in key).

Klages, 1991: 50.

Jażdżewski *et al.*, 1992: 463.

De Broyer & Jażdżewski, 1993: 34.

Jażdżewski *et al.*, 1996: 369.

Gutt *et al.*, 2000: 76-77.

Olaso *et al.*, 2000: 143-158. (eco).

De Broyer *et al.*, 1999: 165.

Dauby *et al.*, 2001a: 69-86. (eco).

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2001: 744-753. (eco)

Graeve *et al.*, 2001: 853-862. (eco).

Lörz & Brandt, 2004: 179-190. (phy).

Lörz & Held, 2004: 6-14.

Distribution: +COC Bransfield Strait+Pamer Archipelago
E+W+G(+Ba)

South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay, algae); mouth of Cumberland Bay, 54°11'S 36°18'W, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a).

South Shetland Islands: King George Island, Admiralty Bay (KJ *et al.* 92); *Eltanin* 6, sta. 410, 61°18'-20'S 56°09'-10'W, 220-240 m; *Eltanin* 12, sta. 1002, 62°40'S 54°44'-45'W, 265 m; sta. 1003, 62°41'S 54°43'W, 210-220 m; *Discovery* 1925-27, sta. 42, 120-204 m (W&H 81); 62°48'S 54°20'W, 280 m (YW *et al.* 90); *Polarstern* ANT XVII/3 (*EASIZ* III), 62°49.5'S 60°49.3'W, 202 m (L&H 04).

Weddell Sea: eastern shelf (MK 91; CDB *et al.* 99); *Polarstern* ANT XIII/3 (*EASIZ* I): sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl); sta. 29 BT 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 14 BT 07, South of Vestkapp, 73°36.10'S 22°35.70'W, 850 m (gear: bottom trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00); 184-928 m (CDB *et al.* 01); (PD *et al.* 01).

Depth range: 75-928 m.

Type-locality: South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay, algae); mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a).

Type specimen location: NRS, Stockholm.

***Epimeria grandirostris* (Chevreux, 1912a)**

Chevreux, 1912a: 216. (*Pseudepimeria grandirostris*).

Chevreux, 1913c: 154, figs. 44-46. (*Pseudepimeria grandirostris*).

Nicholls, 1938: 97. (*Pseudepimeria grandirostris*).

Barnard J.L., 1958e: 109. (*Pseudepimeria grandirostris*).

Bellan-Santini, 1972a: 223. (*Pseudepimeria grandirostris*).

Lowry & Bullock, 1976: 123. (*Pseudepimeria grandirostris*).

Watling & Holman, 1980: 643 (gen.rem.).

De Broyer, 1983: 305-306, pl. 100. (*Pseudepimeria grandirostris*).

Voss, 1988: 54.

Coleman, 1990b: 151-158, pls. 1-4.

Barnard & Karaman, 1991: 394.

Klages, 1991: 50.

Ren & Huang, 1991: 264-266, fig. 50. (*Pseudepimeria grandirostris*).

De Broyer & Klages, 1991: 163 (in key).

De Broyer & Jazdzewski, 1993: 34.

De Broyer *et al.*, 1999: 165.

Gutt *et al.*, 2000: 76-77.

Olaso *et al.*, 2000: 143-158. (eco).

Lörz & Brandt, 2004: 179-190. (phy).

Distribution:

E+W(+Ba)

Adélie Coast: *Aurora* 1912-14, sta. 2, Commonwealth Bay, 518-540 m (GEN 38); Géologie Archipelago, 90 m (DBS 72a).

Davis Sea: *PABE* I, sta. D1, near Mirnyj Station, 68 m (CDB 83).

Marguerite Bay: 254 m (EC 13c).

South Shetland Islands: 62°51.6'S 61°06'W, 302 m (R&H 91); *Polarstern* ANT VI/2: sta. 12/231, 61°03.6'S 54°41.6'W, 332-358 m (gear: Agassiz trawl); sta. 12/225, 60°51.4'S 55°33.5'W, 348-357 m (COC 90).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91; CDB *et al.* 99); *Polarstern* ANT XIII/3 (*EASIZ* I): sta. 24 AGT 06, Kapp Norvegia, 71°08.15'S 11°32.25'W, 123 m (gear: Agassiz trawl); sta. 25 AGT 07, Kapp Norvegia, 71°23.10'S 14°19.80'W, 634 m (gear: Agassiz trawl) (JG *et al.* 00).

Depth range: 68-634 m.

Type-locality: Marguerite Bay: 254 m (EC 13c).

Type specimen location: MNHN, Paris.

***Epimeria heldi* Coleman, 1998a**

Coleman, 1998a: 17-25, figs. 1-5.

Lörz & Brandt, 2004: 179-190. (phy).

Distribution:

W

South Shetland Islands: *Polarstern* ANT XVI/2, sta. 31, 60°54.60'S 55°45.90'W, 235 m (COC 98).

Depth range: 235 m.

Type-locality: South Shetland Islands: *Polarstern* ANT XVI/2, sta. 31, 60°54.60'S 55°45.90'W, 235 m (COC 98).

Type specimen location: ZMB, Berlin.

***Epimeria inermis* Walker, 1903a**

Walker, 1903a: 54, pl. 10: fig. 69.

Stebbing, 1906: 728.

Walker, 1907: 23, pl. 8: fig. 13.

Barnard K.H., 1930: 374, fig. 40b.

Barnard K.H., 1932: 173, fig. 104a.

Nicholls, 1938: 95, fig. 50.

Barnard J.L., 1958e: 108.

Barnard J.L., 1961: 103, (in key).

McCain, 1971: 161, table 1.

Bellan-Santini, 1972a: 223, pl. 32.

Lowry & Bullock, 1976: 120.

Voss, 1988: 54.

Barnard & Karaman, 1991: 394.

Klages, 1991: 50.

Ren & Huang, 1991: 262, fig. 48.

De Broyer & Klages, 1991: 163 (in key).

De Broyer & Jazdzewski, 1993: 34.

Lörz & Brandt, 2004: 179-190. (phy).

Distribution:

E+W+M

Adélie Coast: *Aurora* 1912-14, sta. 7, Commonwealth Bay, 108

m (GEN 38); Géologie Archipelago, 15-45 m; Cape Géodésie, 45-80 m (DBS 72a).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (gear: large heavy dredge; bottom/habitat: mud, stones, gravel) (KHB 32).

Falkland Islands: *Terra Nova 1910*, sta. 38, West of Falkland Islands, 229 m (KHB 30).

Ross Sea: *Discovery 1901-04*, Cape Adare, 50 m; Winter Quarters Bay, 193 m (AOW 07); *Terra Nova 1910*, sta. 338, McMurdo Sound, 379 m; sta. 339, McMurdo Sound, 379 m (KHB 30).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (gear: large heavy dredge; bottom/habitat: rock) (KHB 32); 61°29.4'S 57°43'W, 462 m (R&H 91).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91).

Depth range: 15-462 m.

Type-locality: Ross Sea: Cape Adare, 50 m (AOW 03a).

Type specimen location: NHM, London.

Epimeria intermedia Schellenberg, 1931a

Schellenberg, 1931a: 161, fig. 84, pl. 1: fig. F.

Barnard K.H., 1932: 177, figs. 104c, 109.

Barnard J.L., 1958e: 108.

Barnard J.L., 1961: 103, (in key).

McCain, 1971: 161, table 1.

Lowry & Bullock, 1976: 120.

Barnard & Karaman, 1991: 394.

De Broyer & Klages, 1991: 163 (in key).

De Broyer & Jażdżewski, 1993: 34.

Distribution:

South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay, algae) (AS 31a); *Discovery 1925-27*: sta. 39, Cumberland East Bay, 179-235 m (gear: large otter trawl; bottom/habitat: grey mud); sta. 142, Cumberland East Bay, 88-273 m (gear: large otter trawl, tow-net of coarse silk; bottom/habitat: mud); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (gear: nets; bottom/habitat: green mud, stones) (KHB 32).

Depth range: 75-273 m.

Type-locality: South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay, algae) (AS 31a).

Type specimen location: NRS, Stockholm.

Epimeria macrodonta Walker, 1906b

Walker, 1906b: 16.

Walker, 1907: 24, pl. 8, fig. 14.

Chilton, 1912a: 486.

Chevreux, 1913c: 148.

Schellenberg, 1926a: 343.

Barnard K.H., 1930: 372. (*Epimeria macrodonta* f. *macrodonta*).

Barnard K.H., 1932: 172, fig. 105. (*Epimeria macrodonta* f.

macrodonta).

Nicholls, 1938: 95.

Stephensen, 1947a: 53.

Barnard J.L., 1958e: 108.

Barnard J.L., 1961: 103, (in key).

Dearborn, 1967: 45.

McCain, 1971: 161, table 1.

Bellan-Santini, 1972a: 223.

Arnaud, 1974: 592 (eco).

Lowry & Bullock, 1976: 120. (in part, part = *Epimeria similis*).

Watling & Holman, 1981: 212-213, fig. 20 (in part, part = *Epimeria similis*).

De Broyer, 1983: 301-302, (in part, part = *Epimeria similis*).

Andres, 1985: 124.

Voss, 1988: 54.

Andres, 1990: 136, fig. 270.

Wakabara *et al.*, 1990: 4, 6.

Barnard & Karaman, 1991: 394.

De Broyer & Klages, 1991: 162-163, (in key).

Klages, 1991: 50.

Jażdżewski *et al.*, 1992: 463.

De Broyer & Jażdżewski, 1993: 34.

Jażdżewski *et al.*, 1996: 370.

De Broyer *et al.*, 1999: 165.

Gutt *et al.*, 2000: 76-77.

Olaso *et al.*, 2000: 143-158. (eco).

Dauby *et al.*, 2001a: 69-86. (eco).

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2001: 744-753. (eco).

Lörz & Brandt, 2004: 179-190. (phy).

Lörz & Held, 2004: 6-14.

Distribution:

E+W(+Ba)

Adélie Coast: *Aurora 1912-14*: sta. 1, Commonwealth Bay, 640-732 m; sta. 2, Commonwealth Bay, 527-549 m; sta. 8, Commonwealth Bay, 518-720 m (GEN 38); Cape Géodésie, 115-135 m; Géologie Archipelago, 30-35 m (DBS 72a).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (gear: large heavy dredge; bottom/habitat: mud, stones, gravel) (KHB 32).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a); no loc., 216 m (GEN 38); *PABE I*, sta. D1, near Mirnyj Station, 68 m (CDB 83).

Marguerite Bay: 200 m (gear: dredge) (EC 13c).

Oates Coast: *Terra Nova 1910*, sta. 194, 329-366 m (KHB 30).

Palmer Archipelago: Neumayer Channel [Canal de Roosen], in front of Port Lockroy, 60-70 m (gear: dredge) (EC 13c); *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (gear: nets; bottom/habitat: mud); sta. 182, Schollaert Channel, 278-500 m (gear: nets; bottom/habitat: mud) (KHB 32); Port Lockroy, 30 m (KS 47a).

Ross Sea: Winter Quarters Bay, 900 m (AOW 06b); *Terra Nova 1910*, sta. 314, McMurdo Sound, 406-441 m; sta. 316, 348-457 m; sta. 331, 457 m; sta. 338, 379 m; sta. 339, 256 m; sta. 348, 366 m; sta. 355, 547 m; sta. 92 m (KHB 30), 100 m (JHD 67).

South Shetland Islands: *Discovery 1925-27*, sta. 170,

Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (large heavy dredge; bottom/habitat: rock) (KHB 32); *Walther Herwig* 1977-78, sta. 327, 63°35'S 54°36'W, 165-215 m (bottom: 225 m; gear: RMT) (HGA 85); 61°16'S 55°05'W, 60 m; 62°48'S 54°20'W, 280 m (YW *et al.* 90); *Eltanin* 6, sta. 410, 61°18'-20'S 56°09'-10'W, 220-240 m; *Eltanin* 12, sta. 1002, 62°40'S 54°44'-45'W, 265 m; sta. 1003, 62°41'S 54°43'W, 210-220 m; *Hero* 731, sta. 1946, 64°53'S 62°53'W, 264-272 m (W&H 91).

Weddell Sea: *Scotia* 1902-04, sta. 411, Coats Land, 74°1'S 22° W, 290 m (gear: trap) (CC 12a); eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91; CDB *et al.* 99); *Polarstern* ANT XIII/3 (*EASIZ* I): sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 25 AGT 07, Kapp Norvegia, 71°23.10'S 14°19.80'W, 634 m (gear: Agassiz trawl); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 12 BT 05, South of Vestkapp, 73°18.10'S 21°10.10'W, 459 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 182-1030 m (CDB *et al.* 01); *Polarstern* ANT XVII/3 (*EASIZ* III), 71°11.9'S 12°20.7'W, 316 m (L&H 04).

Depth range: 30-1030 m.

Type-locality: Ross Sea: Winter Quarters Bay, 900 m (AOW 06b).

Type specimen location: NHM, London.

Epimeria monodon Stephensen, 1947a

Stephensen, 1947a: 53, fig. 19.
Barnard J.L., 1958: 108.
Barnard J.L., 1961: 103, (in key).
McCain, 1971: 161, table 1.
Thurston, 1974a: 34.
Thurston, 1974b: 66.
Lowry & Bullock, 1976: 121.
Barnard & Karaman, 1991: 394.
De Broyer & Klages, 1991: 163 (in key).
Rauschert, 1991: 37.
De Broyer & Jazdzewski, 1993: 35.
Coleman, 1994: 560, 565-569, figs. 9-12.
Jazdzewski *et al.*, 1996: 370.
Gutt *et al.*, 2000: 76-77.
Lörz & Brandt, 2004: 179-190. (phy).

Distribution: E+W

Palmer Archipelago: Flandres Bay, 2-10 m (KS 47a); Port Lockroy, low tide; Goudier Island, low tide (MHT 74b).

South Orkney Islands: Signy Island, Borge Bay, 3-15 m; Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Weddell Sea: *Polarstern* ANT XIII/3 (*EASIZ* I), sta. 05 EBS

01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge) (JG *et al.* 00).

Depth range: 0-254 m.

Type-locality: Palmer Archipelago: Flandres Bay, 2-10 m (KS 47a).

Type specimen location: ZMUC, Copenhagen.

Epimeria oxycarinata Coleman, 1990b

Coleman, 1990b: 158-166, 175, 177-178, pls. 5-9, 17.

De Broyer & Klages, 1991: 163 (in key).

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 35.

Gutt *et al.*, 2000: 76-77.

Lörz & Brandt, 2004: 179-190. (phy).

Distribution:

E+W

South Shetland Islands: Elephant Island, *Polarstern* ANT VI/2: sta. 12/074, 61°10.1'S 55°57.9'W, 129 m; sta. 12/224, 60°52'S 55°31.8'W, 267 m (COC 90); *Polarstern* ANT XV/3 (*EASIZ* II), sta. 335, 61°59.7'-61°58.9'S 59°14.8'-59°14.4'W, 128-142 m (gear: Agassiz trawl); *Polarstern* ANT VII/4 (*EPOS* III), sta. 211, 60°59.8'S 55°12.1'W, 213 m (gear: bottom trawl) (CDB unpubl. rec.).

Weddell Sea: eastern shelf (MK 91); *Polarstern* ANT XIII/3 (*EASIZ* I), sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 129-267 m.

Type-locality: South Shetland Islands: Elephant Island, *Polarstern* ANT VI/2: sta. 12/074, 61°10.1'S 55°57.9'W, 129 m; sta. 12/224, 60°52'S 55°31.8'W, 267 m (COC 90).

Type specimen location: ZMB, Berlin.

Epimeria pulchra Coleman, 1990b

Coleman, 1990b: 166-176, 178, pls. 10-16.

De Broyer & Klages, 1991: 163 (in key).

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 34.

Gutt *et al.*, 2000: 76-77.

Lörz & Brandt, 2004: 179-190. (phy).

Distribution:

E+W

South Orkney Islands: 60°43.12'S 45°30.86'W, 141-190 m (gear: Agassiz trawl) (COC 90b).

Weddell Sea: eastern shelf (MK 91); *Polarstern* ANT XIII/3 (*EASIZ* I), sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl) (JG *et al.* 00); *Polarstern* ANT VII/4 (*EPOS* III), 71°06.1'S 12°33.5'W, 499 m (gear: bottom trawl) (CDB unpubl. rec.).

Depth range: 141-499 m.

Type-locality: South Orkney Islands: 60°43.12'S 45°30.86'W, 141-190 m (gear: Agassiz trawl) (COC 90b).

Type specimen location: ZMB, Berlin.

***Epimeria puncticulata* K.H. Barnard, 1930**

Barnard K.H., 1930: 376, fig. 42.
 Barnard K.H., 1932: 175, fig. 104d.
 Barnard J.L., 1958e: 108.
 Barnard J.L., 1961: 103, (in key).
 McCain, 1971: 161, table 1.
 Bellan-Santini, 1972a: 225-227, pls 33, 34. (*Subepimeria geodesiae*).
 Lowry & Bullock, 1976: 121 (syn).
 Lowry & Bullock, 1976: 123. (*Subepimeria geodesiae*).
 Karaman & Barnard, 1979: 109. (*Subepimeria geodesiae*, gen. rem.).
 Watling & Holman, 1981: 213-214, fig. 21.
 Voss, 1988: 54.
 Barnard & Karaman, 1991: 393-394.
 De Broyer & Klages, 1991: 163 (in key).
 Klages, 1991: 50.
 De Broyer & Jażdżewski, 1993: 35.
 Coleman, 1994: 569-574, figs. 13-16.
 Lörz & Brandt, 2004: 179-190. (phy).

Distribution: **E+W+G(+Ba)**

Adelie Coast: Cape Géodésie, 66°39'S 139°55'E, 115-135 m (bottom/habitat: coarse sand and gravel, with numerous hydrozoans, bryozoans and sponges; gear: dredge) (DBS 72a).

Ross Sea: *Terra Nova 1910*, sta. 318, McMurdo Sound, 175 m; sta. 356, 92 m (KHB 30); *Eltanin 32*, sta. 1995, 72°04'S 172°38'E, 360-342 m (W&H 81).

South Georgia: *Discovery 1925-27*: sta. 45, off 'Jason' Light, 238-270 m (gear: nets, tow-net of coarse silk; bottom/habitat: grey mud); sta. 123, off mouth of Cumberland Bay, 230-250 m (gear: nets, large otter trawl; bottom/habitat: grey mud); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (gear: nets; bottom/habitat: green mud, sand); sta. 148, off Cape Saunders, 132-148 m (gear: nets; bottom/habitat: grey mud, stones); sta. MS 71, Cumberland East Bay, 60-110 m (gear: small beam trawl, tow-net of coarse silk); sta. WS 33, 54°59'S 35°24'W, 130 m (gear: tow-net; bottom/habitat: 135 m, grey mud, stones) (KHB 32); *Discovery 1936*, no loc. 1581-1590 m (W&H 91).

South Shetland Islands: *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m (W&H 81).

Weddell Sea: eastern and southern shelf, no loc. (JV 88), eastern shelf (MK 91).

Depth range: 60-1590 m.

Type-locality: Ross Sea: *Terra Nova 1910*, sta. 318, McMurdo Sound, 175 m; sta. 356, 92 m (KHB 30).

Type specimen location: NHM, London.

***Epimeria reoproii* Lörz & Coleman, 2001**

Lörz & Coleman, 2001: 991-1001, figs. 1-5.
 Lörz & Brandt, 2004: 179-190. (phy).
 Lörz & Held, 2004: 6-14.

Distribution: **W**

Bransfield Strait: *Polarstern ANT XVII/3 (EASIZ III)*, sta. 171-

3, 63°00.10'S 60°31.00'W, 48 m. (gear: dredge) (L&C 01).

Depth range: 48 m.

Type-locality: Bransfield Strait: *Polarstern ANT XVII/3 (EASIZ III)*, sta. 171-3, 63°00.10'S 60°31.00'W, 48 m. (gear: dredge) (L&C 01).

Type specimen location: ZMH, Hamburg.

***Epimeria rimicarinata* Watling & Holman, 1980**

Watling & Holman, 1980: 643-646, figs. 22-23.

Barnard & Karaman, 1991: 394.

De Broyer & Klages, 1991: 163 (in key).

De Broyer & Jażdżewski, 1993: 35.

Lörz & Brandt, 2004: 179-190. (phy).

Distribution: **E**

Ross Sea: *Eltanin 27*, sta. 1857, 72°32'S 171°26-28'E, 337-329 m; *Eltanin 32*, sta. 2080, 75°50-52'S 173°08'W, 468-474 m (W&H 80).

Depth range: 337-474 m.

Type-locality: Ross Sea: *Eltanin 27*, sta. 1857, 72°32'S 171°26-28'E, 337-329 m; *Eltanin 32*, sta. 2080, 75°50-52'S 173°08'W, 468-474 m (W&H 80).

Type specimen location: USNM, Washington.

***Epimeria robusta* K.H. Barnard, 1930**

Barnard K.H., 1930: 375, 449, figs. 40a, 41.

Barnard J.L., 1958e: 108.

Barnard J.L., 1961: 103, (in key).

McCain, 1971: 161, table 1.

Lowry & Bullock, 1976: 121.

Klages & Gutt, 1990b: 74-76; figs. 1a, 4a-d. (eco).

Barnard & Karaman, 1991: 394.

De Broyer & Klages, 1991: 163 (in key).

Klages, 1991: 50.

De Broyer & Jażdżewski, 1993: 35.

Coleman, 1994: 560-564, figs. 5-8.

De Broyer *et al.*, 1999: 165.

Gutt *et al.*, 2000: 76-77.

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2001: 744-753. (eco).

Lörz & Brandt, 2004: 179-190. (phy).

Lörz & Held, 2004: 6-14.

Distribution: **E+W(+Ba)**

Ross Sea: *Terra Nova 1910*: sta. 220, Cape Adare, 82-92 m; sta. 314, McMurdo Sound, 406-441 m; sta. 316, 348-457 m; sta. 331, 457 m; sta. 338, 379 m; sta. 348, 366 m; sta. 349, 146 m; sta. 355 m; sta. 356, 92 m (KHB 30); *Nimrod 1907-1909*, Cape Royds, 110-146 m (KHB 30).

South Shetland Islands: close to Elephant Island, 61°19.7'S 56°33.5'W, 404 m (gear: fishery bottom trawl) (COC 94)

Weddell Sea: eastern shelf, 180-2000 m (K&G 90; MK 91); *Polarstern ANT III*, 72°35.67'S 18°08.17'W, 604-656 m (gear: Agassiz-trawl) (COC 94); eastern shelf (CDB *et*

al. 99); *Polarstern ANT XIII/3 (EASIZ I)*: sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 233-793 m (CDB *et al.* 01); *Polarstern ANT XVII/3 (EASIZ III)*, 71°11.9'S 12°21.7'W, 323 m (L&H 04).

Depth range: 82-2000 m.

Type-locality: Ross Sea: *Terra Nova 1910*, sta. 338, McMurdo Sound, 379 m (KHB 30).

Type specimen location: NHM, London.

Epimeria rubriques De Broyer & Klages, 1991

De Broyer & Klages, 1991: 159-166, figs. 1-5.

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 35.

De Broyer *et al.*, 1999: 165.

Gutt *et al.*, 2000: 76-77.

Dauby *et al.*, 2001a: 69-86. (eco).

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2001: 744-753. (eco).

Lörz & Brandt, 2004: 179-190. (phy).

Lörz & Held, 2004: 6-14.

Distribution:

E(+Ba)

Weddell Sea: eastern and southern shelf: *Polarstern ANT III/3*: sta. 273, 72°35'S 18°07'W, 673 m (gear: Agassiz trawl); sta. 247, 73°09'S 20°32'W, 695 m (gear: bottom trawl); sta. 248, 73°10'S 20°27'W, 409 m (gear: bottom trawl); sta. 330, 72°26'S 17°38'W, 660 m (gear: Agassiz trawl); sta. 335, 72°28'S 17°35'W, 441 m (gear: Agassiz trawl); *Polarstern ANT V/3*: sta. 536, 72°50.4'S 19°36.8'W, 595 m (gear: bottom trawl); sta. 537, 73°05.6'S 20°14.4'W, 420 m (gear: bottom trawl); sta. 566, 73°16.5'S 21°04.5'W, 573 m (gear: Agassiz trawl); sta. 575, 72°49.6'S 19°26.7'W, 670 m (gear: RMT); sta. 580, 72°51.4'S 19°41.4'W, 710 m (gear: bottom trawl); *Polarstern ANT VI/3*: sta. 305, 71°07'S 13°01'W, 706 m (gear: Agassiz trawl); sta. 350, 74°24'S 37°1'W, 815 m (gear: large box corer); *Polarstern ANT VII/4 (EPOS III)*: sta. 248, 74°39.9'S 29°31.3'W, 602 m (gear: bottom trawl); sta. 289, 71°12'S 13°27.9'W, 672 m (gear: Agassiz trawl); sta. 293, 71°05.6'S 12°46.6'W, 774 m (gear: RMT) (DB&K 91); eastern shelf (MK 91); sta. 271, 73°17'S 20°59.4'W, 399 m (gear: Agassiz trawl); sta. 290, 71°05.9'S 12°34'W, 522 m (gear: Agassiz trawl); sta. 291, 71°06.1'S 12°33.5'W, 499 m (gear: bottom trawl) (CDB unpubl. rec.); eastern shelf (CDB *et al.* 00); *Polarstern ANT XIII/3 (EASIZ I)*: sta. 25 AGT 07, Kapp Norvegia, 71°23.10'S 14°19.80'W, 634 m (gear: Agassiz trawl); sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sled); sta. 25 DR 19, Kapp Norvegia, 71°22.90'S 14°19.20'W, 622 m (gear: small dredge); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 352-1030 m (CDB *et al.* 01), *Polarstern ANT XVII/3 (EASIZ III)*, 71°16.67'S 13°45.79'W,

648 m (L&H 04).

Depth range: 254-1030 m.

Type-locality: Weddell Sea: *Polarstern ANT III/3*, sta. 273, 72°35'S 18°07'W, 673 m; *Polarstern ANT VI/3*, sta. 305, 71°07'S 13°01'W, 706 m (DB&K 91).

Type specimen location: IRScNB, Brussels.

Epimeria similis Chevreux, 1912a

Chevreux, 1912a: 215.

Chevreux, 1913c: 149, fig. 41.

Schellenberg, 1926a: 343.

Barnard K.H., 1930: 373. (*Epimeria macrodonta* f. *similis*).

Barnard K.H., 1932: 172. (*Epimeria macrodonta* f. *similis*, in part).

Castellanos, 1973: 18, 19. (*Epimeria similis*).

Arnaud, 1974: 592 (eco). (*Epimeria similis*).

Lowry & Bullock, 1976: 120. (*Epimeria macrodonta*, in part).

Watling & Holman, 1981: 212-213. (*Epimeria macrodonta*, in part).

De Broyer, 1983. (*Epimeria macrodonta*, in part).

Andres, 1985: 124-125.

Voss, 1988: 54.

Barnard & Karaman, 1991: 394.

De Broyer & Klages, 1991: 162-163, (in key).

Klages, 1991: 50.

Ren & Huang, 1991: 262-263, fig. 49. (*Epimeria macrodonta*).

De Broyer & Jazdzewski, 1993: 35.

De Broyer *et al.*, 1999: 165.

Gutt *et al.*, 2000: 77-79.

Dauby *et al.*, 2001a: 69-86. (eco).

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2001: 744-753. (eco).

Nyssen *et al.*, 2002: 280-287. (eco).

Lörz & Brandt, 2004: 179-190. (phy).

Lörz & Held, 2004: 6-14.

De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution:

E+W(+Ba)

Danco Coast: Paradise Harbour, Leith Cove, 30-70 m (ZJC 73).

Palmer Archipelago: *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (bottom/habitat: mud; gear: nets); sta. 182, Schollaert Channel, 278-500 m (bottom/habitat: mud; gear: nets); (KHB 32).

South Shetland Islands: King George Island, in the middle of Admiralty Bay, 420 m (EC 13c); *Discovery 1925-27*, sta. 170, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32); *Walther Herwig 1977-78*, sta. 327, 63°35'S 54°36'W, 165-215 m (bottom: 225 m; gear: RMT) (HGA 85); 62°51.6'S 61°06'W, 302 m; 63°22.5'S 60°34.3'W, 478 m (R&H 90).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91; CDB *et al.* 99); *Polarstern ANT XIII/3 (EASIZ I)*: sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl); sta. 29 BT 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear:

benthopelagic trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 06 AGT 09, Kapp Norvegia, 71°32.10'S 13°44.10'W, 362 m (gear: Agassiz trawl); sta. 09 AGT 10, Kapp Norvegia, 71°34.70'S 12°26.60'W, 560 m (gear: Agassiz trawl); sta. 12 BT 05, South of Vestkapp, 73°18.10'S 21°10.10'W, 459 m (gear: bottom trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl); sta. 16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 242-1030 m (CDB *et al.* 01), (FN *et al.* 02); *Polarstern ANT XV/3 (EASIZ II)*: sta. 251/267, Drescher Inlet, 72°47.8'S 19°31.4'W, 895 m (gear: baited trap); sta. 280/284, Atka Bay, 70°27.4'S 17°55.9'W, 550 m (gear: baited trap); sta. 152, Halley Bay, 74°36.8'S 26°35.9'W, 597 m (gear: baited trap) (CDB *et al.* 04); *Polarstern ANT XVII/3 (EASIZ III)*, 71°16.67'S 13°45.79'W, 648 m (L&H 04).

Depth range: 160-895 m.

Type-locality: South Shetland Islands: King George Island, in the middle of Admiralty Bay, 420 m (EC 13c).

Type specimen location: MNHN, Paris.

Epimeria vaderi Coleman 1998b

Coleman, 1998b: 215-224, figs. 1-6.

Lörz & Brandt, 2004: 179-190. (phy).

Distribution:

W

Antarctic Peninsula: *Polarstern ANT VI/2*, sta. 231, 61°03.8'S 54°37.6'W, 332 m (gear: commercial fishery trawl) (COC 98b).

Depth range: 332 m.

Type-locality: Antarctic Peninsula: *Polarstern ANT VI/2*, sta. 231, 61°03.8'S 54°37.6'W, 332 m (gear: commercial fishery trawl) (COC 98b).

Type specimen location: ZMB, Berlin.

Epimeria sp. Andres, 1985

Andres, 1985: 127, figs. 10, 11a.

De Broyer & Jażdżewski, 1993: 35.

Distribution:

W

South Shetland Islands: *Walther Herwig 1977-78*, sta. 384, 61°15'S 54°16'W, 0-145 m (bottom: 180 m; gear: RMT) (HGA 85).

Depth range: 0-145 m.

Epimeriella macronyx Walker, 1906b

Walker, 1906b: 17.

Walker, 1907: 26, pl. 9: fig. 15.

Schellenberg, 1926a: 344.

Barnard K.H., 1930: 378.

Barnard K.H., 1932: 178, pl. 1: fig. 3.

Ruffo, 1949: 32, fig. 5.

Barnard J.L., 1958e: 108.

Dearborn, 1967: 45. (eco).

Emison, 1968: 202, fig. 12, tables 10-12. (eco).

Lowry & Bullock, 1976: 121-122.

Andres, 1985: 129-130, figs. 11 h-l, 12 a-e.

Hopkins, 1985b: 197-212. (eco).

Foster *et al.*, 1987: 49-53. (eco).

Piatkowski, 1989a: 1-10. (eco).

Andres, 1990: 136, fig. 271.

Boysen-Ennen *et al.*, 1991: 227-235. (eco).

Barnard & Karaman, 1991: 394.

Klages, 1991: 50.

De Broyer & Jażdżewski, 1993: 36.

Lörz & Brandt, 2004: 179-190. (phy).

Distribution:

E+W(+Ba)(+P)

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Palmer Archipelago: *Hero*, Croker Passage, 64°05'S 62°50'W, 0-1000 m (gear: Tucker midwater trawl) (TLH 85b).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, 9-18 m (AOW 07); *Terra Nova 1910*, sta. 326, McMurdo Sound, 4-40 m; sta. 342, 0-350 m (KHB 30), 100 m (JHD 67); McMurdo Sound (bottom/habitat: in stomach contents of *Pagothenia borghrevinki*) (BAF *et al.* 87); Cape Crozier; Beaufort Island; Franklin Island (WBE 68).

South Orkney Islands: *Discovery 1925-27*, sta. 162, off Signy Island, 320 m (gear: large heavy dredge; bottom/habitat: green mud) (KHB 32).

South Shetland Islands: *Walther Herwig 1977-78*, 18 sta., 0-1200 m (bottom: 225-1940 m; gear: RMT) (HGA 85).

Weddell Sea: *Polarstern ANT I*, along the shelf-ice edge from Atka Bay to Gould Bay and along the marginal pack ice zone ranging from Kapp Norvegia to the northwestern part of the Weddell Sea, 0-300 m (gear: RMT) (UP 89a; BE *et al.* 91); eastern shelf (MK 91).

Depth range: 0-1200 m.

Type-locality: Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, 9-18 m (AOW 07).

Type specimen location: NHM, London.

Epimeriella scabrosa K.H. Barnard, 1930

Barnard K.H., 1930: 378, fig. 43.

Barnard J.L., 1958e: 108.

Lowry & Bullock, 1976: 122.

Voss, 1988: 54.

Barnard & Karaman, 1991: 394.

Klages, 1991: 51.

De Broyer & Jażdżewski, 1993: 36.

Distribution:

E

Oates Coast: *Terra Nova 1910*, sta. 194, 329-366 m (KHB 30).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91).

Depth range: 329-366 m.

Type-locality: Oates Coast: *Terra Nova 1910*, sta. 194, 329-366 m (KHB 30).

Type specimen location: NHM, London.

Epimeriella truncata Andres, 1985

Andres, 1985: 130-132, figs. 12 i-o, 13, 14, 15 a-d.

Barnard & Karaman, 1991: 394.

De Broyer & Jazdzewski, 1993: 36.

Gutt *et al.*, 2000: 76-77.

Distribution: **E+W(+Ba)**

Palmer Archipelago: *Walther Herwig 1977-78*, sta. 434, 64°00'S 64°30'W, 100-382 m (bottom: 385 m; gear: RMT 1) (HGA 85).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*: sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 25 DR 19, Kapp Norvegia, 71°22.90'S 14°19.20'W, 622 m (gear: small dredge); sta. 29 BT 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00).

Depth range: 100-622 m.

Type-locality: Palmer Archipelago: *Walther Herwig 1977-78*, sta. 434, 64°00'S 64°30'W, 100-382 m (bottom: 385 m; gear: RMT 1) (HGA 85).

Type specimen location: ZMH, Hamburg.

Epimeriella walkeri K.H. Barnard, 1930

Barnard K.H., 1930: 380, figs. 40c, 44.

Barnard K.H., 1932: 178, fig. 110.

Nicholls, 1938: 96.

Barnard J.L., 1958e: 108.

McCain, 1971: 160, fig. 1.

Lowry & Bullock, 1976: 122.

Andres, 1985: 130, fig. 12 f-h.

Voss, 1988: 54.

Barnard & Karaman, 1991: 394.

Klages, 1991: 51.

De Broyer & Jazdzewski, 1993: 36.

Gutt *et al.*, 2000: 76-77.

Dauby *et al.*, 2001a: 69-86. (eco).

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2001: 744-753. (eco).

Lörz & Brandt, 2004: 179-190. (phy).

Distribution: **E+W(+Ba)**

Davis Sea: *Aurora 1912-14*, sta. 8, no loc., 216 m (GEN 38).

Palmer Archipelago: *Discovery 1925-27*, sta. 182, Schollaert Channel, 278-500 m (gear: nets; bottom/habitat: mud) (KHB 32).

Ross Sea: *Terra Nova 1910*, sta. 338, McMurdo Sound, 379 m; sta. 339, 256 m; sta. 348, 336 m (KHB 30).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, Cape Bowles, 61°25'S 53°46'W, 342 m (gear: large heavy dredge; bottom/habitat: rock) (KHB 32); *Walther Herwig 1977-78*, sta. 327, 63°35'S 54°36'W, 165-215 m (bottom: 225 m; gear: RMT); sta. 376, 61°29'S 56°03'W, 145-323 m (bottom: 325 m; gear: RMT); sta. 400, 63°28'S 54°29'W, 140-202 m (bottom: 205 m; gear: RMT) (HGA 85).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*: sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl); sta. 29 BT 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 184-928 m (CDB *et al.* 01).

Depth range: 184-928 m.

Type-locality: Ross Sea: *Terra Nova 1910*, sta. 338, McMurdo Sound, 379 m (KHB 30).

Type specimen location: NHM, London.

Metepimeria acanthurus Schellenberg, 1931a

Schellenberg, 1931a: 162, fig. 85, pl. 1: fig. G. (*Metepimeria acanthurus*).

Barnard K.H., 1932: 176, fig. 104B, 108, pl. 1: fig. 2. (*Epimeria acanthurus*).

Barnard J.L., 1958e: 108. (*Metepimeria acanthurus*).

Lowry & Bullock, 1976: 122.

Watling & Holman, 1981: 216-217, fig. 22.

Barnard & Karaman, 1991: 397.

Gonzalez, 1991a: 60.

De Broyer & Jazdzewski, 1993: 36.

Lörz & Brandt, 2004: 179-190. (phy).

Distribution: **M**

Falkland Islands: *Discovery 1925-27*: sta. WS 81, West Falkland Island, off North Island, 81-82 m (bottom/habitat: sand; gear: nets); sta. WS 85, East Falkland Island, off Lively Island, 79 m (bottom/habitat: sand, shells; gear: commercial otter trawl); sta. WS 86, 53°53'S 60°34'W, 151-147 m (bottom/habitat: sand, shells, stones; gear: commercial otter trawl) (KHB 32).

Magellan area: Puerto Condor, 90 m (bottom/habitat: rocks, ascidians); Bahia Harris, 27 m (bottom/habitat: shells) (AS 31a); *Eltanin 9*, sta. 740, 56°06'-07'S 66°19'30'W, 384-494 m; *Hero 715*, sta. 894, 54°54.8'-55°S 64°18'-20'W, 263-285 m (W&H 81).

Depth range: 27-494 m.

Type-locality: Magellan area: Puerto Condor, 90 m (bottom/habitat: rocks, ascidians); Bahia Harris, 27 m (bottom/habitat: shells) (AS 31a).

Type specimen location: NRS, Stockholm.

***Ushakoviella echinophora* Gurjanova, 1955b**

Gurjanova, 1955b: 200, figs. 14-15.
 Shoemaker, 1964: 417-420, fig. 12.
 Watling & Holman, 1981: 217-219, fig. 23.
 Barnard & Karaman, 1991: 401.
 De Broyer & Jazdzewski, 1993: 36.

Distribution: W(+Ab)

South Orkney Islands: *Islas Orcadas 19*, sta. 14, 59°48'S 45°06'W, depth unknown (W&H 81).

Depth range:

Type-locality: Kurile Islands: Iturup Island, 291-2550 m (EG 55b).

Extralimital distribution: Bering Sea: Aleutian Islands, vicinity of Otter Island (CRS 64); Boreal North Pacific (W&H 81); Kurile Islands: Iturup Island, 291-2550 m; Okhotsk Sea (EG 55b).

Extralimital depth range: 54-2550 m.

Type material location: ZIN, St Petersburg?

Remarks: Bipolar record doubtful: status of South Orkney Islands material remains to be checked.

Superfamily EUSIROIDEA Bousfield, 1979

[Bousfield, 1982b, emended; Bousfield & Hendrycks 1997]

Family CALLIOPIIDAE G.O. Sars, 1893

[Bousfield & Hendrycks 1997; generic composition according to Lowry, unpubl.]

***Calliopiurus excellens* Bushueva, 1986**

Bushueva, 1986: 1296-1298, fig. 1.
 Barnard & Karaman, 1991: 312-313.
 De Broyer & Jazdzewski, 1993: 37.
 Bousfield & Hendrycks, 1997: 5. (fam. status uncertain).

Distribution: E

Davis Sea: Fulmar Island, Mirnyj, 50 m (bottom/habitat: rocks) (TVB 86).

Depth range: 50 m.

Type-locality: Davis Sea: Fulmar Island, Mirnyj, 50 m (bottom/habitat: rocks) (TVB 86).

Type specimen location: ZIN, St Petersburg.

Remarks: Family allocation doubtful.

***Haliragoides australis* Chilton, 1912a**

Chilton, 1912a: 489.
 Barnard J.L., 1958e: 33.
 Lowry & Bullock, 1976: 52.
 Barnard & Karman, 1991: 323. (?*Haliragoides australis*).
 De Broyer & Jazdzewski, 1993: 39.

Distribution: W

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island,

Scotia Bay, 16-18 m (CC 12a).

Depth range: 16-18 m.

Type-locality: South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, 16-18 m (CC 12a).

Type specimen location: RSM, Edinburgh.

***Harpinioides drepanocheir* Stebbing, 1888**

Stebbing, 1888: 937, pl. 82.
 Della Valle, 1893: 677, pl. 59: fig. 87. (*Acanthonotosoma drepanocheir*).
 Stebbing, 1906: 298.
 Non Stebbing, 1910a: 592, 639. (= undescribed sp. fide Lowry & Stoddart, 2003).
 ? Pirlot, 1934: 189.
 Barnard J.L., 1958e: 33.
 Mills, 1972a: 74, table 1. (*Harpinioides drepanocheir*).
 Arnaud, 1974: 553, , table 17. (eco).
 Bellan-Santini & Ledoyer, 1974: 646, pl. 2.
 Lowry & Bullock, 1976: 52.
 Bellan-Santini & Ledoyer, 1987: 378.
 Barnard & Karaman, 1991: 324.
 Branch *et al.*, 1991: 21, fig. on p.21.
 ? Klages, 1991: 49.
 De Broyer & Jazdzewski, 1993: 39.
 Bousfield & Hendrycks, 1994a: 42-43, figs. 3O, 3R, 6N.
 Lowry & Stoddart, 2003: 113.

Distribution: ?E+S+?

Prince Edward Islands: *Marion Dufresne 08*: sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 34 BB 168, 46°50.2'S 37°51.2'E, 110 m (bottom/habitat: compact mud) (BS&L 87).

Iles Kerguelen: *Challenger 1873-76*, sta. 149H, Baie de Recques [Cumberland Bay], 232 m (bottom: mud; gear: dredge) (TRS 88); Golfe du Morbihan, Chaussée de Beniguet, 35 m (BS&L 74).

? **Weddell Sea:** eastern shelf (MK 91).

Depth range: 35-232 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149H, Baie de Recques [Cumberland Bay], 232 m (bottom: mud; gear: dredge) (TRS 88).

Extralimital distribution: not Australia (fide L&S 03); ? Indonesia.

Extralimital depth range:

Type specimen location: NHM, London.

***Harpinioides fissicauda* Schellenberg, 1926a**

Schellenberg, 1926a: 357, fig. 53. (*Harpinioidella fissicauda*).
 Barnard J.L., 1958e: 123. (*Harpinioidella fissicauda*).
 Barnard J.L., 1962d: 66, fig. 62, table 10. (*Harpinioidella fissicauda*).
 Lowry & Bullock, 1976: 52. (*Harpinioidella fissicauda*).
 Barnard & Karaman, 1991: 324.
 De Broyer & Jazdzewski, 1993: 40.

Distribution: E+(P?)

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Depth range: 385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Extralimital distribution: Cape Basin, *Vema* 53, 36°34'S 14°08'E (gear: small benthic trawl) (JLB 62d).

Extralimital depth range: 4893 m.

Type specimen location: ZMB, Berlin.

***Lopyastis multisetosa* (Schellenberg, 1926a)**

Schellenberg, 1926a: 351, fig. 51. (*Atylopsis multisetosa*).

Barnard J.L., 1958e: 32. (*Atylopsis multisetosa*).

Thurston, 1974a: 54, (in key). (*Atylopsis multisetosa*).

Thurston, 1974b: 32, 40, (in key).

Lowry & Bullock, 1976: 53.

Rauschert, 1989: 134-135, fig. 4.

Barnard & Karaman, 1991: 326.

De Broyer & Jazdzewski, 1993: 40.

Distribution: E+(P)

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m; 0-350 m (gear: plankton net, vertical haul); 65°31'S 85°20'E, 0-150 m (gear: plankton net, vertical haul) (AS 26a).

Depth range: 0-385 m.

Type-locality: 'Gauss Station', 66°02'S 89°38'E, 385 m; 0-350 m (gear: plankton net?, vertical haul); *Gauss*, 65°31'S 85°20'E, 0-150 m (gear: plankton net, vertical haul) (AS 26a).

Type specimen location: ZMB, Berlin.

***Lopyastis signiensis* (Thurston, 1974a)**

Thurston, 1974a: 54, figs. 21h-q, 22a-n, (in key). (*Atylopsis signiensis*).

Thurston, 1974b: 32, 40, (in key).

Lowry & Bullock, 1976: 53.

Barnard & Karaman, 1991: 326.

De Broyer & Jazdzewski, 1993: 40.

Distribution: W

South Orkney Islands: Signy Island, Borge Bay, 5-6 m (MHT 74a).

Depth range: 5-6 m.

Type-locality: South Orkney Islands: Signy Island, Borge Bay, 5-6 m (MHT 74a).

Type specimen location: NHM, London.

***Metaleptamphopus pectinatus* Chevreux, 1912a**

Chevreux, 1912a: 215.

Chevreux, 1913c: 144, figs. 37-40.

Schellenberg, 1931a: 178.

Barnard J.L., 1958e: 34.

Arnaud, 1974: 565 (eco).

Thurston, 1974a: 56, fig. 10 l.

Thurston, 1974b: 32.

Lowry & Bullock, 1976: 53.

Barnard & Karaman, 1991: 328.

Rauschert, 1991: 20-37.

De Broyer & Jazdzewski, 1993: 40.

Distribution: W+G

South Georgia: Cumberland Bay, 1-2 m (bottom/habitat: algae) (AS 31a).

South Orkney Islands: Signy Island, Borge Bay, 3-20 m, Paal Harbour, 5-15 m; Laurie Island, Scotia Bay (MHT 74a).

South Shetland Islands: King George Island, Maxwell Bay; Fildes Strait, 17 stations 1-70 m (MR 91).

Wilhelm Archipelago: Petermann Island, Port Circumcision, 6 m (EC 13c).

Depth range: 1-20 m.

Type-locality: Wilhelm Archipelago: Petermann Island, Port Circumcision, 6 m (EC 13c).

Type specimen location: MNHN, Paris.

***Oradarea acuminata* Thurston, 1974a**

Thurston, 1974a: 47, figs. 11h, u, 12h, 13h, 18a-n, 19a-j.

Walker, 1907: 32. (*Oradarea longimana*, in part; part = *Oradarea rossi*, *Oradarea tricarinata*, *Oradarea walkeri*).

Barnard K.H., 1930: 369. (*Leptamphopus novaezealandiae*, in part).

Lowry & Bullock, 1976: 53.

Barnard & Karaman, 1991: 330.

De Broyer & Jazdzewski, 1993: 40.

Distribution: E

Oates Coast: *Terra Nova 1910*, sta. 194, 329-366 m (MHT 74a).

Ross Sea: McMurdo Sound, 64-183 m, Hut Point; Coulman Island, 64-183 m (MHT 74a).

Depth range: 180-366 m.

Type-locality: Ross Sea: McMurdo Sound, 64-183 m, Hut Point; Coulman Island, 80 m (MHT 74a).

Type specimen location: NHM, London.

***Oradarea bidentata* K.H. Barnard, 1932**

Barnard K.H., 1932: 165, figs. 96b, 98.

Chilton, 1912a: 488. (*Leptamphopus novae-zealandiae*, in part).

Chevreux, 1913c: 143. (*Leptamphopus novae-zealandiae*, in part).

Stephensen, 1938c: 238.

Stephensen, 1947a: 52, (in part).

Barnard J.L., 1958e: 109.

Thurston, 1974a: 37, fig. 11f,s, 12f, 13f.

Thurston, 1974b: 33.

Lowry & Bullock, 1976: 53-54.

Jażdżewski, 1981: 135. (eco).
 Arnaud *et al.*, 1986: 16, tab. I.
 Barnard & Karaman, 1991: 330.
 Rauschert, 1991: 20-37.
 Jażdżewski *et al.*, 1992: 464.
 De Broyer & Jażdżewski, 1993: 40.
 Jażdżewski *et al.*, 1996: 370.

Distribution:**W+G**

Palmer Archipelago: Flandres Bay, 2-10 m; Port Lockroy, 20-120 m (KS 47a), Lecuyer Point, Peltier Channel, low tide-18 m (MHT 74b).

South Georgia: *Discovery 1925-27*: sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl); sta. MS 71, Cumberland East Bay, 110-60 m (gear: net, small beam trawl); sta. MS 74, Cumberland East Bay, 22-40 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32); Coal Harbour, 12 m; Cumberland West Bay, Jason Harbour, 20 m; Godthul Bay, 16 m (KS 47a).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay (CC 12a), Laurie Island; Signy Island, Borge Bay, 3-20 m, Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: Deception Island, 75 m (KS 47a); King George Island, Admiralty Bay, Arctowski Station (penguin stomach) (KJ 81), King George Island, Admiralty Bay (KJ *et al.* 92).

Wilhelm Archipelago: Petermann Island, Port Circumcision, 5-6 m; Lemaire Channel, 40-60 m (EC 13c).

Depth range: 0-120 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl) (KHB 32).

Type specimen location: NHM, London.

***Oradarea crenelata* Alonso de Pina, 1995**

Alonso de Pina, 1995: 251-255, figs.1-32

Distribution:**W**

South Shetland Islands: King George Island, Potter Cove, 61°14'S 58°40'W, 10 m (GMA 95).

Depth range: 10 m.

Type-locality: South Shetland Islands: King George Island, Potter Cove, 61°14'S 58°40'W, 10 m (GMA 95).

Type specimen location: MACN, Buenos Aires.

***Oradarea edentata* K.H. Barnard, 1932**

Barnard K.H., 1932: 167, figs. 96d, 101.
 Shoemaker, 1945d: 290. (*Leptamphopus novae-zealandiae*).
 Stephensen, 1947a: 52. (*Oradarea ?walkerii*, in part).
 ? Stephensen, 1947a: 53. (*Oradarea ?edentata*).
 Barnard J.L., 1958e: 109.
 Bellan-Santini & Ledoyer, 1974: 646, pl. 38.
 Thurston, 1974a: 46, figs. 11b, 11o, 12b, 13b.
 Thurston, 1974b: 33.
 Lowry & Bullock, 1976: 54.

Barnard & Karaman, 1991: 330.

? Branch *et al.*, 1991: 20, 40, fig. on p.20. (*Oradarea ?edentata*).

Jażdżewski *et al.*, 1991: 110.

Rauschert, 1991: 20-37.

Jażdżewski *et al.*, 1992: 464, 469.

De Broyer & Jażdżewski, 1993: 40.

Jażdżewski *et al.*, 1996: 370.

De Broyer *et al.*, 1999: 165.

Graeve *et al.*, 2001: 853-862. (eco).

Distribution:**E+W+G+S**

Iles Crozet: Ile de l'Est, Anse de l'Aventure (BS&L 74).

Prince Edward Islands: no loc., 10-52 m (MLB *et al.* 91).

Palmer Archipelago: Melchior Harbour (CRS 45d); Port Lockroy; Goudier Island, low tide; Peltier Channel, 18 m (MHT 74b).

South Georgia: 'Hystadhullet' (KS 47a).

South Orkney Islands: Signy Island, Borge Bay, 6-14 m (MHT 74a).

South Shetland Islands: Deception Island, 75 m (KS 47a), *Discovery 1925-27*, sta. 173, Port Foster, 5-60 m (gear: tow-net of coarse silk) (KHB 32); King George Island, Maxwell Bay, 8 stations, 1-30 m (MR 91); Admiralty Bay, 10-30 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 92).

Weddell Sea: eastern shelf (CDB *et al.* 99).

Depth range: 0-75 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 173, Deception Island, Port Foster, 5-60 m (gear: tow-net of coarse silk) (KHB 32).

Type specimen location: NHM, London.

***Oradarea impressicauda* K.H. Barnard, 1932**

Barnard K.H., 1932: 166, figs. 96c, 100.

Barnard J.L., 1958e: 109.

Thurston, 1974a: 47, figs. 11g, 11t, 12g, 13g.

Lowry & Bullock, 1976: 54.

Barnard & Karaman, 1991: 330.

De Broyer & Jażdżewski, 1993: 40.

Gutt *et al.*, 2000: 76-77. (*Paramoera impressicauda*).

Distribution:**E+W**

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large dredge) (KHB 32).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ J)*, sta. 02 MG 29, Kapp Norvegia, 71°18.60'S 12°25.40'W, 181 m (gear: multibox corer) (JG *et al.* 00).

Depth range: 181-342 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large dredge) (KHB 32).

Type specimen location: NHM, London.

***Oradarea megalops* (Nicholls, 1938)**

Nicholls, 1938: 93, figs. 49, 52a. (*Atylopsis megalops*)
 Schellenberg, 1926a: 351. (*Leptamphopus novae zealandiae*, in part).
 Barnard J.L., 1958e: 32. (*Atylopsis megalops*)
 Barnard J.L., 1964c: 53. (*Oradarea megalops*).
 Barnard J.L., 1969c: 173. (*Atylopsis megalops*)
 Thurston, 1974a: 54, (in key). (*Atylopsis megalops*)
 Lowry & Bullock, 1976: 40-41. (*Atylopsis megalops*)
 Lowry, 1982: 320.
 Barnard & Karaman, 1991: 330. (*Oradarea megalops*).
 De Broyer & Jazdzewski, 1993: 40.
 De Broyer *et al.*, 1999: 165. (*Atylopsis megalops*).
 De Broyer & Rauschert, 1999: 284, table 1.
 Gutt *et al.*, 2000: 76-79. (*Atylopsis megalops*).

Distribution:**E**

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 82-91 m (GEN 38).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Weddell Sea: eastern shelf (CDB *et al.* 99); *Polarstern ANT XIII/3 (EASIZI)*: sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 06 AGT 09, Kapp Norvegia, 71°32.10'S 13°44.10'W, 362 m (gear: Agassiz trawl); sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge) (JG *et al.* 00).

Depth range: 81-385 m.

Type-locality: Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 81-90 m (GEN 38).

Type specimen location: Types lost (Lowry, 1982).

***Oradarea novaezealandiae* (Thomson, 1879b)**

Thomson, 1879b: 239, pl. 10: fig. c2. (*Pherusa novae-zealandiae*).

Thomson, 1880a: 3, pl. 1: fig. 3. (*Panoploea debilis*).

Thomson 1880b: 213. (*Panoploea debilis*).

Thomson & Chilton, 1886: 148. (*Pherusa neo-zelanica*).

Thomson & Chilton, 1886: 150. (*Panoploea debilis*).

Thomson, 1889: 262. (*Panoploea debilis*).

Della Valle, 1893: 604, 620. (*Acanthozone longimana*, in part).

Hutton, 1904: 259. (*Pherusa novae-zealandiae*).

Stebbing, 1906: 294. (*Leptamphopus novaezealandiae*).

Chilton, 1909b: 621. (*Leptamphopus novae-zealandiae*).

Chilton, 1911d: 308. (*Leptamphopus novae zealandiae*).

Non Chilton, 1912a: 488. (*Leptamphopus novae-zealandiae* = *Oradarea walkeri*, *Oradarea bidentata*, *Oradarea unidentata*).

Non Chevreux, 1913c: 143. (*Leptamphopus novae-zealandiae* = *Oradarea bidentata*, *Oradarea ocellata*, *Oradarea unidentata*).

Thomson, 1913: 243. (*Leptamphopus novae-zealandiae*).

Chilton, 1920b: 1, fig. 1-5. (*Leptamphopus novae-zealandiae*).

Non Schellenberg, 1926a: 351. (*Leptamphopus novae zealandiae* = *Oradarea walkeri*, *Oradarea tridentata*, *Atylopsis megalops*).

? Schellenberg, 1926b: 195. (probably = *Oradarea tridentata*).
 Stephensen, 1927e: 314. (*Leptamphopus novaezealandiae*).

Barnard K.H., 1930: 369. (*Leptamphopus novaezealandiae*, in part; part = *Oradarea acuminata*).

Barnard K.H., 1932: 162, figs. 95a-d. (*Leptamphopus novae-zealandiae*).

Stephensen, 1938c: 244. (*Leptamphopus novaezealandiae*).

Non Shoemaker, 1945d: 290. (*Leptamphopus novae-zealandiae* = *Oradarea edentata*).

Barnard J.L., 1958e: 33. (*Leptamphopus novaezealandiae*).

Barnard J.L., 1972b: 28, 68, fig. 30. (in key).

Lowry, 1974a: 109,124, fig. 7h, 7I. (in key).

Thurston, 1974a: 50, figs. 10n, 10o, 11k, 11n, 12k, 13 l.

Lowry & Bullock, 1976: 54-55.

Barnard & Karaman, 1991: 330.

De Broyer & Jazdzewski, 1993: 40.

Distribution:**S+**

Auckland Islands: Carnley Harbour (CC 09b); Coleridge Bay, 50 m (KS 27e).

Campbell Island: Perseverance Harbour (KS 38c).

Depth range: 50 m.

Type-locality: New Zealand: Dunedin (GMT 79a).

Extralimital distribution: New Zealand.

Extralimital depth range:

Type specimen location: OMNZ, Dunedin.

***Oradarea ocellata* Thurston, 1974a**

Thurston, 1974a: 40-43, figs. 11e, 11r, 12e, 13e, 14 a-p, 15 a-g.

Chevreux, 1906e: 54. (*Oradarea longimana*, part).

Chevreux, 1913c: 143. (*Leptamphopus novae-zealandiae*, part).

Stephensen, 1947a: 52-53. (*Oradarea ?walkeri*, part)

Thurston, 1974b: 33.

Lowry & Bullock, 1976: 55.

Bellan-Santini & Ledoyer, 1987: 378-379.

Barnard & Karaman, 1991: 330.

Branch *et al.*, 1991: 20, 40, fig. on p.20.

De Broyer & Jazdzewski, 1993: 41.

Distribution:**W+S(+Ba)**

Palmer Archipelago: Port Lockroy, Goudier Island, low tide; Peltier Channel, 18 m (MHT 74b).

South Orkney Islands: South Orkney Islands, Signy Island, sta. 50, Borge Bay, 5-10 m.; from Berntsen Point to Bare Rock (bottom/habitat: gravel and sand, some rocks with *Desmarestia anceps* and *Phyllogigas grandifolius*; gear: Agassiz trawl);+12 other stations, 4-49 m (bottom/habitat: various: rock and boulders with *Lithothamnia*, *Desmarestia anceps*, *Iophon/Phyllophora*, Porifera, Polyzoa; sand; gravel and sand; etc...; gears: SCUBA, Agassiz trawl, anchor dredge, benthic trawl) (MHT 74a).

South Shetland Islands: Deception Island, 75 m (KS 47a).

Trinity Peninsula: Hope Bay, Grunden Rock, low tide (MHT 74b).

Wilhelm Archipelago: Port Charcot, 20 m (EC 06e); Peterman Island, Port Circumcision, 5-6 m; Lemaire Channel, 40-60 m (EC 13c).

Prince Edward Islands: *Marion Dufresne 08*: sta. 24 CC128, 46°52.8'S 37°52.2'E, 52 m; sta. 35 DC170, 46°39.7'S 38°00.3'E, 53 m (bottom/habitat: gravel and blocks) (BS&L 87); 10-510 m (MLB *et al.* 91).

Depth range: 0-510 m.

Type-locality: South Orkney Islands: Signy Island, sta. 50, Borge Bay, 5-10 m.; from Berntsen Point to Bare Rock (bottom/habitat: gravel and sand, some rocks with *Desmarestia anceps* and *Phyllogigas grandifolius*; gear: Agassiz trawl) (MHT 74a).

Type specimen location: NHM, London.

***Oradarea rossi* Thurston 1974a**

Thurston, 1974a: 50, figs. 11a, 11m, 12a, 13a, 20a-n, 21a-g. Walker, 1903a: 56, pl. 10: figs. 77-89. (*Oradarea longimana*, in part; part= *Oradarea walkeri*).

Walker, 1907: 32. (*Oradarea longimana*, in part; part= *Oradarea acuminata*, *Oradarea tricarinata*, *Oradarea walkeri*).

Lowry & Bullock, 1976: 55.

Andres, 1982: 172-173.

Barnard & Karaman, 1991: 330.

De Broyer & Jazdzewski, 1993: 41.

Distribution: E+W

Ross Sea: *Discovery 1901-04*, Coulman Island, 180 m; 78°35'S, surface; Cape Adare, 14 m (AOW 07).

South Shetland Islands: *Walther Herwig 1977-78*, sta. 327, 63°35'S 54°36'W, 0-45 m (gear: RMT) (bottom: 190 m) (HGA 82).

Depth range: 0-180 m.

Type-locality: Ross Sea: *Discovery 1901-04*, Coulman Island, 180 m; 78°35'S, surface; Cape Adare, 14 m (AOW 07).

Type specimen location: NHM, London.

***Oradarea tricarinata* K.H. Barnard, 1932**

Barnard K.H., 1932: 166, figs. 96a, 99.

Walker, 1907: 32. (*Oradarea longimana*, in part; part = *Oradarea acuminata*, *Oradarea rossi*, *Oradarea walkeri*).

Nicholls, 1938: 93. (?*Oradarea tricarinata*).

Barnard J.L., 1958e: 109.

Thurston, 1974a: 47, fig. 11j, 11w, 12j, 13k.

Lowry & Bullock, 1976: 55.

Andres, 1982: 173.

Barnard & Karaman, 1991: 330.

De Broyer & Jazdzewski, 1993: 41.

Gutt *et al.*, 2000: 76-77.

Distribution: E+W+G(+Ba)

Adélie Coast: *Aurora 1912-14*, sta. 7, Commonwealth Bay, 108 m (GEN 38).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S

59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large dredge) (KHB 32).

Ross Sea: *Discovery 1901-04*, Coulman Island, 180 m (AOW 07).

South Georgia: *Discovery 1925-27*, sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, stones; gear: net, tow-net of coarse silk) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 172, off Deception Island, 62°59'S 60°28'W, 525 m (gear: large dredge) (KHB 32); *Walther Herwig 1977-78*, sta. 376, 61°29'S 56°03'W, 145-323 m (gear: RMT) (bottom: 325 m) (HGA 82).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*: sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge) (JG *et al.* 00).

Depth range: 108-525 m.

Type-locality: Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large dredge) (KHB 32).

Type specimen location: NHM, London.

***Oradarea tridentata* K.H. Barnard, 1932**

Barnard K.H., 1932: 163, 315, figs. 96a, 97.

Schellenberg, 1926a: 351. (*Leptamphopus novae zealandiae*, in part).

Schellenberg, 1926c: 195. (?*Leptamphopus novae zealandiae*).

Schellenberg, 1931a: 177. (*Oradarea walkeri*, in part).

Stephensen, 1938c: 238.

Stephensen, 1947a: 52. (*Oradarea ?walkeri*, in part).

Barnard J.L., 1958e: 109.

Arnaud, 1974: 546, 553, 556, tables 14, 17, 18 (eco).

Bellan-Santini & Ledoyer, 1974: 646, pl. 3a.

Thurston, 1974a: 46, figs. 11 I, 11v, 12 I, 13 I.

Thurston, 1974b: 33.

Lowry & Bullock, 1976: 55-56.

De Broyer, 1983: 323-324.

Barnard & Karaman, 1991: 330.

De Broyer & Jazdzewski, 1993: 41.

Gutt *et al.*, 2000: 76-77.

Distribution: E+W+G+S

Iles Kerguelen: Baie de l'Observatoire (AS 26a); Golfe du Morbihan, low tide-15 m; Ile Australia, 24 m; Port Jeanne-d'Arc, 14-17 m; Anse Joliette, 10-54 m (BS&L 74).

Palmer Archipelago: Port Lockroy, 20-120 m (KS 47a), low tide (MHT 74b).

South Georgia: *Discovery 1925-27*: sta. 123, off mouth of Cumberland Bay, 230-250 m (gear: net, large otter trawl); sta. 149, mouth of Cumberland East Bay, 200-234 m (bottom/habitat: grey mud; gear: net, large otter trawl); sta. 141, Cumberland East Bay, 17-27 m (bottom/habitat: mud; gear: small beam trawl); sta. 142, Cumberland East Bay, 88-273 m (bottom/habitat: mud; gear: tow-net of coarse silk, large otter

trawl); sta. MS 6, Cumberland East Bay, 24-30 m (gear: small beam trawl); sta. MS 68, Cumberland East Bay, 220-247 m (gear: tow-net of coarse silk, large rectangular net); sta. MS 74, Cumberland East Bay, 22-40 m (gear: small beam trawl, tow-net of coarse silk); sta. 145, Stromness Harbour, 26-35 m (bottom/habitat: weedy ground; gear: small beam trawl); sta. WS 25, Undine Harbour, 18-27 m (bottom/habitat: mud, stones; gear: small beam trawl) (KHB 32); Coal Harbour, 13-16 m (KS 38c); *PAMRE I*, sta. 74a, 54°40'S 34°30'W, 200 m (CDB 83).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*: sta. 24 AGT 06, Kapp Norvegia, 71°08.15'S 11°32.25'W, 123 m (gear: Agassiz trawl); sta. 06 AGT 09, Kapp Norvegia, 71°32.10'S 13°44.10'W, 362 m (gear: Agassiz trawl); sta. 06 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 11 BT 04, south of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 0-362 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 145, Stromness Harbour, 26-35 m (bottom/habitat: weedy ground; gear: small beam trawl) (KHB 32).

Type specimen location: NHM, London.

***Oradarea unidentata* Thurston, 1974a**

Thurston, 1974a: 43, figs. 11c, 11p, 12c, 13c, 16a-o, 17a-g.
Chilton, 1912a: 488. (*Leptamphopus novae-zealandiae*, in part).

Chevreur, 1913c: 143. (*Leptamphopus novae-zealandiae*, in part).

Stephensen, 1947a: 52. (*Oradarea ?walkeri*).

Thurston, 1974b: 33.

Lowry & Bullock, 1976: 56.

Barnard & Karaman, 1991: 330.

De Broyer & Jazdzewski, 1993: 41.

Distribution:

W

Palmer Archipelago: Port Lockroy, Goudier Island, 1 m; Lecuyer Point, Peltier Channel, low tide-18 m (MHT 74b).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay (CC 12a); Signy Island, Borge Bay, 2-20 m, Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: Deception Island, 75 m (KS 47a).

Wilhelm Archipelago: Petermann Island; Lemaire Channel, 40-60 m (EC 13c).

Depth range: 0-75 m.

Type-locality: Palmer Archipelago: Port Lockroy, Goudier Island, 1 m; Lecuyer Point, Peltier Channel, low tide-18 m (MHT 74b).

South Orkney Islands: Signy Island, Borge Bay, 2-20 m, Paal Harbour, 5-15 m (MHT 74a).

Type specimen location: NHM, London; RSM, Edinburgh.

***Oradarea walkeri* Shoemaker, 1930a**

Shoemaker, 1930a: 301.

Walker, 1903a: 56, pl. 10: figs. 77-89. (*Oradarea longimana*, in part; part = *Oradarea rossi*).

Chevreur, 1906e: 54. (*Oradarea longimana* in part).

Walker, 1907: 32. (*Oradarea longimana*, in part; part = *Oradarea acuminata*, *Oradarea rossi*, *Oradarea tricarinata*).

Chilton, 1912a: 488. (*Leptamphopus novae-zealandiae*, in part).

Schellenberg, 1926a: 351. (*Leptamphopus novae zealandiae*, in part).

Schellenberg, 1931a: 177. (in part, part = *Oradarea tridentata*).

Nicholls, 1938: 92.

Stephensen, 1947a: 52. (*Oradarea ?walkeri*, in part; part = *Oradarea edentata*, *Oradarea ocellata*, *Oradarea tridentata*, *Oradarea unidentata*).

Barnard J.L., 1958e: 109.

Bellan-Santini, 1972a: 184, pl. 10.

Bellan-Santini, 1972b: 684, 686.

Arnaud, 1974: 562, 564, 565, tables 20, 21(eco).

Thurston, 1974a: 37, figs. 11d, 11q, 12d, 13d.

Thurston, 1974b: 33.

Lowry & Bullock, 1976: 56.

De Broyer, 1983: 325-326.

Barnard & Karaman, 1991: 330.

Jazdzewski *et al.*, 1992: 464, 469.

De Broyer & Jazdzewski, 1993: 41.

Jazdzewski *et al.*, 1996: 370.

Gutt *et al.*, 2000: 76-77.

Takeuchi & Watanabe, 2002: 626.

Distribution:

E+W

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 5 -91 m; *Aurora 1912-14*, sta. 7, Commonwealth Bay, 45-108 m (GEN 38); Géologie Archipelago, 6-31 m (DBS 72a).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Enderby Land: *PABE III*, sta. 34, Alasheyev Bight, 5-8 m (CDB 83); Lützw-Holm Bay, East Ongul Island, Kitano-Seto Strait, 69°00'S 39°44.4'E, 8-20 m (bottom/habitat: on *Desmarestia chordalis*, under fast ice; gear: SCUBA) (T&W 02).

Marguerite Bay: Trepassey Island, 4 m (MHT 74b).

Palmer Archipelago: Flandres Bay (EC 06e), 2-10 m (KS 47a); Wiencke Island, 20-25 m (EC 06e); Port Lockroy, Goudier Island, low tide; Lecuyer Point, Peltier Channel, 18-27 m (MHT 74b).

Ross Sea: *Discovery 1901-04*, Cape Adare, 14-36 m; Coulman Island, 180 m (AOW 07).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay (CC 12a); Signy Island, Paal Harbour, 20-25 m; Borge Bay, 5-20 m (MHT 74a).

South Shetland Islands: Deception Island, 75 m (KS 47a); King George Island, Admiralty Bay, 46-126 m (gear: Van Veen grab) (KJ *et al.* 92).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge) (JG *et al.* 00).

Depth range: 0-385 m.

Type-locality: Ross Sea: *Discovery 1901-04*, Cape Adare, 14-36 m (AOW 07).

Type specimen location: NHM, London.

***Pontogeneoides abyssi* Nicholls, 1938**

Nicholls, 1938: 106, fig. 55.

Barnard J.L., 1958e: 25.

Lowry & Bullock, 1976: 64.

Barnard & Karaman, 1991: 334-335.

De Broyer & Jazdzewski, 1993: 45.

Distribution: **E(Ba)**

Adélie Coast: Commonwealth Bay, 1566 m (GEN 38).

Depth range: 1566 m.

Type-locality: Adélie Coast: Commonwealth Bay, 1566 m (GEN 38).

Type specimen location: AM, Sydney.

***Pontogeneoides dubia* Ruffo, 1949**

Ruffo, 1949: 51, figs. 16,17.

Barnard J.L., 1958e: 125.

Lowry & Bullock, 1976: 64.

Barnard & Karaman, 1991: 335.

De Broyer & Jazdzewski, 1993: 45.

Distribution: **E**

Bellingshausen Sea: *Belgica 1897-99*, 70°23'S 82°47'W (SR 49).

Depth range:

Type-locality: Bellingshausen Sea: *Belgica 1897-99*, 70°23'S 82°47'W (SR 49).

Type specimen location: IRScNB, Brussels.

***Stenopleura atlantica* Stebbing, 1888**

Stebbing, 1888: 950, pl. 84.

Della Valle, 1893: 601, pl. 59: fig. 10. (*Acanthozone atlantica*).

Chevreux, 1905b: 7.

Stebbing, 1906: 302.

Walker, 1909b: 332.

Stephensen, 1915: 45, fig. 27.

Schellenberg, 1926a: 353.

Schellenberg, 1926c: 227.

Pirlot, 1929b: 9.

Barnard J.L., 1932: 161.

Shoemaker, 1945a: 195.

Reid, 1951: 233, 287.

Schellenberg, 1955: 194.

Barnard J.L., 1958e: 34.

Birstein & Vinogradov, 1958: 243, figs. 12, 16.

Birstein & Vinogradov, 1960: 220, 227, 230.

Barnard J.L., 1962d: 64, figs. 60, 61, tables 7a, 10.

Birstein & Vinogradov, 1964: 172.

Mills, 1972a: 77, table 1.

Sanderson, 1973: 7.

Lowry & Bullock, 1976: 67.

Barnard & Karaman, 1991: 340, 341.

De Broyer & Jazdzewski, 1993: 46.

Vinogradov G.M., 1999: 1161, fig. 4.9.

Vinogradov G.M., 2004: 71.

Distribution: **E++(+Ab)(P)**

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 380 m (AS 26a).

Depth range: 380 m.

Type-locality: Atlantic Ocean: *Challenger 1873-76*: sta. 106, 1°47'N 24°26'W, 3383 m (bottom/habitat: *Globigerina* ooze; gear: trawl); sta. 133, South Atlantic, 35°41'S 20°55'W, 3475 m (bottom/habitat: *Globigerina* ooze; gear: trawl) (TRS 88).

Extralimital distribution: Panoceanic: N and S Atlantic to 36°N; Indian Ocean.

Extralimital depth range: 0-4986 m.

Type specimen location: ZMB, Berlin.

***Tylosapis dentata* (Stebbing, 1888)**

Stebbing, 1888: 929, pl. 80. (*Atylopsis dentatus*).

Stebbing, 1906: 299. (*Atylopsis dentata*).

Schellenberg, 1931a: 178, fig. 91. (*Atylopsis dentata*).

Barnard J.L., 1958e: 32. (*Atylopsis dentata*).

Thurston, 1974a: 54, (in key). (*Atylopsis dentatus*).

Thurston, 1974b: 40, (in key).

Lowry & Bullock, 1976: 68.

Rauschert, 1989: 134-135, fig.4.

Barnard & Karaman, 1991: 343.

Gonzalez, 1991a: 55.

De Broyer & Jazdzewski, 1993: 46.

Distribution: **M**

Burdwood Bank: 53°45'S 61°10'W, 137-150 m (AS 31a).

Falkland Islands: Port William, 22 m; Port Stanley (bottom/habitat: kelp holdfasts); Berkeley Sound, 16 m (bottom/habitat: gravel, shells, algae); Port Albemarle, 15-40 m (bottom/habitat: sand, algae); 52°29'S 60°36'W, 197 m (AS 31a).

Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom/habitat: sand; gear: trawl) (TRS 88); Cabo Valentina, 270 m (bottom/habitat: shells); Canal Smith, 14 m; Ushuaia, 22-27 m (bottom/habitat: algae); Bahía Ushuaia, 4-27 m; mouth of Canal Beagle, 100 m (bottom/habitat: shells); 'Marta Banco', 180 m; Isla Picton, 5 m; Ultima Esperanza, 13-18 m (bottom/habitat: algae, silt, stones) (AS 31a).

Depth range: 4-270 m.

Type-locality: Magellan area: off Cabo Virgenes, *Challenger 1873-76*, sta. 313, 52°20'S 67°39'W, 101 m (bottom/habitat: sand; gear: trawl) (TRS 88).

Type specimen location: NHM, London.

Family EUSIRIDAE Stebbing, 1888 s.s.
[Bousfield & Hendrycks 1995]

***Cleonardo longipes* Stebbing, 1888**

Stebbing, 1888: 959, pl. 86.
Della Valle, 1893: 618, pl. 59: fig. 31. (*Pontogeneia longipes*).
Stebbing, 1906: 347, figs. 82, 83.
Chevreux, 1908h: 4. (*Cleonardo longirostris*), fig. 3. (*Cleonardo longicornis*).
Stephensen, 1912b: 90, figs. 3, 4. (*Cleonardo microdactylus*).
Schellenberg, 1926c: 230.
Pirlot, 1929b: 16. (*Cleonardo microdactylus*).
Stephensen, 1933b: 40. (*Cleonardo microdactylus*).
Chevreux, 1935: 106. (*Cleonardo longirostris*).
Shoemaker, 1945a: 195, fig. 9. (*Cleonardo microdactyla*).
Schellenberg, 1955: 194.
Barnard J.L., 1958e: 40.
Barnard J.L., 1958e: 40. (*Cleonardo longirostris*).
Barnard J.L., 1958e: 40. (*Cleonardo microdactylus*).
Birstein & Vinogradov, 1962b: 50, fig. 11.
Mills, 1972a: 77, table 1.
Lowry & Bullock, 1976: 42-43.
Barnard & Karaman, 1991: 315.
Gonzalez, 1991a: 54.
De Broyer & Jazdzewski, 1993: 37.
Vinogradov G.M., 1999: 1158, fig. 4.1.

Distribution: **An++(P)**
Southern Ocean, Indian Sector: *SAE 1955-58, Ob*, sta. 36, 62°55'S 118°52'E, 0-3700 m (bottom: 3741 m; gear: plankton net) (B&V 62b); 55°01'S 21°34'E, 0-1500 m (AS 26c).
Depth range: 0-3700 m.
Type-locality: Chile: *Challenger 1873-76*, sta. 297, off Juan Fernandez Islands, 37°29'S 83°7'W, 3246 m (bottom/habitat: *Globiregina* ooze; gear: trawl) (TRS 88).
Extralimital distribution: Panoceanic? North Atlantic, northwestern and South Pacific (GV 99); Chile: *Challenger 1873-76*, sta. 297, off Juan Fernandez Islands, 37°29'S 83°7'W, 3246 m (bottom/habitat: *Globiregina* ooze; gear: trawl) (TRS 88).
Extralimital depth range: 1000-2000 m (4000m); bathypelagic.
Type specimen location: NHM, London.

***Cleonardo macrocephala* Birstein & Vinogradov, 1955**

Birstein & Vinogradov, 1955: 273.278, figs. 31, 32.
Barnard J.L., 1958e: 40.
Birstein & Vinogradov, 1958: 247.
Birstein & Vinogradov, 1962b: 51, fig. 12.
Lowry & Bullock, 1976: 43.
Barnard & Karaman, 1991: 315.
De Broyer & Jazdzewski, 1993: 37.

Distribution: **An+(P)**
Southern Ocean, Indian Sector: *SAE 1955-58, Ob*: sta. 36,

62°55'S 118°52'E, 0-3600 m (bottom: 3741 m; gear: plankton net); sta. 111, 64°25'S 92°52'E, 0-2700 m (bottom: 2846 m; gear: plankton net) (B&V 62b).

Southern Ocean, Pacific Sector: *SAE 1955-58, Ob*: sta. 48, 63°18'S 135°14'E, 0-3600 m (bottom: 4040 m; gear: plankton net); sta. 57, 64°03'S 161°59'E, 0-3000 m (bottom: 3000 m; gear: plankton net); sta. 413, 58°58'S 109°28'W, 0-2180 m (bottom: 4950 m; gear: plankton net) (B&V 62b).

Depth range: 0-3600 m (bathypelagic).

Type-locality: Kurile-Kamtschatka Trench (B&V 55).

Extralimital distribution: North Pacific Ocean.

Extralimital depth range:

Type specimen location: MUG, Moscow.

***Eusirella flagella* Andres, 1982**

Andres, 1982: 162-166, pls. 2-4.
Barnard & Karaman, 1991: 318.
De Broyer & Jazdzewski, 1993: 38.
Vinogradov G.M., 1999: 1159, fig. 4.3.

Distribution: **An(P)**
South Shetland Islands: *Walther Herwig 1977-78*, sta. 245, 61°08'S 57°21'W, depth? (bottom: 3200 m; gear: RMT) (HGA 82).

Depth range:

Type-locality: South Shetland Islands: *Walther Herwig 1977-78*, sta. 245, 61°08'S 57°21'W, depth? (bottom: 3200 m; gear: RMT) (HGA 82).

Type specimen location: ZMH, Hamburg.

***Eusiroides aberrantis* Bellan-Santini & Ledoyer, 1987**

Bellan-Santini & Ledoyer, 1987: 373-376, fig. 7.
Branch *et al.*, 1991: 21, 40, fig. on p.21.
De Broyer & Jazdzewski, 1993: 38.

Distribution: **S(+Ba)**
Marion and Prince Edward Island: *Marion Dufresne 08*, sta. 20 CP 116, 46°47.2'S 38°03.5'E, 180 m; sta. 25 CP 134, 46°45.3'S 37°56'E, 185-232 m (BS&L 87); no loc., 527 m (MLB *et al.* 91).

Depth range: 180-527 m.

Type-locality: Marion and Prince Edwards Islands: Marion Island: *Marion Dufresne 08*, sta. 20 CP 116, 46°47.2'S 38°03.5'E, 180 m; sta. 25 CP 134, 46°45.3'S 37°56'E, 185-232 m (BS&L 87).

Type specimen location: MCSN, Verona.

***Eusiroides crassi* Stebbing, 1888**

Stebbing, 1888: 977, pl. 90.
Della Valle, 1893: 672. (*Eusiroides caesaris*, in part; part = *Eusiroides monoculoides*).
Stebbing, 1906: 346.

Stebbing, 1910a: 594, 639.
 Schellenberg, 1931a: 174, fig. 92c, d.
 Stephensen, 1947a: 58, fig. 20.
 Barnard J.L., 1958e: 40.
 Mills, 1972a: 76, table 1.
 Lowry & Bullock, 1976: 44.
 Barnard & Karaman, 1991: 319.
 De Broyer & Jazdzewski, 1993: 38.

Distribution: **W+G(+Ba)**

South Georgia: off Grytviken, 12-15 m (bottom/habitat: sand, algae) (AS 31a).

South Sandwich Islands: Visokoi Island, 10-17 m (KS 47a).

Depth range: 10-17 m.

Type-locality: South Atlantic Ocean: *Challenger 1873-76*, sta. 320, 37°17'S 53°52'W, off Montevideo, 1097 m (TRS 88).

Extralimital distribution: Australia; South Atlantic Ocean, Uruguay.

Extralimital depth range: 10-1097 m.

Type specimen location: NHM, London.

***Eusiroides georgiana* K.H. Barnard, 1932**

Barnard K.H., 1932: 191, fig. 116.
 Barnard J.L., 1958e: 40.
 Lowry & Bullock, 1976: 44.
 Bellan-Santini & Ledoyer, 1987: 376-378, fig. 8.
 Barnard & Karaman, 1991: 319.
 Branch *et al.*, 1991: 19, 40, fig. on p.19.
 De Broyer & Jazdzewski, 1993: 38.

Distribution: **W+G+S**

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stone, gravel; gear: large heavy dredge) (KHB 32).

Prince Edward Islands: no loc., 49 m (MLB *et al.* 91).

South Georgia: *Discovery 1925-27*: sta. 141, Cumberland East Bay, 17-27 m (bottom/habitat: mud; gear: small beam trawl); sta. MS 25, Cumberland East Bay, 36 m (gear: small beam trawl); sta. MS 71, Cumberland East Bay, 110-60 m (gear: tow-net of coarse silk, small beam trawl); sta. WS 25, Undine Harbour, 18-27 m (bottom/habitat: mud, sand; gear: small beam trawl); sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Depth range: 17-342 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. MS 25, Cumberland East Bay, 36 m (gear: small beam trawl) (KHB 32).

Type specimen location: NHM, London.

***Eusiroides monoculoides* (Haswell, 1879b)**

Haswell, 1879b: 327, pl. 18: fig. 4. (*Atylus monoculoides*).

Haswell, 1879b: 328, pl. 20: fig. 1. (*?Atylus lippus*).
 Haswell, 1882: 243. (*Atylus monoculoides*).
 Stebbing, 1888: 969. (*Atylus monoculoides*).
 Stebbing, 1888: 970, pl. 88. (*Eusiroides caesaris*).
 Stebbing, 1888: 974, pl. 89. (*Eusiroides pompeii*).
 Della Valle, 1893: 672. (*Eusiroides caesaris*, in part; part = *Eusiroides crassi*).
 Della Valle, 1893: 674.
 ? Walker, 1904: 264, pl. 4: fig. 22. (questioned by Schellenberg, 1931a). (*Eusiroides caesaris*).
 Stebbing, 1906: 345.
 ? Chevreux, 1907c: 478. (questioned by Barnard J.L., 1972b). (*Eusiroides monoculoides*).
 ? Chilton, 1909b: 622 (questioned by Schellenberg, 1931a). (*Bovallia monoculoides*, in part).
 Stebbing, 1910a: 595, 639.
 Non Chilton, 1912a: 494. (*Bovallia monoculoides* = *Bovallia gigantea*).
 Non Chilton, 1913: 57. (*Bovallia monoculoides* = *Bovallia gigantea*).
 Shoemaker, 1914: 74. (*Bovallia monoculoides*, in part; part = *Bovallia gigantea*, *Paramoera walkeri*).
 Barnard K.H., 1916: 174.
 Chilton, 1921d: 66. (*Bovallia monoculoides*).
 Chilton, 1924a: 270. (*Bovallia monoculoides*).
 Non Chilton, 1925a: 177. (*Bovallia monoculoides* = *Bovallia gigantea*).
 Chilton, 1926a: 109, figs. 1-3. (*Bovallia monoculoides*).
 Stephensen, 1927e: 316. (*?Bovallia monoculoides*, in part).
 Hale, 1929: 211, fig. 209. (*Bovallia monoculoides*).
 ? Schellenberg, 1931a: 173, fig. 90. (questioned by Barnard J.L., 1972b). (*Eusiroides monoculoides*).
 Stephensen, 1949: 15.
 Barnard J.L., 1958e: 40.
 ? Barnard J.L., 1964b: 220, 221, fig. 1. (*Eusiroides ?monoculoides*). (probably = *Eusiroides dellavallei*).
 Barnard J.L., 1969a: 110.
 Day, Field & Penrith, 1970: 52. (eco).
 Non Barnard J.L., 1971a: 63, 64, figs. 29e, 30e. (*Eusiroides monoculoides* = *Eusiroides diplomyx*).
 Barnard J.L., 1972b: 28, 66, fig. 67 l, m, (in key).
 Griffiths, 1973: 284.
 Griffiths, 1974b: 232.
 Griffiths, 1974c: 288.
 Lowry, 1974a: 109, 124, fig. 8a, (in key).
 Griffiths, 1975: 118.
 Lowry & Bullock, 1976: 44-45.
 Lincoln & Hurley, 1981: 108.
 Barnard & Karaman, 1991: 319.
 ? Gonzalez, 1991a: 54.
 De Broyer & Jazdzewski, 1993: 38.
 De Broyer & Rauschert, 1999: 284, table 1.
 Lowry & Stoddart, 2003: 112.
 Chiesa *et al.*, 2005: 170.

Distribution: **G+S+?M+**

Auckland Islands: Carwley Harbour (CC 09b), shore (KS 49); Figure of Eight Island (KS 49).

Heard Island: *Challenger 1873-76*, sta. 151, 52°59'S 73°33'E, 135 m (bottom: mud; gear: dredge) (TRS 88).

? **Magellan area:** Magellan Sound; Bahia Inutil, 36-54 m (bottom/habitat: shells) (AS 31a); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W, Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W; 15-27 m (gear: dredge) (ILC *et al.* 05).

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha*, sta. 115, Nightingale Island, 35-55 m (KS 49).

South Georgia: Bay of Isles, 9 m; Possession Bay (CRS 14).

Depth range: 0-135 m.

Type-locality: Australia: Clark Island, Port Jackson (WAH 79b).

Extralimital distribution: Australia; New Zealand; South Africa; Sri Lanka; Tuamotu Archipelago.

Extralimital depth range:

Type specimen location: AM, Sydney.

***Eusiroides stenopleura* K.H. Barnard, 1932**

Barnard K.H., 1932: 192, fig. 117, pl. 1: fig. 4.

Barnard J.L., 1958e: 40.

Birstein & Vinogradov, 1962b: 49, fig. 10.

Lowry & Bullock, 1976: 45.

Lincoln & Hurley, 1981: 108, fig. 3c.

Andres, 1982: 167, figs. 5-7.

Barnard & Karaman, 1991: 319.

De Broyer & Jazdzewski, 1993: 38.

Vinogradov G.M., 1999: 1159.

Distribution: **An+Sa+(P)**

Bouvet Island: *Discovery 1925-27*, sta. 114, 52°25'S 09°50'E, 1310-1410 m (gear: tow-net) (KHB 32).

Southern Ocean: Circumantarctic: south of 43°, 700-2000 m (GV 99).

Southern Ocean, Atlantic Sector: *Discovery 1925-27*, sta. 239, 46°56'S 46°03'W, 1050-1350 m (gear: tow-net) (KHB 32).

Southern Ocean, Pacific Sector: *SAE 1955-58, Ob*, sta. 57, 64°03'S 161°59'E, 0-3100 m (gear: plankton net) (B&V 62b).

South Shetland Islands: *Walther Herwig 1977-78*, sta. 245, 61°08'S 57°21'W, depth? (bottom: 3200 m; gear: RMT) (HGA 82).

Depth range: 0-3100 m (meso-, bathypelagic).

Type-locality: Southern Ocean, Atlantic Sector: *Discovery 1925-27*, sta. 239, 46°56'S 46°03'W, 1050-1350 m (gear: tow-net) (KHB 32).

Extralimital distribution: South Indian Ocean; South West Atlantic Ocean.

Extralimital depth range:

Type specimen location: NHM, London.

***Eusirus antarcticus* Thomson, 1880a s.l.**

Thomson, 1880a: 4. (*Eusirus cuspidatus* var. *antarcticus*).

Thomson, 1881: 216. (*Eusirus cuspidatus* var. *antarcticus*).

Thomson & Chilton, 1886: 148. (*Eusirus cuspidatus* var. *antarcticus*).

Stebbing, 1888: 965, pl. 87. (*Eusirus longipes*).

Della Valle, 1893: 67. (*Eusirus cuspidatus* var. *antarcticus*).

Thomson, 1902: 464. (*Eusirus longipes*).

Stebbing, 1906: 340, fig. 79.

Walker, 1907: 30. (*Eusirus propinquus*, in part; part = *Eusirus microps*).

Chilton, 1912a: 490-492. (in part, part = *Eusirus laticarpus*).

Schellenberg, 1926a: 348. (in part, part = *Eusirus laticarpus*).

Schellenberg, 1926c: 195.

Barnard K.H., 1930: 384, 450, fig. 46a, b.

Schellenberg, 1931a: 171. (in part, part = *Eusirus laticarpus*).

Schellenberg, 1931a: 171. (*Eusirus antarcticus* f. *walkeri*).

Schellenberg, 1931a: 171. (*Eusirus antarcticus* f. *typica*).

Barnard K.H., 1932: 188.

Nicholls, 1938: 98.

Stephensen, 1947a: 57. (in part; part = *Eusirus bouvieri*).

Barnard J.L., 1958e: 41.

Barnard J.L., 1961: 97, (in key).

Birstein & Vinogradov, 1962b: 49.

Barnard J.L., 1972b: 28, 68, (in key).

Non Bellan-Santini, 1972b: 686, pls. 1, 2. (= *Eusirus microps*).

(fide De Broyer & Jazdzewski, 1993).

Mills, 1972a: 75, table 1.

Arnaud, 1974: 553, 556, 592, tables 17, 18. (eco).

Bellan-Santini & Ledoyer, 1974: 654, pl. 8.

Non Arnaud, 1974: 592. (= *Eusirus microps*).

Thurston, 1974b: 29.

Lowry & Bullock, 1976: 45-46. (in part).

Lincoln & Hurley, 1981: 104, 111, fig. 4a.

Andres, 1982: 167, 170.

Lowry, 1982: 320.

De Broyer, 1983: 330-333, fig. 103a, 104a, 105.

Foster *et al.*, 1987: 51. (eco).

Voss, 1988: 54.

Aarset & Torres, 1989: 491-497. (eco, phl)

Piatkowski, 1989a: 3-10.

Wakabara *et al.*, 1990: 2, 4, 6.

Barnard & Karaman, 1991: 321.

Gonzalez, 1991a: 54.

Klages, 1991: 49.

Rauschert, 1991: 20-36.

Jazdzewski *et al.*, 1992: 464.

De Broyer & Jazdzewski, 1993: 38.

Torres *et al.*, 1994a: 209-219. (eco, phl).

Costanzo & Crescenti, 1997: 27-30, fig.3.4.1-3.

De Broyer & Rauschert, 1999: 284, table 1.

Vinogradov G.M., 1999: 1160.

Gutt *et al.*, 2000: 76-77. (*Eusirus* cf. *antarcticus*).

Cherel *et al.*, 2002a: 268, table 3. (eco).

Fisher *et al.*, 2004: 349-352, table 2-7. (eco).

Chiesa *et al.*, 2005: 170.

Distribution: E+W+G+S+M+(+P)(+Ba)

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 5-108 m (GEN 38).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 54°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Davis Sea: *Aurora 1912-14*, sta. 8, 198 m (GEN 38); 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a); near Haswell Islands, 0-450 m (gear: plankton net) (B&V 62b).

Enderby Land: *PABE III*, 2 sta., Alasheyev Bight, 2-40 m (CDB 83).

Falkland Islands: Port Albemarle, 40 m (bottom/habitat: sand, algae) (AS 31a).

Graham Land: 180 m (AS 31a).

Heard Island: *Challenger 1873-76*, sta. 150, 52°04'S 71°22'E, 274 m (bottom: gravel; gear: dredge) (TRS 88).

Iles Kerguelen: *Challenger 1873-76*, no loc. (TRS 88); Golfe du Morbihan, 15 m, Port Jeanne-d'Arc, 14-17 m, Anse Joliette, 10-54 m; Port-aux-Français, 15 m (BS&L 74).

Magellan area: Bahia Fortescue; Bahia Borja, 18 m (bottom/habitat: algae); Cabo Valentina, 270 m (bottom/habitat: shells); Magellan Sound; Canal Smith, 14 m; Ushuaia (bottom/habitat: algae); Bahia Ushuaia, 22-27 m; mouth of Canal Beagle, 100 m; Puerto Hope, 11-18 m (bottom/habitat: rock, algae); Bahia Harris, 27 m (bottom/habitat: shells); Bahia Inutil, 36-54 m (bottom/habitat: shells); Bahia York (AS 31a); *Discovery 1925-27*, sta. WS 88, 54°00'S 64°57'W, 118 m (bottom/habitat: sand, shells, stones; gear: commercial otter trawl) (KHB 32); Estrecho de Magallanes: Primera Angostura, 0-40 m (Co&C 97); southern Tierra del Fuego, Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge) (ILC *et al.* 05).

Palmer Archipelago: *Discovery 1925-27*: sta. 181, Schollaert Channel, 160-355 m (bottom/habitat: mud; gear: nets); sta. 182, Schollaert Channel, 278-500 m (bottom/habitat: mud; gear: nets) (KHB 32).

Princess Ragnhild Coast: *EABN 1964-65*, 3 sta.; *EABN 1966-67*, 2 sta., Breid Bay, 207-300 m (CDB 83).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay (AOW 07); *Terra Nova 1910*: sta. 220, Cape Adare, 82-92 m; sta. 269, 68°37'S 166°14'W, 0 m; sta. 318, McMurdo Sound, 175 m; sta. 321, 180-250 m; sta. 326, 4-40 m; sta. 331, 457 m; sta. 348, 366 m; sta. 355, 547 m (KHB 30); *Nimrod 1907-1909*, Cape Royds, 110-146 m; 68°37'S 166°14'W, surface (KHB 30).

Scotia Sea: *Scotia 1902-04*, sta. 201, 59°43'S 30°44'W, surface, in clear water among floes (CC 12a); *Walther Herwig 1977-78*, 36 sta., 0-400 m (bottom: 210-5000 m; gear: RMT) (HGA 82); 0-1000 m (gear: midwater trawl) (JJT *et al.* 94).

South Georgia: off Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a); *Discovery 1925-27*: sta. 27, Cumberland West Bay, 110 m (bottom/habitat: mud, rock; gear: large dredge); sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: net, large otter trawl); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: net); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, stones; gear: nets, tow-net of coarse silk); sta. 149, Mouth of Cumberland East Bay, 200-234 m (bottom/habitat: mud; gear:

nets, large otter trawl) (KHB 32); *Walther Herwig 1977-78*, 3 sta., 0-192 m (bottom: 93-780 m; gear: RMT) (HGA 82).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, 16-18 m (CC 12a); *Discovery 1925-27*, sta. 167, Signy Island, 244-344 m (bottom/habitat: green mud; gear: nets) (KHB 32).

South Shetland Islands: King George Island, *Discovery 1925-27*, sta. 195, Admiralty Bay, 62°07'S 58°28'W, 391 m (bottom/habitat: mud, stones; gear: nets) (KHB 32); 62°48'S, 54°20'W, 280 m (YW *et al.* 90); King George Island, Maxwell Bay, 10-35 m (MR 91).

Weddell Sea: *Scotia 1902-04*, sta. 411, Coats Land, 74°01'S 22°W, 290 m; off Coats Land, 72°31'S 19°00'W, 2-1800 m (gear: vertical net) (CC 12a); eastern and southern shelf, no loc. (JV 88); 63°S 45°W, from small pockets in the sea ice (gear: diver operated suction sampler) (A&T 89); *Polarstern ANT I*, in the summer polynia, along the shelf-ice edge from Atka Bay (8°W) to Gould Bay (43°W) and along the marginal pack ice zone ranging from Kapp Norvegia (17°W) to N. W. of Weddell Sea (51°W), 0-300 m (gear: RMT) (UP 89a); eastern shelf (MK 91); 65°S 46°W, 0-100 m (gear: Tucker midwater trawl) (JJT *et al.* 94a); *Polarstern ANT XVII/3 (EASIZ III)*, sta. 97-1, Kapp Norvegia, 71°06.30'S 12°50.50'W to 71°06.20'S 12°49.90'W, 743 m (gear: epibenthic sledge) (L&B 03); NW Weddell Sea between 62-64°S and 44-50°W, 0-100 m (gear: multiple opening-closing net) (ECF *et al.* 04).

Wilhelm Archipelago: Argentine Islands, Cape Tuxen, low tide (MHT 74b).

Depth range: 0-1800 m.

Type-locality: New Zealand: Dunedin Harbour (GMT 80).

Extralimital distribution: Argentina; New Zealand.

Extralimital depth range:

Type specimen location: CMNZ, Dunedin

Remarks: Species status under revision. The material identified as *E. antarcticus* is being splitted into 3 different species (De Broyer & Jazdzewski, in prep.).

Eusirus bouvieri Chevreux, 1911c

Chevreux, 1911c: 405, fig. 3.

Chevreux, 1906e: 49, fig. 30 only. (*Eusirus laticarpus*, in part; part = *Eusirus antarcticus*).

Stephensen, 1947a: 57. (*Eusirus antarcticus*, in part).

Barnard J.L., 1958e: 41.

Thurston, 1974b: 30.

Lowry & Bullock, 1976: 46.

De Broyer, 1983: 334-336, figs. 103b, 104b, 106.

Barnard & Karaman, 1991: 321.

? Ren & Huang, 1991: 211-213, fig. 15. (*Eusirus antarcticus*).

Jazdzewski *et al.*, 1992: 464.

De Broyer & Jazdzewski, 1993: 38.

Jazdzewski *et al.*, 1996: 370.

De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution: E+W

Davis Sea: *PABE I*, 2 sta., Mirnyj Station, 66°33'S 93°01'E, 68 m (CDB 83).

Princess Ragnhild Coast: *EAB 1960-61*, sta. 139; *EABN 1964-65*, sta. 219; *EABN 1965-66*, sta. 232; Breid Bay, 219-300 m (CDB 83).

South Sandwich Islands: 55-92 m (EC 11b); 57°S 10W, 100-400 m; Visokoi Island, 10-15 m (KS 47a), 55-91m (MHT 74b).

South Shetland Islands: 62°51.6'S 61°06'W, 302 m (R&H 91); King George Island, Admiralty Bay (KJ *et al.* 99).

Trinity Peninsula: Hope Bay, 73-91 m (MHT 74b).

Wilhelm Archipelago: Port Charcot, 40 m (EC 06e).]

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 04, Kapp Norvegia, 71°40.6'S 12°31'W, 421 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 160/179, Halley Bay, 74°40'S 26°57.9'W, 403 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 10-421 m.

Type-locality: South Sandwich Islands: 55-92 m (EC 11b).

Type specimen location: MNHN, Paris.

***Eusirus giganteus* Andres, Lörz & Brandt, 2002**

Andres *et al.*, 2002: 109-126, figs. 1-8.

Voss, 1988: 54. (*Eusirus perdentatus*, in part).

Klages, 1991: 49. (*Eusirus perdentatus*) (part).

Arntz *et al.*, 1992: 225. (*Eusirus perdentatus*) (part).

Klages, 1993: 349-359 (*Eusirus perdentatus*) (part).

Distribution: E+W(+Ba)

South Shetland Islands: *Polarstern ANT XVII/3 (EASIZ III)*, sta. 166, King George Island, 63°09'S 59°10'W, 673 m (gear: bottom trawl) (HGA *et al.* 02).

Weddell Sea: *Polarstern ANT I/2*, sta. 213, 72°25'S 16°21'W, 221 m (gear: Agassiz trawl); *Polarstern ANTHI/3*: sta. 248, 73°10'S 20°27'W, 409 m (gear: bottom trawl); sta. 273, 72°35'S 18°07'W, 673 m (gear: Agassiz trawl); sta. 286, 73°15'S 20°21'W, 403 m (gear: bottom trawl); sta. 288, 74°39'S 25°18'W, 602 m (gear: Agassiz trawl); sta. 290, 77°41'S 35°24'W, 419 m (gear: Agassiz trawl); sta. 299, 77°31'S 41°36'W, 664 m (gear: bottom trawl); sta. 300, 77°29'S 41°48'W, 627 m (gear: bottom trawl); *Polarstern VII/4*, sta. 292, 71°04'S 12°42'W, 561 m (gear: bottom trawl); *Polarstern ANT VIII/5*, sta. 423, 74°52'S 27°40'W, 475 m (gear: bottom trawl, small); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 39/29, 71°31'S 12°26'W, 600 m (gear: bottom trawl); *Polarstern ANT XV/3 (EASIZ II)*: sta. 84, 72°51'S 19°09'W, 400 m (gear: bottom trawl); sta. 97, 73°35'S 22°13'W, 690 m (gear: bottom trawl); sta. 100, 73°36'S 22°07'W, 519 m (gear: bottom trawl); *Polarstern XVII/3*, sta. 102, 71°12'S 12°22'W, 323 m (gear: bottom trawl); sta. 109, 71°11'S 12°21'W, 316 m (gear: bottom trawl) (HGA *et al.* 02).

Depth range: 221-690 m.

Type-locality: South Shetland Islands: *Polarstern ANT XVII/3 (EASIZ III)*, sta. 166, King George Island, 63°09'S 59°10'W, 673 m (gear: bottom trawl) (HGA *et al.* 02).

Type specimen location: ZMH, Hamburg.

Remarks: This recently described species is very similar to *Eusirus perdentatus* and may have been confused with the

latter species.

***Eusirus laevis* Walker, 1903a**

Walker, 1903a: 55, pl. 10: figs. 70-76.

Stebbing, 1906: 729.

Monod, 1926: 54, fig. 53.

Barnard J.L., 1958e: 41.

Barnard J.L., 1961: 96, (in key).

Lowry & Bullock, 1976: 46.

Barnard & Karaman, 1991: 321.

De Broyer & Jazdzewski, 1993: 38.

Distribution:

E(P)

Bellingshausen Sea: *Belgica 1897-99*, 71°15'S 87°27'W, surface (gear: plankton net) (TM 26).

Ross Sea: no loc. (AOW 03a).

Depth range:

Type-locality: Ross Sea: no loc. (AOW 03a).

Type specimen location: NHM, London.

Remarks: Doubtful species, described from a juvenile specimen (4 mm).

***Eusirus laticarpus* Chevreux, 1906e**

Chevreux, 1906e: 49, figs. 27-29. (in part, male = *Eusirus bouvieri*).

Chilton, 1912a: 490. (*Eusirus antarcticus*, in part).

Chevreux, 1913c: 167.

Schellenberg, 1926a: 348. (*Eusirus antarcticus*, in part).

Schellenberg, 1931a: 171. (*Eusirus antarcticus*, in part).

Thurston, 1974b: 29. (*Eusirus antarcticus*, in part).

Lowry & Bullock, 1976: 45-46. (*Eusirus antarcticus*, in part).

De Broyer, 1983: 337-338, fig. 103,104,107.

Barnard & Karaman, 1991: 321.

De Broyer & Jazdzewski, 1993: 39.

? Jazdzewski *et al.*, 1996: 370. (*Eusirus cf. laticarpus*).

Takeuchi *et al.*, 2001: 653-654.

Distribution:

E+W

Enderby Land: Lützw-Holm Bay, 67°43'15"S 44°27'71"E, 353 m (gear: baited trap) (IT *et al.* 01).

Princess Ragnhild Coast: *EAB 1960-61*, sta. 129, Glacier Bay, 70°18'S 23°58'E, 216 m (CDB 83).

South Sandwich Islands: *PAMRE I*, sta. 114, 60°04'S 32°40'W, 0-400 m (CDB 83).

? South Shetland Islands: King George Island, Admiralty Bay (KJ *et al.* 96).

Marguerite Bay: 200 m (gear: dredge); south of Jenny Island: 230 m (bottom/habitat: in a sponge; gear: dredge); Alexander Island, 297 m (bottom/habitat: in a sponge; gear: dredge) (EC 13c).

Wilhelm Archipelago: Booth Island, Port Charcot, 65°04'S 64°00'W, 40 m (EC 06e).

Depth range: 0-400 m.

Type-locality: Wilhelm Archipelago: Booth Island, Port

Charcot, 65°04'S 64°00'W, 40 m (EC 06e).

Type specimen location: NMNH, Paris.

Eusirus microps Walker, 1906c

Walker, 1906c: 152.

Walker, 1907: 30. (*Eusirus propinquus*, in part, part = *Eusirus antarcticus*).

Walker, 1907: 31, pl. 11: fig. 19.

Chevreaux, 1913c: 167.

Schellenberg, 1926a: 350.

Barnard K.H., 1930: 385, fig. 47.

Barnard K.H., 1932: 191.

Stephensen, 1947a: 57.

Ruffo, 1949: 38, figs. 11, 12.

Barnard J.L., 1958e: 41.

Barnard J.L., 1961: 97, (in key).

Dearborn, 1967: 45. (eco).

Emison, 1968: 202, fig. 12, tables 10-12. (eco).

Bellan-Santini, 1972a: 186. (*Eusirus tridentatus*, fide De Broyer & Jażdżewski, 1993).

Bellan-Santini, 1972b: 687, pl. 3.

Castellanos, 1973: 16.

Arnaud, 1974: 536, 592 (eco).

Lowry & Bullock, 1976: 45-46. (*Eusirus antarcticus*, in part), 47.

Jażdżewski, 1981: 134, 135. (*Eusirus* cf. *tridentatus*) (eco).

Lincoln & Hurley, 1981: 111.

Andres, 1982: 170.

De Broyer, 1983: 343-344, figs. 108-110. (*Eusirus tridentatus*).

Hopkins, 1985b: 202-212. (eco).

Nagata, 1986b: 260-264, figs. 1-4.

Piatkowski, 1989a: 3-10.

Lancraft *et al.*, 1989: 225-233.

Siegel & Piatkowski, 1990: 373-386

Boysen-Ennen *et al.*, 1991: 227-235.

Barnard & Karaman, 1991: 321.

Klages, 1991: 49.

Jażdżewski *et al.*, 1992: 464.

De Broyer & Jażdżewski, 1993: 39.

Torres *et al.*, 1994a: 209-219. (eco, phl).

Gutt *et al.*, 2000: 76-77.

Fisher *et al.*, 2004: 349-352, table 2-7. (eco).

Distribution: **E+W+G(+P)(+Ba)**

Adélie Coast: Géologie Archipelago, 60-90 m; Cape Géodésie, 120-240 m (DBS 72a).

Antarctic Peninsula: off west coast, between 60°S 54°W and 68°S 72°W (gear: RMT) (S&P 90).

Bellingshausen Sea: *Belgica 1897-99*, 70°48'S 91°54'W (SR 49); Peter I Island, 330 m (KS 47a).

Bouvet Island: *Discovery 1925-27*, sta. 116, 50°30'S 05°34'E, 1310-1410 m (gear: tow-net) (KHB 32).

Bransfield Strait: *Discovery 1925-27*, sta. 202, 64°48'S 60°05'W, 0-5 m (gear: tow-net) (KHB 32).

Danco Coast: Paradise Harbour, 'Point Piedras', 40-50 m (ZJC 73).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 50-385 m (AS 26a).

Palmer Archipelago: *Hero*, Croker Passage, 64°05'S 62°50'W, 0-1000 m (gear: Tucker midwater trawl) (TLH 85b).

Ross Sea: McMurdo Sound, 100 m (JHD 67); *Discovery 1925-27*, Winter Quarters Bay, 18 m (AOW 06c); Cape Crozier; Beaufort Island (WBE 68).

Scotia Sea: *Walther Herwig 1977-78*, 38 sta., 0-1200 m (bottom: 192-5000 m; gear: RMT) (HGA 82).

South Shetland Islands: King George Island, Admiralty Bay, (penguin stomach) (KJ 81); 4-147 m (gear: Van Veen grab, SCUBA, Tvärminne sampler) (KJ *et al.* 92).

Weddell Sea: between 64°60'S 42°W and 66°30'S 48°W, 340-470 m (gear: Tucker midwater trawl) (TML *et al.* 89); *Polarstern ANT I*, in the summer polynia, along the shelf-ice edge from Atka Bay (8°W) to Gould Bay (43°W) and along the marginal pack ice zone ranging from Kapp Norvegia (17°W) to N. W. of Weddell Sea (51°W), 0-300 m (gear: RMT) (UP 89a); southern Weddell Sea, 0-300 m (gear: RMT) (BE *et al.* 91); eastern shelf (MK 91); 65°S 46°W, 0-100 m (gear: Tucker midwater trawl) (JJT *et al.* 94a); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 29 BP 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00); NW Weddell Sea, between 62-64°S and 44-50°W, 0-100 m (gear: multiple opening-closing net) (ECF *et al.* 04).

Wilhelm Archipelago: Petermann Island (EC 13c).

Depth range: 0-1410 m.

Type-locality: Ross Sea: *Discovery 1925-27*, Winter Quarters Bay, 18 m (AOW 06c).

Type specimen location: NHM, London.

Eusirus perdentatus Chevreaux, 1912a

Chevreaux, 1912a: 217.

Chilton, 1912a: 492, pl. 2: fig. 20. (*Eusirus splendidus*).

Chevreaux, 1913c: 163, figs. 50-52.

Schellenberg, 1926a: 350.

Barnard K.H., 1930: 386, fig. 46c.

Schellenberg, 1931a: 172.

Barnard K.H., 1932: 189, fig. 115.

Nicholls, 1938: 98.

Stephensen, 1947a: 57.

Ruffo, 1949: 35, figs. 11, 12.

Dahl, 1954: 292.

Barnard J.L., 1958e: 41.

Barnard J.L., 1961: 96, (in key).

Dearborn, 1967: 45. (eco).

Emison, 1968: 202, fig. 12, tables 10-12. (eco).

Bellan-Santini, 1972a: 186.

Arnaud, 1974: 536, 592. (eco).

Lowry & Bullock, 1976: 47.

Lincoln & Hurley, 1981: 111, 114, fig. 4b.

Andres, 1982: 171.

De Broyer, 1983: 340-341.

Lincoln, 1985: 921-927, figs. 1-3.

Hopkins, 1985b: 197-212.

Arnaud *et al.*, 1986: 16, tab.I.
 Voss, 1988: 54. (in part, part = *Eusirus giganteus*).
 Andres, 1990: 136, fig. 269.
 Barnard & Karaman, 1991: 321.
 Klages, 1991: 49. (in part, part = *Eusirus giganteus*).
 Ren & Huang, 1991: 213, fig. 16.
 Rauschert, 1991: 20-36.
 Arntz *et al.*, 1992: 225. (in part, part = *Eusirus giganteus*).
 Jazdzewski *et al.*, 1992: 464.
 De Broyer & Jazdzewski, 1993: 39.
 Klages, 1993: 349-359. (in part, part = *Eusirus giganteus*).
 Jazdzewski *et al.*, 1996: 370.
 Vinogradov G.M., 1999: 1160, fig. 4.6.
 De Broyer *et al.*, 1999: 165.
 Emison, 2000: 6-22, figs. 2-11.
 Gutt *et al.*, 2000: 76-77.
 Dauby *et al.*, 2001a: 69-86. (eco).
 Dauby *et al.*, 2001b: 657-662. (eco).
 De Broyer *et al.*, 2001: 744-753. (eco).
 Graeve *et al.*, 2001: 853-862. (eco).
 Nyssen *et al.*, 2002: 280-287. (eco).
 Lovell & Trego, 2003: 1814-1815, table 9.

Distribution:**E+W(+Ba)**

Adélie Coast: *Aurora 1912-14*, sta. 1, Commonwealth Bay, 108-720 m; sta. 7, Commonwealth Bay, 109 m (GEN 38); Géologie Archipelago, 70-90 m; Cape Géodésie, 150-250 m (DBS 72a).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Prydz Bay: 39 sta., 109-787 m (WBE 00).

Oates Coast: *Terra Nova 1910*, sta. 194, 329-366 m (KHB 30).

Palmer Archipelago: Port Lockroy, 60-70 m (EC 12a), 90 m (KS 47a); *Discovery 1925-27*: sta. 180, Schollaert Channel, off Gand Island, 160 m (bottom/habitat: mud, stones; gear: large heavy dredge); sta. 181, Schollaert Channel, 160-335 m (bottom/habitat: mud; gear: nets); sta. 186, Anvers Island, Fournier Bay, 295 m (bottom/habitat: mud; gear: large heavy dredge); sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stones, mud, rock; gear: large heavy dredge, large rectangular net) (KHB 32); Croker Passage, *Hero*, 64°05'S 62°50'W, 0-1000 m (gear: Tucker midwater trawl) (TLH 85b).

Ross Sea: (no loc.) (ED 54); McMurdo Sound, 500 m (JHD 67); *Terra Nova 1910*: sta. 316, McMurdo Sound, 348-457 m; sta. 338, 379 m; sta. 355, 547 m (KHB 30); Cape Crozier; Beaufort Island (WBE 68).

Scotia Sea: 0-2000 m (GV 99).

Southern Ocean: Indian Sector, 65°18'S 80°27'E, 0-2000 m (AS 26a).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, *Scotia* Bay, 97 m (CC 12a); *Discovery 1925-27*, sta. 167, Signy Island, 244-344 m (bottom/habitat: green mud; gear: nets) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32); King George Island, Fildes Strait; Maxwell Bay, 5- 10 m (MR

91); *Discovery 1925-27*, sta. 195, Admiralty Bay, 62°07'S 58°28'W, 391 m (bottom/habitat: mud, stones; gear: nets) (KHB 32); 62°07.5'S 57°57'W, 400 m; 62°10.8'S 58°20'W, 520 m; 62°51.6'S 58°07.5'W, 654 m; 63°22.5'S 60°34.3'W, 478 m; 62°51.6'S 61°06'W, 302 m (R&H 91); King George Island, 62°16'S 60°38'W, 160 m (gear: otter trawl) (L&T 03).

Weddell Sea: western part, 65°19'S 56°48'W, 400 m (bottom/habitat: clay, gravel) (AS 31a); eastern shelf (MK 91, MK 93; CDB *et al.* 99), *Polarstern ANT XIII/3 (EASIZ I)*: sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl); sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 06 AGT 09, Kapp Norvegia, 71°32.10'S 13°44.10'W, 362 m (gear: Agassiz trawl); sta. 09 BT 03, Kapp Norvegia, 71°34.00'S 12°25.80'W, 604 m (gear: bottom trawl); sta. 09 AGT 10, Kapp Norvegia, 71°34.70'S 12°26.60'W, 560 m (gear: Agassiz trawl); sta. 09 AGT 11, Kapp Norvegia, 71°32.60'S 12°26.30'W, 570 m (gear: Agassiz trawl); sta. 09 DR 22, Kapp Norvegia, 71°34.70'S 12°26.60'W, 560 m (gear: small dredge); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 12 BT 05, South of Vestkapp, 73°18.10'S 21°10.10'W, 459 m (gear: bottom trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl); sta. 16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl); sta. 29 BP 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00); eastern Weddell Sea shelf (PD *et al.* 01a; FN *et al.* 02); 100-928 m (CDB *et al.* 01).

Depth range: 0-928 (2000) m.

Type-locality: Palmer Archipelago: Port Lockroy, 60-70 m (EC 12a).

Type specimen location: MNHN, Paris; RSM, Edinburgh (*Eusirus splendidus*).

Remarks: Fide Andres *et al.* (2002), part of the specimens identified to *E. perdentatus* may belong to *E. giganteus*.

***Eusirus propeperdentatus* Andres, 1979b**

Andres, 1979b: 91-94, figs. 1-2.

Lowry & Bullock, 1976: 47. (*Eusirus perdentatus*, in part).

Opaliński & Jazdzewski, 1978: 643-655. (*Eusirus perdentatus*).

Jazdzewski, 1981: 135. (eco).

Andres, 1982: 171.

De Broyer, 1983: 339-342, table 13.

Hopkins, 1985a: 167. (eco).

Hopkins, 1985b: 197-212. (eco).

Voss, 1988: 54.

Piatkowski, 1989a: 1-10.

Klages & Gutt, 1990a: figs. 1-3.

Siegel & Piatkowski, 1990: 373-386

Boysen-Ennen *et al.*, 1991: 227-235.

Barnard & Karaman, 1991: 321.

Klages, 1991: 49.

Jażdżewski *et al.*, 1992: 464.

De Broyer & Jażdżewski, 1993: 39.

Torres *et al.*, 1994a: 207-219.

Jażdżewski *et al.*, 1996: 370.

Vinogradov G.M., 1999: 1160, fig. 4.7.

Emison, 2000: 22-36, figs. 12-18.

Gutt *et al.*, 2000: 76-77.

Distribution:

An(P)

Antarctic Peninsula: off west coast, between 60°S 54°W and 68°S 72°W (gear: RMT) (S&P 90).

Bransfield Strait: 62°07'S 56°12'W, 580 m (gear: krill trawl) (O&J 78).

Palmer Archipelago: Croker Passage, 64°05'S 62°50'W, 0-1000 m (gear: Tucker midwater trawl) (TLH 85a,b).

Prydz Bay: 21 sta; , 5-800 m. (WBE 00).

Scotia Sea: 0-1200 m (GV 99).

South Shetland Islands: *Walther Herwig 1975-76*, sta. 168, south of Elephant Island, 61°30'S 55°00'W, 50-610 m (bottom: 620-1550 m)(HGA 79b, HGA 82); King George Island, Admiralty Bay, (bottom/habitat: in penguin stomach) (KJ 81); 61°58.6'S 62°07.7'W, and 56°16.7'S 56°12.3'W, 0-580 m (CDB 83).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); *Polarstern ANT I*, in the summer polynia, along the shelf-ice edge from Atka Bay (8°W) to Gould Bay (43°W) and along the marginal pack ice zone ranging from Kapp Norvegia (17°W) to N. W. of Weddell Sea (51°W), 0-300 m (gear: RMT) (UP 89a); southern Weddell Sea, 0-300 m (gear: RMT) (BE *et al.* 91); eastern shelf (MK 91); 65°S 46°W, 0-100 m (gear: Tucker midwater trawl) (JJT *et al.* 94a); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 29 BP 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00).

Depth range: 0-1200 m.(epi- and mesopelagic).

Type-locality: South Shetland Islands: *Walther Herwig 1975-76*, sta. 168, 61°30'S 55°00'W, 50-610 m (bottom 620-1550 m) (HGA 79b).

Type specimen location: ZMH, Hamburg.

***Eusirus* sp. Puddicombe & Johnstone, 1988**

Puddicombe & Johnstone, 1988: 245 (*Eusirus* sp. nov.).

Distribution:

E

Prydz Bay: Vestfold Hills, Magnetic Island (in stomach contents of *Pygoscelis antarctica*) (P&J 88).

Depth range:

***Harcledo curvidactyla* (Pirlot, 1929b)**

Pirlot, 1929b: 10, figs. 1-3. (*Eusiroides curvidactyla*).

Pirlot, 1934: 222. (*Meteusiroides curvidactyla*).

Stephensen, 1933b: 38. (*Eusiroides curvidactyla*).

Birstein & Vinogradov, 1955: 268. (*Meteusiroides plumipes*).

Barnard J.L., 1964c: 60. (gen. rem.). (*Meteusiroides plumipes*).

Birstein & Vinogradov, 1964: 177. (*Meteusiroides curvidactyla*).

Vinogradov G., 1990: 49. (*Meteusiroides curvidactyla*).

Barnard & Karaman, 1991: 323.

Vinogradov & Vinogradov, 1993: 131-132. (*Meteusiroides curvidactyla*).

Vinogradov G., 1999: 1146, 1161, figs. 4.8.

Distribution:

An++(P)

South Orkney Islands: South Orkney Trench, *Dimitri Mendeleev*, sta. 4086, 60°50'S 41°10'W, 6130-6420 m (bottom/habitat: bycatch in the water column; gear: Sigsby trawl 2.5 m); sta. 4089, 60°46'S 41°03'W, 5063-5470 m (bottom/habitat: bycatch in the water column; gear: Sigsby trawl 2.5 m) (V&V 93).

Depth range: 5063-6420 m (abyssopelagic).

Type-locality: North Atlantic, off Portugal, 37°34'N 10°32'W, 2500 m wire out (gear: plankton net 3 m. diam.).

Extralimital distribution: Panoceanic: North Atlantic; N-W part of Pacific Ocean; Equatorial Eastern Pacific (Peru); Indian Ocean.

Extralimital depth range: 500- 6000 m (bathy-abyssopelagic).

Type specimen location: ZMA, Amsterdam; MUG, Moscow (*Meteusiroides plumipes*).

***Rhachotropis anoculata* J.L. Barnard, 1962d**

Barnard J.L., 1962d: 68, figs. 64, 65, table 10. (*Rhachotropis anoculatus*).

Lowry & Bullock, 1976: 65.

Barnard & Karaman, 1991: 338.

De Broyer & Jażdżewski, 1993: 45.

Gutt *et al.*, 2000: 76-77.

Distribution:

E(Ba+Ab)

Scotia Sea: East Scotia Basin, *Vema 14*, sta. 46, 55°19'S 37°57'W, 3725 m (gear: small benthic trawl) (JLB 62d).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 30 AGT 12, Kapp Norvegia, 70°05.30'S 08°20.00'W, 2315 m (gear: Agassiz trawl); sta. 30 DR 24, off Kapp Norvegia, 70°05.30'S 08°20.00'W, 2315 m (gear: small dredge) (JG *et al.* 00).

Depth range: 2315-3725 m.

Type-locality: Scotia Sea: East Scotia Basin, *Vema 14*, sta. 46, 55°19'S 37°57'W, 3725 m (gear: small benthic trawl) (JLB 62d).

Type specimen location: LGOC, New York.

***Rhachotropis antarctica* K.H. Barnard, 1932**

Barnard K.H., 1932: 194.

Barnard J.L., 1957c: 15 (in key).

Barnard J.L., 1958e: 41.

Lowry & Bullock, 1976: 65.

Andres, 1982: 174.

Voss, 1988: 54.
 Barnard & Karaman, 1991: 338.
 Klages, 1991: 49.
 Ren & Huang, 1991: 225, fig. 23.
 De Broyer & Jazdzewski, 1993: 45.
 De Broyer *et al.*, 1999: 165.
 De Broyer & Rauschert, 1999: 284, table 1.
 Gutt *et al.*, 2000: 76-77.
 Dauby *et al.*, 2001a: 69-86. (eco).
 Dauby *et al.*, 2001b: 657-662. (eco).

Distribution: **E+W+G+M(+P?)**

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Falkland Islands: *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (gear: large heavy dredge, large otter trawl, nets)(KHB 32).

Palmer Archipelago: *Discovery 1925-27*, sta. 181, Schollaert Channel, 166-335 m (bottom/habitat: mud; gear: nets); sta. 182, Schollaert Channel, 278-500 m (bottom/habitat: mud; gear: nets); sta. 187, Neumayer Channel, 259 m (bottom/habitat: mud; gear: large heavy dredge); sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stones, mud, rock; gear: large heavy dredge, large rectangular net) (KHB 32); *Walther Herwig 1977-78*, sta. 434, 64°00'S 64°30'W, 100-382 m (bottom: 385 m; gear: RMT) (HGA 82).

South Georgia: *Discovery 1925-27*, sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk) (KHB 32).

South Orkney Islands: *Discovery 1925-27*, sta. 167, off Signy Island, 244-344 m (bottom/habitat: green mud; gear: nets) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32); *Walther Herwig 1977-78*, sta. 376, 61°29'S 56°03'W, 145-323 m (bottom: 325 m; gear: RMT) (HGA 82); 63°22.5'S 60°34.3'W, 478 m (R&H 91).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91; CDB *et al.* 99), *Polarstern ANT XIII/3 (EASIZ I)*: sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 06 AGT 03, Kapp Norvegia, 71°27.40'S 13°43.30'W, 212 m (gear: Agassiz trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl); sta. 26 DR 20, Kapp Norvegia, 71°29.30'S 14°18.60'W, 216 m (gear: small dredge); sta. 26 DR 21, Kapp Norvegia, 71°29.30'S 14°19.50'W, 210 m (gear: small dredge) (JG *et al.* 00); eastern shelf (PD *et al.* 01a).

Depth range: 90-500 m.

Type-locality: South Orkney Islands: *Discovery 1925-27*, sta. 167, off Signy Island, 244-344 m (bottom/habitat: green mud; gear: nets) (KHB 32).

Type specimen location: NHM, London.

***Rhachotropis hunteri* Nicholls, 1938**

Nicholls, 1938: 98, fig. 51.
 Barnard J.L., 1957c: 15, (in key).
 Barnard J.L., 1958e: 41.
 Lowry & Bullock, 1976: 65.
 Lowry, 1982: 320.
 Barnard & Karaman, 1991: 338.
 De Broyer & Jazdzewski, 1993: 45.
 Gutt *et al.*, 2000: 76-77.

Distribution: **E(+P?)**

Davis Sea: *Aurora 1912-14*, sta. 8, no loc., 216 m (GEN 38).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*: sta. 04 MG 20, Kapp Norvegia, 71°41.20'S 12°30.80'W, 438 m (gear: multibox corer); sta. 06 AGT 03, Kapp Norvegia, 71°27.40'S 13°43.30'W, 212 m (gear: Agassiz trawl); sta. 29 BP 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl); (JG *et al.* 00).

Depth range: 212-504 m.

Type-locality: Davis Sea: *Aurora 1912-14*, sta. 8, no loc., 216 m (GEN 38).

Type specimen location: AM, Sydney.

***Rhachotropis kergueleni* Stebbing, 1888**

Stebbing, 1888: 955, pl. 85.
 Della Valle, 1893: 612, pl. 59: fig. 24. (*Acanthozone kergueleni*).
 Stebbing, 1906: 349.
 Barnard K.H., 1916: 178.
 ? Stephensen, 1944c: 15-16, fig. 8. (*Rhachotropis ?kergueleni*)
 Barnard J.L., 1957c: 15 (in key).
 Barnard J.L., 1958e: 42.
 Mills, 1972a: 75, table 1.
 Griffiths, 1975: 119.
 Lowry & Bullock, 1976: 65.
 Barnard & Karaman, 1991: 338.
 ? Palerud & Vader, 1991: 21.
 De Broyer & Jazdzewski, 1993: 46.

Distribution: **S+**

Iles Kerguelen: *Challenger 1873-76*, no loc. (TRS 88).

Depth range:

Type-locality: Iles Kerguelen: *Challenger 1873-76*, no loc. (TRS 88).

Extralimital distribution: South Africa.

Extralimital depth range:

Type specimen location: NHM, London.

***Rhachotropis schellenbergi* Andres, 1982**

Andres, 1982: 174-183, fig. 12-15b.
 Schellenberg, 1931a: 173. (*Rhachotropis* sp.).
 Lowry & Bullock, 1976: 65. (*Rhachotropis* sp.).
 De Broyer & Jazdzewski, 1993: 46.

Costanzo & Crescenti, 1997: 31-34, fig. 3.5.1-3.

Distribution:

W+M(+P)

Magellan area: Bahia Harris, 27 m (bottom/habitat: shells) (AS 31a); Estrecho de Magallanes, Paso Ancho, 50-200 m (Co&C 97).

South Shetland Islands: *Walther Herwig 1977-78*, sta. 376, 61°29'S 56°03'W, 145-323 m (bottom: 325 m; gear: RMT); sta. 210, 63°22'S 54°10'W, 0-223 m (bottom: 235 m; gear: RMT); sta. 327, 63°35'S 54°36'S, 165-215 m (bottom: 225 m; gear: RMT); sta. 384, 61°15'S 54°16'W, 0-145 m (bottom: 180 m; gear: RMT); sta. 453, 61°29'S 56°52'W, 0-140 m (bottom: 460 m; gear: RMT) (HGA 82).

Depth range: 0-323 m.

Type-locality: South Shetland Islands: *Walther Herwig 1977-78*, sta. 376, 61°29'S 56°03'W, 145-323 m (bottom: 325 m; gear: RMT) (HGA 82).

Type specimen location: ZMH, Hamburg.

Family GAMMARELLIDAE Bousfield, 1977

[Bousfield, 1977: 309; Barnard J.L., 1989: 701-703. See also Barnard & Barnard, 1983: 594]

***Austroregia batei* (Cunningham, 1871)**

Cunningham, 1871: 498, pl. 59: fig. 9. (*Atylus ?batei*).

Stebbing, 1906: 292. (*Halirages batei*).

Barnard J.L., 1958e: 33, (dubious species). (*Halirages batei*).

Lowry & Bullock, 1976: 51.

Barnard J.L., 1989: 704. (*?Atylus batei*).

Barnard & Karaman, 1991: 309, 322 (gen. rem.), 391.

Gonzalez, 1991a: 55.

De Broyer & Jażdżewski, 1993: 47.

Distribution:

M

Magellan area: Estrecho de Magallanes, Bahia Posession (ROC 71).

Depth range:

Type-locality: Magellan area: Estrecho de Magallanes, Bahia Posession (ROC 71).

Type specimen location: NHM, London.

***Austroregia huxleyana* (Bate, 1862)**

Bate, 1862: 135, pl. 25: fig. 4. (*Atylus huxleyanus*).

Cunningham, 1871: 498. (*Atylus huxleyanus*).

Della Valle, 1893: 612, pl. 59: fig. 23. (*Acanthozone huxleyana*).

Stebbing, 1914b: 362. (*Halirages huxleyanus*).

Schellenberg, 1931a: 176, pl. 1: fig. k. (*Halirages huxleyanus*).

Barnard K.H., 1932: 159, fig. 93. (*Halirages huxleyanus*).

Barnard J.L., 1958e: 33. (*Halirages huxleyanus*).

Non Stebbing, 1888: 334, 902, pl. 73. (*Halirages huxleyanus* = *Halirages regis*).

Non Stebbing, 1906: 291. (*Halirages huxleyanus* = *Halirages regis*).

Lowry & Bullock, 1976: 51. (*Halirages huxleyanus*).

Alonso, 1980: 10, pl. 7. (*Halirages stebbingi*)

Lopez Gappa *et al.*, 1982, table 1. (*Halirages stebbingi*)

Barnard J.L., 1989: 701-709, figs. 2-4.

Barnard & Karaman, 1991: 391.

Gonzalez, 1991a: 55.

De Broyer & Jażdżewski, 1993: 47.

Adami & Gordillo, 1999: 186. (*Austroregia regis*)

De Broyer & Rauschert, 1999: 284, table 1.

Distribution:

M

Falkland Islands: Berkeley Sound, 25 m (bottom/habitat: sand, stones) (AS 31a); *Discovery 1925-27*, sta. 53, Port Stanley 0-2 m; sta. 55, entrance to Port Stanley, 10-16 m (gear: small beam trawl); sta. 56, Port William, Sparrow Cove, 10-16 m (gear: small beam trawl) (KHB 32).

Magellan area: Isla Hermite (CSB 62); Estrecho de Magallanes (ROC 71); Isla Nueva, 54 m; Caleta Lennox, 18-45 m; Porvenir (AS 31a); Santa Cruz, Ria Deseado (GMA 80; JLG *et al.* 82); southern Tierra del Fuego, Beagle Channel (A&G 99).

Depth range: 18-54 m.

Type-locality: Magellan area: Isla Hermite (CSB 62).

Type specimen location: NHM, London.

***Austroregia regis* (Stebbing, 1914b)**

Stebbing, 1914b: 362, pl. 8. (*Bovallia regis*).

Stebbing, 1888: 334, 902, pl. 73. (*Halirages huxleyanus*).

Stebbing, 1906: 291. (*Halirages huxleyanus*).

Schellenberg, 1931a: 176, pl. 1: fig. l. (*Halirages stebbingi*).

Barnard K.H., 1932: 161, fig. 94. (*Halirages regis*).

Barnard J.L., 1958e: 33. (*Halirages regis*).

Barnard J.L., 1958e: 33. (*Halirages stebbingi*).

Lowry & Bullock, 1976: 51-52. (*Halirages regis*).

Lowry & Bullock, 1976: 52. (*Halirages stebbingi*).

Barnard J.L., 1989: 709-714, figs. 5-7.

Barnard & Karaman, 1991: 310, 322 (gen. rem.), 391.

Gonzalez, 1991a: 55.

De Broyer & Jażdżewski, 1993: 47.

De Broyer & Rauschert, 1999: 284, table 1.

Chiesa *et al.*, 2005: 170.

Distribution:

M

Falkland Islands: *Challenger 1873-76*, Roy Cove, Port Stanley, 51°40'S 57°35'W (bottom/habitat: from the kelp) (TRS 88); Berkeley Sound, 25 m (bottom/habitat: sand, stones); Port Louis, 7 m (bottom/habitat: mud) (AS 31a); *Discovery 1925-27*, sta. 56, Port William, Sparrow Cove, 10-16 m (gear: small beam trawl) (KHB 32).

Magellan area: Isla Nueva, 54 m (bottom/habitat: shells); Puerto Stewart, 36 m (bottom/habitat: Florideae, coralline); Caleta Lennox (bottom/habitat: among kelp); Caleta Lennox, 18-36 m (bottom/habitat: Florideae); Isla Lennox, 18-45 m; Puerto Eugenia, 18-27 m (bottom/habitat: clay, algae); Porvenir, 11-18 m; Puerto Condor, 90 m (bottom/habitat: rocks, ascidians, sponges); Bahia Ushuaia (bottom/habitat: among kelp); 'Lagotowia', 18 m (bottom/habitat: fine blackish clay)

(AS 31a); Estrecho de Magallanes (EG 91a); southern Tierra del Fuego, Ushuaia (ILC *et al.* 05).

Depth range: 7-90 m.

Type-locality: Falkland Islands: *Challenger 1873-76*, Roy Cove; Port Stanley, 51°40'S 57°35'W (bottom/habitat: from the kelp) (TRS 88).

Type specimen location: NHM, London.

***Chosroes decoratus* K.H. Barnard, 1932**

Barnard K.H., 1932: 158, fig. 92.

Stephensen, 1947a: 51. (*Chosroes ?decoratus*).

Barnard J.L., 1958e: 33.

Barnard J.L., 1969c: 219.

Lowry & Bullock, 1976: 42.

Andres, 1982: 160-161, fig. 1. (eco).

Barnard J.L., 1989: 702, fig. 1b.

Barnard & Karaman, 1991: 314.

De Broyer & Jazdzewski, 1993: 48.

Distribution: **W(+Ba)**

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32); Elephant Island, 600 m (KS 47a); *Walther Herwig 1977-78*, sta. 376, 61°29'S 56°03'W, 145-323 m (bottom: 325 m; gear: RMT) (HGA 82).

Depth range: 323-600 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.

***Chosroes incisus* Stebbing, 1888**

Stebbing, 1888: 1209, pls. 134, 135.

Della Valle, 1893: 614, pl. 59: fig. 26. (*Acanthozone incisus*).

Stebbing, 1906: 287.

Barnard K.H., 1930: 369, fig. 38.

Schellenberg, 1931a: 175.

Barnard K.H., 1932: 157.

Barnard J.L., 1958e: 33.

Barnard J.L., 1969c: 219.

Lowry & Bullock, 1976: 42.

Lincoln & Hurley, 1981: 111, fig. 3e.

Barnard & Karaman, 1991: 313-314.

Gonzalez, 1991a: 54.

De Broyer & Jazdzewski, 1993: 48.

Distribution: **G+M**

Burdwood Bank: 53°45'S 61°10'W, 140-150 m (bottom/habitat: gravel, stones, shells) (AS 31a).

Falkland Islands: *Terra Nova 1910*, sta. 38, west of Falkland Islands, 229 m (KHB 30); *Discovery 1925-27*: sta. 51, off Eddystone Rock, 105-115 m (gear: large heavy dredge, large otter trawl, nets); sta. WS 72, 50°07'S 57°34'W, 95 m (bottom/

habitat: sand, shells; gear: commercial otter trawl, nets); sta. WS 92, 51°58'S 65°01'W, 143-145 m (bottom/habitat: fine dark sand, stones; gear: nets) (KHB 32); 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

Magellan area: *Challenger 1873-76*: sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom: sand; gear: trawl); sta. 314, off Cabo Virgenes, 51°35'S 65°39'W, 128 m (bottom: sand; gear: trawl) (TRS 88); Bahia Ushuaia (bottom/habitat: among kelp) (AS 31a); Estrecho de Magallanes (EG 91a).

Shag Rocks: 53°34'S 43°23'W, 160 m (bottom/habitat: sand, gravel) (AS 31a).

Depth range: 95-229 m.

Type-locality: Magellan area: *Challenger 1873-76*: sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom: sand; gear: trawl); sta. 314, off Cabo Virgenes, 51°35'S 65°39'W, 128 m (bottom: sand; gear: trawl) (TRS 88).

Type specimen location: NHM, London.

Family PONTOGENEIIDAE Stebbing, 1906

[Bousfield & Hendrycks, 1995a]

***Antarctogeneia macrodactyla* Thurston, 1974b**

Thurston, 1974b: 21, figs. 6, 7.

Thurston, 1974a: 87, fig. 32e-g. (*Eusiridae* gen. et sp. indet.).

Lowry & Bullock, 1976: 39.

Barnard & Karaman, 1991: 304.

De Broyer & Jazdzewski, 1993: 36.

Distribution: **W**

Marguerite Bay: Stonington Island, 64 m (MHT 74b).

Palmer Archipelago: Port Lockroy, Lecuyer Point, Peltier Channel, 18 m (MHT 74b).

South Orkney Islands: Signy Island, Borge Bay, 2-10 m (MHT 74a).

Depth range: 2-64 m.

Type-locality: Marguerite Bay: Stonington Island, 64 m (MHT 74b).

Palmer Archipelago: Port Lockroy, Lecuyer Point, Peltier Channel, 18 m (MHT 74b).

South Orkney Islands: Signy Island, Borge Bay, 2-10 m (MHT 74a).

Type specimen location: NHM, London.

***Atyloella dentata* K.H. Barnard, 1932**

Barnard K.H., 1932: 202, figs. 118e, 122.

Barnard J.L., 1958e: 123.

Bellan-Santini & Ledoyer, 1974: 652.

Lowry & Bullock, 1976: 39.

Barnard & Karaman, 1991: 308.

De Broyer & Jazdzewski, 1993: 36.

Chiesa *et al.*, 2005: 170.

Distribution: **M**

Falkland Islands: *Discovery 1925-27*, sta. 51, East Falkland

Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets) (KHB 32).

Magellan area: *Discovery 1925-27*, sta. WS 79, 51°01'S 64°59'W, 131-132 m (bottom/habitat: fine dark sand; gear: nets) (KHB 32); southern Tierra del Fuego, Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Depth range: 15-132 m.

Type-locality: Falkland Islands: *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets) (KHB 32).

Type specimen location: NHM, London.

Atyloella magellanica (Stebbing, 1888)

Stebbing, 1888: 925, pl. 79. (*Atylopsis magellanicus*).

Della Valle, 1893: 701. (*Atylus magellanicus*).

Stebbing, 1906: 360. (*Pontogeneia magellanica*).

Non Chevreux, 1906e: 64, figs. 37-39. (*Pontogeneia magellanica* = *Paramoera edouardi*).

Non Walker, 1907: 33, pl. 12: fig. 20. (*Pontogeneia magellanica* = *Prostebbingia serrata*).

Non Chilton, 1909b: 627. (*Atyloides magellanica* = ? *Paramoera chevreuxi*).

Non Chilton, 1912a: 496, pl. 1: fig. 18. (*Atyloides magellanica* = *Paramoera edouardi* in part, part = *Gondogeneia antarctica*).

Non Chevreux, 1913c: 178. (*Atyloides magellanicus* = *Paramoera edouardi*).

Non Shoemaker, 1914: 75. (*Atyloides magellanica*).

? Stebbing, 1914b: 365, (questioned by Schellenberg, 1926a; Nicholls, 1938). (? *Atyloides magellanicus*).

Schellenberg, 1926a: 360, fig. 55. (*Atyloides magellanica*).

Stephensen, 1927e: 325. (*Atyloides magellanicus*).

Schellenberg, 1929c: 279.

Schellenberg, 1931a: 191.

Barnard K.H., 1932: 201, fig. 118g.

Schellenberg, 1935a: 232.

Nicholls, 1938: 110.

Stephensen, 1947a: 63.

Barnard J.L., 1958e: 123.

? Castellanos & Perez, 1963: 10, table 5, fig. 17a. (*Pontogeneia magellanica*, in part, part = *Paramoera edouardi*, questioned by Thurston, 1974a).

Castellanos, 1973: 11.

Castellanos, 1973: 17. (*Pontogeneia magellanica*).

Arnaud, 1974: 525 (eco). (*Pontogeneia magellanica*).

Arnaud, 1974: 553, 556, tables 17, 18 (eco).

Bellan-Santini & Ledoyer, 1974: 652, pl. 7a.

Thurston, 1974a: 57.

Thurston, 1974b: 24.

Truchot, 1974: 21.

Lowry & Bullock, 1976: 39-40.

Bellan-Santini & Ledoyer, 1987: 370-371.

Barnard & Karaman, 1991: 308.

Branch *et al.*, 1991: 20, 39-40, fig. on p.20.

Jażdżewski *et al.*, 1991: 110.

Jażdżewski *et al.*, 1992: 468.

Jażdżewski *et al.*, 1996: 370.

Klages, 1991: 49.

De Broyer & Jażdżewski, 1993: 36.

De Broyer & Rauschert, 1999: 283, table 1.

Olaso *et al.*, 2000: 143-158. (eco).

Gutt *et al.*, 2000: 76-77.

Chiesa *et al.*, 2005: 170.

Distribution:

E+W+G+S+M+(+Ba)

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 45m; *Aurora 1912-14*, sta. 2, 527-549 m (GEN 38).

Bransfield Strait: *Discovery 1925-27*, sta.175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Danco Coast: Spring Point, tide pool (C&P 63); Paradise Harbour, Coughtrey Peninsula, 0.3 m, 'Cape Hernan', 15-22 m (ZJC 73).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Falkland Islands: ? Whales Bay (TRS 14b); Sparrow Cove, 11-16 m; Port Stanley, 1-2 m (KHB 32); Port Stanley, 2 m (bottom/habitat: among kelp holdfasts); East Falkland Island, Port William, 40 m (bottom/habitat: sand, stones, algae); 53°41'S 61°09'W, 140-150 m (bottom/habitat: shells, stones); 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

Iles Kerguelen: no loc. (JPT 74); Golfe du Morbihan, 15 m, Port Jeanne-d'Arc, 14-17 m (BS&L 74).

Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 102 m (bottom: sand; gear: trawl) (TRS 88); Canal Beagle, 100 m (bottom/habitat: shells); Isla Nueva, 14 m; Punta Arenas, 0 m (bottom/habitat: sandy beach, stones); Punta Arenas, 27 m (bottom/habitat: shells); Porvenir, 11-18 m (bottom/habitat: algae); Puerto Hope, 11-18 m (bottom/habitat: rock, algae); Cabo Valentina, 270 m; Isla Larga, Canal Smith, 14 m; Isla Picton, Banner Cove, 5 m (bottom/habitat: among kelp holdfasts) (AS 31a); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Isla Gable, 54°54'S 67°21'W, 15-25 m (gear: dredge); Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Marion and Prince Edward Island: *Marion Dufresne 08*: sta. 12 BB 79, 46°52.8'S 37°52.5'E, 45 m; sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 18 RK 109, 138 m; sta. 21 DC 118, 46°53.3'S 37°52.8'E, 50 m (bottom/habitat: black sand); sta. 22 BB 125, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand); sta. 26 CP 135, 46°50.6'S 38°00.6'E, 135-145 m; sta. 32 DC 142, 46°59'S 37°46.8'E, 83-100 m (bottom/habitat: sand, gravel, blocks); sta. 34 DC 167, 46°50.2'S 37°51.2'E, 115 m (bottom/habitat: compact mud); sta. 34 BB 168, 46°50.2'S 37°51.2'E, 110 m (bottom/habitat: compact mud); sta. 35 DC 170, 46°39.7'S 38°00.3'E, 53 m (bottom/habitat: gravel, blocks) (BS&L 87);

0-140 m (MLB *et al.* 91).

Palmer Archipelago: *Discovery 1925-27*, sta. 179, Schollaert Channel, Melchior Island, 4-10 m (bottom/habitat: rock; gear: small dredge) (KHB 32); Port Lockroy, Lecuyer Point, Peltier Channel, low tide-18 m (MHT 74b).

South Georgia: *Discovery 1925-27*: sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl); sta. MS 71, Cumberland East Bay, 110-60 m (gear: small beam trawl, tow-net of coarse silk); sta. MS 74, Cumberland East Bay, 22-40 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, shore pools (CC 12a); Signy Island, Borge Bay, 1-20 m, Paal Harbour, 5-25 m (MHT 74a).

South Shetland Islands: *Discovery 1925-27*, sta. 173, Deception Island, Port Foster, 5-60 m (gear: tow-net of coarse silk) (KHB 32); Deception Island, 75 m (KS 47a); King George Island, Admiralty Bay, 20-30 m (gear: SCUBA, with Tvarminne sampler) (KJ *et al.* 91).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*: sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 06 AGT 09, Kapp Norvegia, 71°32.10'S 13°44.10'W, 362 m, (gear: Agassiz trawl); sta. 24 AGT 06, Kapp Norvegia, 71°08.15'S 11°32.25'W, 123 m (gear: Agassiz trawl) (JG *et al.* 00).

Depth range: 0-540 m.

Type-locality: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom: sand; gear: trawl) (TRS 88).

Extralimital distribution: Chile.

Extralimital depth range:

Type specimen location: NHM, London.

***Atyloella tribinicuspidata* Rauschert 2006**

Rauschert, 2006: 147-151.

Distribution:

W

Bouvet Island: *Polarstern ANT XXI/2 (BENDEX)*, sta. 19, 54°30.09'S 003°14.13'E, 247-259 m (gear: Agassiz trawl, dredge); sta. 20, 54°36.95'S 003°12.42'E, 550-553 m (gear: Agassiz trawl, dredge); sta. 28, 54°22.49'S 003°17.58'E, 122-134 m (gear: Agassiz trawl, dredge); sta. 29, 53°31'S 003°13.05'E – 54°31.51'S 003°12.84'E, 365-377 m (bottom: volcanic rock; associated catch: Porifera, Gorgonaria, Bryozoa, Echinoidea; gear: Agassiz trawl, dredge). (MR 06).

Depth range: 122-553 m.

Type-locality: Bouvet Island, *Polarstern ANT XXI/2 (BENDEX)*, sta. 29, 53°31'S 003°13.05'E – 54°31.51'S 003°12.84'E, 365-377 m (bottom: volcanic rock; associated catch: Porifera, Gorgonaria, Bryozoa, Echinoidea; gear: Agassiz trawl, dredge) (MR 06).

Type specimen location: ZMB, Berlin.

***Atyloella quadridens* (K.H. Barnard, 1930)**

Barnard K.H., 1930: 387. (*Atyloides quadridens*).

Schellenberg, 1931a: 192, fig. 98.

Barnard J.L., 1958e: 123.

Bellan-Santini & Ledoyer, 1974: 652.

Lowry & Bullock, 1976: 40.

Barnard & Karaman, 1991: 308.

Rauschert, 1991: 20-36.

De Broyer & Jazdzewski, 1993: 36.

De Broyer *et al.*, 1999: 165.

Distribution:

E+W

Ross Sea: *Terra Nova 1910*, sta. 331, McMurdo Sound, 457 m (KHB 30).

Trinity Peninsula: Seymour Island (bottom/habitat: sand, gravel) (AS 31a).

South Shetland Island: King George Island, Maxwell Bay, 25-35 m (bottom/habitat: rocks, with current; with macroalgae, a.o. *Lithothamnium*, *Himantothallus grandifolius*, *Cystophaera jacquinotti*; with various macrobenthic groups: Porifera, Hydrozoa, Gorgonaria, Actinaria, Polychaeta, Mollusca, etc.; gear: SCUBA) (MR 91).

Weddell Sea: eastern shelf (CDB *et al.* 99).

Depth range: 25- 457 m.

Type-locality: Ross Sea: *Terra Nova 1910*, sta. 331, McMurdo Sound, 457 m (KHB 30).

Type specimen location: NHM, London.

***Bovallia gigantea* Pfeffer, 1888**

Pfeffer, 1888: 96, pl. 1: fig. 5.

Della Valle, 1893: 704. (*Atylus gigantea*).

Chevreaux, 1906e: 54, figs. 31-33.

Stebbing, 1906: 357.

Chilton, 1912a: 494-495. (*Bovallia monoculoides*).

Chevreaux, 1913c: 168.

Chilton, 1913: 57-58. (*Bovallia monoculoides*).

Shoemaker, 1914: 74. (*Bovallia monoculoides*, in part; part = *Eusiroides monoculoides*, *Paramoera walkeri*).

Chilton, 1925a: 177. (*Bovallia monoculoides*).

Schellenberg, 1929c: 277.

Schellenberg, 1931a: 180, fig. 92a, b.

Barnard K.H., 1932: 196, 315, fig. 118a.

Stephensen, 1938c: 238.

Stephensen, 1947a: 59.

Barnard J.L., 1958e: 123.

Castellanos & Perez, 1963: 10, table 5.

Bellisio, 1966: 55, pl. 25.

Thurston, 1968: 57-64.

Thurston, 1970: 269, fig. 1.

Bone, 1972: 105-122, fig. 3.

Castellanos, 1973: 12, 14, 15, 17.

Castellanos, 1973: 14. (*Pontogeneia gigantea*).

Arnaud, 1974: 525, 564, 565, 592. (eco).

Thurston, 1974a: 86.

Thurston, 1974b: 28.

Lowry & Bullock, 1976: 41.

Lincoln & Hurley, 1981: 108.

Arnaud *et al.*, 1986: 16, tab. I.

Wakabara *et al.*, 1990:4,6.
 Barnard & Karaman, 1991: 311, 312.
 Jażdżewski *et al.*, 1991: 110.
 Rauschert, 1991: 20-36.
 Jażdżewski *et al.*, 1992: 464, 468.
 De Broyer & Jażdżewski, 1993: 37.
 Alonso de Pina, 1995: 257-258.
 Jażdżewski *et al.*, 1996: 370.
 Opaliński & Siciński, 1996: 537-546. (phy).
 Jażdżewski *et al.*, 2001a: 569-577. (eco).
 Jażdżewski *et al.*, 2001b: 910-917. (eco).
 Garcia *et al.*, 2003: 59-63. (par).

Distribution:

W+G

Bransfield Strait: 9-27 m (MHT 74b).**Danco Coast:** Spring Point, tide pool (C&P 63); Paradise Harbour, Coughtrey Peninsula, 60-80 m. 'Point Vidt', 4-25 m, 'Point Piedras', low tide, 'Cape Hernan', 15-22 m (ZJC 73).**Palmer Archipelago:** *Discovery 1925-27*, sta. 179, Schollaert Channel, Melchior Islands, 4-10 m (gear: small dredge) (KHB 32); Flandres Bay, 2-10 m; Port Lockroy, 20-30 m (KS 47a); Goudier Island, low tide-1 m; Lecuyer Point, Peltier Channel, 18-27 m (MHT 74b).**South Georgia:** no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88); no loc. (CC 13); no loc. (MHT 70); Moraine Fjord, 5 m (bottom/habitat: stones); Cumberland Bay, off Grytviken, 10 m; Cumberland Bay (bottom/habitat: stones, algae); Grytviken, 10 m (bottom/habitat: stones); Stromness Harbour, 8 m (bottom/habitat: stones) (AS 31a); *Discovery 1925-27*: sta. WS 56, Larsen Harbour, Drygalski Fjord, 2 m (gear: hand net); sta. MS 10, Cumberland East Bay, 18-26 m (gear: small beam trawl); King Edward Cove; Cumberland Bay; Leith Harbour (KHB 32); Cumberland West Bay, Jason Harbour, 20-25 m; Maiviken, 15 m; Coal Harbour, 14 m; 'Hystadhullet', 40 m; Hound Bay, 10 m (KS 47a); Bay of Isles, 9 m; Possession Bay (CRS 14).**South Orkney Islands:** *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, shore pools to moderate depths (CC 12a, CC 25a); Signy Island, Cam Rock, Borge Bay, 10-12 m (DGB 72); littoral-20 m; Paal Harbour, 5-49 m; Berntsen Point, littoral-7 m (MHT 74b).**South Sandwich Islands:** Visokoi Island, 55-91 m (KS 47a), 55-91 m (MHT 74b); Candlemas Islands (KS 47a), (MHT 74b).**South Shetland Islands:** King George Island, Maxwell Bay; Fildes Strait, 1-60 m (MR 91); Admiralty Bay (EC 13c); 0.5-30 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91); King George Bay, 10 m (KS 38); Potter Cove, 62°14'S 58°40'W, 10 m (GMA 95); Deception Island, *Discovery 1925-27*, sta. 174, 5-10 m (gear: large fish trap) (KHB 32); 62°09'15"S 58°28'30"W, 17-40 m (YW *et al.* 91); King George Island, Admiralty Bay, Arctowski Station, 0 m (KJ *et al.* 01a, 01b); King George Island, Admiralty Bay (FG *et al.* 03).**Trinity Peninsula:** Hope Bay, Hut Cove, 9 m; Grunden Rock, littoral (MHT 74b).**Wilhelm Archipelago:** Petermann Island, Port Circumcision, 5

m (EC 13c); Argentine Islands, Galindez Island, littoral (MHT 74b).

Depth range: 0-91 m.**Type-locality:** South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88).**Type specimen location:** ZMH, Hamburg**Bovallia sp. Monod, 1926**Monod, 1926: 57, fig. 55. (*Bovallia* sp.).Lowry & Bullock, 1976: 42. (*Bovallia* sp.).De Broyer & Jażdżewski, 1993: 37. (*Bovallia* sp.).**Distribution:**

E

Bellingshausen Sea: *Belgica 1897-99*, 70°23'S 82°47'W, 480 m (TM 26).**Depth range:** 480 m.**Djerboa furcipes Chevreux, 1906e**

Chevreux, 1906e: 74, figs. 42-44.

Chilton, 1909b: 622.

Chilton, 1912a: 500.

Chevreux, 1913c: 179, fig. 60.

Shoemaker, 1914: 75.

Schellenderg, 1926a: 363.

Schellenberg, 1931a: 193.

Barnard K.H., 1932: 203, 315, fig. 118a.

Stephensen, 1938c: 239.

Stephensen, 1947a: 62.

Barnard J.L., 1958e: 123.

Arnaud, 1974: 565. (eco).

Bellan-Santini & Ledoyer, 1974: 654, pl. 7b.

Thurston, 1974a: 71.

Thurston, 1974b: 28.

Lowry & Bullock, 1976: 43.

Jażdżewski, 1981: 135. (eco).

Andres, 1982: 161.

Arnaud *et al.*, 1986: 16, tab.I.

Barnard & Karaman, 1991: 316, 317.

Branch *et al.*, 1991: 20, 40, fig. on p.20.Jażdżewski *et al.*, 1991: 110.

Rauschert, 1991: 20-36.

Jażdżewski *et al.*, 1992: 464-468.

De Broyer & Jażdżewski, 1993: 37.

Jażdżewski *et al.*, 1996: 370.**Distribution:**

W+G+S

Iles Crozet: no loc. (BS&L 74); Ile de la Possession, beach (KS 47a).**Iles Kerguelen:** Baie de l'Observatoire (AS 26a).**Prince Edward Islands:** 52 m (MLB *et al.* 91).**Palmer Archipelago:** *Discovery 1925-27*, sta. 179, Melchior Islands, Schollaert Channel, 4-10 m (bottom/habitat: rock; gear: small dredge) (KHB 32); Port Lockroy, Lecuyer Point, Peltier

Channel, 18 m (MHT 74b).

South Georgia: Bay of Isles, 9 m (CRS 14); Godthul Bay, 16-55 m; Coal Harbour, 19 m; 'Hystadhullet', 16 m; Cumberland West Bay, Jason Harbour, 21 m (KS 38c), Jason Harbour, 10-15 m (bottom/habitat: clay, small stones); off Grytviken, 5 m (bottom/habitat: sand, algae); Grytviken, 5 m (bottom/habitat: stone); Moraine Fjord, 16 m (bottom/habitat: sand, algae) (AS 31a); *Discovery 1925-27*: sta. 141, Cumberland East Bay, 17-27 m (bottom/habitat: mud; gear: small beam trawl); sta. 145, Stromness Harbour, 26-35 m (bottom/habitat: weedy ground; gear: small beam trawl); sta. WS 25, Undine Harbour, 18-27 m (bottom/habitat: mud, sand; gear: small beam trawl); sta. WS 62, Wilson Harbour, 26-83 m (gear: small beam trawl); sta. MS 10, Cumberland East Bay, 26-18 m (gear: small beam trawl); sta. MS 32, Cumberland East Bay, 40 m (gear: small beam trawl); sta. MS 65, Cumberland East Bay, 39 m (gear: small beam trawl, tow-net of coarse silk); sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl); sta. MS 71, Cumberland East Bay, 110-60 m (gear: small beam trawl, tow-net of coarse silk); sta. MS 74, Cumberland East Bay, 22-40 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32); *Walther Herwig 1977-78*, sta. 141, 54°07'S 36°48'W, 0-156 m (bottom: 159 m; gear: RMT); sta. 495, 54°09'S 36°48'W, 0-110 m (bottom: 110 m; gear: RMT) (HGA 82).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, 18-27 m (CC 12a); Signy Island, Borge Bay, 4-20 m; Paal Harbour, 5-49 m (MHT 74a).

South Shetland Islands: Deception Island (MHT 74b); King George Island, Maxwell Bay; Fildes Strait, 23 stations, 1-70 m (MR 91); Admiralty Bay, Arctowski Station (in penguin stomach) (KJ 81), Admiralty Bay, 20-25 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91).

Wilhelm Archipelago: Booth Island (EC 06e); Petermann Island, 3 m; Port Circumcision, 5 m (EC 13c).

Depth range: 0-156 m.

Type-locality: Wilhelm Archipelago: Booth Island (EC 06e).

Type specimen location: MNHN, Paris.

Eurymera monticulosa Pfeffer, 1888

Pfeffer, 1888: 103, pl. 1, fig. 3.

Chevreaux, 1906e: 59, figs. 34-36.

Stebbing, 1906: 357.

Chilton, 1912a: 493.

Chevreaux, 1913: 167.

Chilton, 1913: 58.

Shoemaker, 1914: 74.

Schellenberg, 1931: 181.

K.H. Barnard, 1932: 198, 315, fig. 118B.

Stephensen, 1938c: 239.

Stephensen, 1947a: 59.

J.L. Barnard, 1958b: 123.

Castellanos & Perez, 1963: 10, table 5, fig. 16.

Castellanos, 1973: 14.

Arnaud, 1974: 525.

Thurston, 1974a: 84.

Thurston, 1974b: 28.

Lowry & Bullock, 1976: 43.

Jażdżewski, 1981: 134, 135. (eco).

Arnaud *et al.*, 1986: 16, tab I.

Wakabara *et al.*, 1990: 4,6.

Barnard & Karaman, 1991: 317.

Jażdżewski *et al.*, 1991: 110.

Ren & Huang, 1991: 210, fig. 14.

Opaliński, 1991: 183-263. (phy).

Jażdżewski *et al.*, 1992: 464, 468.

De Broyer & Jażdżewski, 1993: 37.

Petri & Zauke, 1993: 529-536. (tox).

Opaliński & Siciński, 1996: 537-546. (phy).

Jażdżewski *et al.*, 1996: 367-384. (eco).

Jażdżewski *et al.*, 2001a: 569-577. (eco).

Jażdżewski *et al.*, 2001b: 910-917. (eco).

Garcia *et al.*, 2003: 59-63. (par).

Distribution:

W+G

Bransfield Strait: 63°S, 9-27 m (MHT 74b). Danco Coast: Spring Point, tide pool (C&P 63); Paradise Harbour, 'Point Vidt', 4-25 m (ZJC 73).

Palmer Archipelago: Schollaert Channel, Melchior Islands, 4-10 m (KHB 32); Port Lockroy, French Passage, 6-40 m (KS 47a); Goudier Island, low tide (MHT 74b).

South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88); Bay of Isles, 9 m; Possession Bay (CRS 14); Stromness Harbour, intertidal; Cumberland Bay, intertidal (AS 31), 18-27 m (KHB 32); Saint Andrews Bay; Coal Harbour, 0-14 m; Godthul Bay, 16 m (KS 47a).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, 7 m (bottom/habitat: gravel and clumps of weeds; gear: dredge) (CC 12a); Signy Island, Borge Bay, littoral-20 m; Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: Deception Island, 5-10 m (KHB 32); King George Island, Admiralty Bay, Arctowski Station (in penguin stomach) (KJ 81); Admiralty Bay, 62°10'S 58°30'W (KJ *et al.* 96); King George Island, Admiralty Bay, tidal zone (gear: small hand net) (O&S 95); King George Island (gear: SCUBA) (P&Z 93); King George Island, Admiralty Bay, Arctowski Station, 0 m (KJ *et al.* 01a, 01b); King George Island, Admiralty Bay (FG *et al.* 03).

Trinity Peninsula: Hope Bay, Grunden Rock, low tide, Jagged Rocks, low tide (MHT 74b).

Wilhelm Archipelago: Booth Island; Petermann Island (EC 06e).

Depth range: 0-40 m.

Type-locality: South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88).

Type specimen location: ZMH, Hamburg.

Gondogeneia antarctica (Chevreaux, 1906b)

Chevreaux, 1906b: 79, fig. 2. (*Pontogeneia antarctica*).

Chevreaux, 1906e: 69, figs. 40, 41. (*Pontogeneia antarctica*).

Non Chilton, 1909b: 624. (*Pontogeneia antarctica* =

Gondogeneia sp. 4).
 Chilton, 1912a: 496, pl. 1: fig. 18. (*Atyloides magellanica*, in part; part = *Paramoera edouardi*).
 Chilton, 1912a: 496. (*Pontogeneia antarctica*).
 Chevreux, 1913c: 177, fig. 59. (*Pontogeneia antarctica*).
 Non Stebbing, 1914b: 364. (*Pontogeneia antarcticus* = *Gondogeneia* sp. 6).
 Chilton, 1925a: 178. (*Pontogeneia antarctica*).
 Non Stephensen, 1927e: 319, figs. 10, 11. (*Pontogeneia antarctica* = *Gondogeneia subantarctica*).
 Schellenberg, 1931a: 185. (*Pontogeneia antarctica*).
 Barnard K.H., 1932: 199, fig. 118h. (*Pontogeneia antarctica*).
 Stephensen, 1947a: 60. (*Pontogeneia antarctica*).
 Ruffo, 1949: 47, figs. 14-16. (*Pontogeneia antarctica*, in part; part = *Gondogeneia* sp. 3).
 Barnard J.L., 1958e: 124. (*Pontogeneia antarctica*).
 Castellanos & Perez, 1963: 10, table 5, fig. 17b. (*Pontogeneia antarctica*).
 Bellisio, 1966: 52, (not pl. 26). (*Pontogeneia antarctica*).
 Everson, 1970: 25 (eco). (*Pontogeneia antarctica*).
 Barnard J.L., 1972a: 191.
 Castellanos, 1973: 11, 12, 14 (eco). (*Pontogeneia antarctica*).
 Arnaud, 1974: 525, 565. (eco). (*Pontogeneia antarctica*).
 Bellan-Santini & Ledoyer, 1974: 658. (*Pontogeneia antarctica*).
 Thurston, 1974a: 79, figs. 32a-b. (*Pontogeneia antarctica*).
 Thurston, 1974b: 31, fig. 10.
 Lowry & Bullock, 1976: 48.
 Arnaud *et al.*, 1986: 16, tab. I.
 Barnard & Karaman, 1991: 321, 322.
 Ren & Huang, 1991: 215-216, fig. 17.
 Gonzalez, 1991a: 54.
 Rauschert, 1991: 20-36.
 Jażdżewski *et al.*, 1992: 464.
 De Broyer & Jażdżewski, 1993: 48.
 Jażdżewski *et al.*, 1996: 370.
 Opaliński & Siciński, 1996: 537-546. (phy).
 Jażdżewski *et al.*, 2001a: 569-577. (eco).
 Jażdżewski *et al.*, 2001b: 910-917. (eco).
 Garcia *et al.*, 2003: 59-63. (par).
 Corbisier *et al.*, 2004: 77. (eco).
 Amsler *et al.*, 2005: 143, 145, 151, 152. (eco).
 Chiesa *et al.*, 2005: 170. (*Gondogeneia* cf. *antarctica*)

Distribution: **W+G+M**

Danco Coast: Spring Point, tide pool (C&P 63); Paradise Harbour, Coughtrey Peninsula, 0.3-80 m, 'Point Vidt', low tide (ZJC 73).

Falkland Islands: Port Louis (bottom/habitat: beach) (AS 31a).

Magellan area: Isla Nueva, 54 m (bottom/habitat: shells); Isla Lennox (AS 31a); Estrecho de Magallanes (EG 91a); southern Tierra del Fuego, Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge) (ILC *et al.* 05).

Marguerite Bay: Stonington Island, littoral (MHT 74b).

Palmer Archipelago: Flandres Bay (EC 06e), 2-10 m (KS 47a); *Discovery 1925-27*, sta. 179, Melchior Islands, Schollaert Channel, 4-10 m (small dredge) (KHB 32); *Belgica 1897-99*,

Gerlache Strait, Auguste Island; Gerlache Strait, Two Hummock Island (SR 49); Port Lockroy, 6-40 m (KS 47a), Goudier Island, low tide-1 m, Lecuyer Point, Peltier Channel, 18 m (MHT 74b).

South Georgia: (AS 31a).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, shore pools (CC 12a; CC 25a); *Discovery 1925-27*, sta. 166, Signy Island, SE point of Paal Harbour, shore (KHB 32), 5-15 m (MHT 74a), Borge Bay, littoral-20 m, Berntsen Point, littoral (MHT 74a).

South Shetland Islands: King George Island, Maxwell Bay; Fildes Strait, 31 stations, 1-60 m (gear: SCUBA; Dredge) (MR 91); Admiralty Bay (EC 13c); Deception Island (MHT 74b), 6-25 m (KS 47a); King George Island, Admiralty Bay, Arctowski station, 0 m (KJ *et al.* 01a, 01b); King George Island, Admiralty Bay (FG *et al.* 03); King George Island, Admiralty Bay, Martel Inlet, 60°04'S 58°21'W, 10-20 m (bottom/habitat: gravelly sand, muddy sand; gear: Van Veen grab) (TNC *et al.* 2004).

Trinity Peninsula: Cape Roquemaurel; Paulet Island, 100-150 m (bottom/habitat: gravel, stones); Seymour Island (AS 31a); Hope Bay, Grunden Rock, low tide (MHT 74b).

Wilhelm Archipelago: Booth Island; Petermann Island, 6 m (EC 06b, EC 06e, EC 13c); Argentine Islands, Skua Island, littoral, Galindez Island, littoral, Rasmussen Island, littoral; Cape Tuxen, littoral; West of Chavez Island, littoral (MHT 74b).

Depth range: 0-150 m.

Type-locality: Palmer Archipelago: Flandres Bay (EC 06b, EC 06e).

Wilhelm Archipelago: Booth Island (EC 06b, EC 06e).

Type specimen location: MNHN, Paris.

***Gondogeneia bidentata* (Stephensen, 1927e)**

Stephensen, 1927e: 322, fig. 12. (*Pontogeneia bidentata*).

Barnard J.L., 1958e: 124. (*Pontogeneia bidentata*).

Barnard J.L., 1972a: 191.

Barnard J.L., 1972b: 87.

Bellan-Santini & Ledoyer, 1974: 659. (*Pontogeneia bidentata*).

Lowry & Bullock, 1976: 48.

Barnard & Karaman, 1991: 321.

? Rauschert, 1991: 20-36. (*Gondogeneia* cf. *bidentata*)

De Broyer & Jażdżewski, 1993: 48.

Distribution:

S

Campbell Island: Perseverance Harbour, shore (KS 27e).

South Shetland Islands: King George Island, Maxwell Bay, 35 m (MR 91).

Depth range: 0 m.

Type-locality: Campbell Island: Perseverance Harbour, shore (KS 27e).

Type specimen location:

***Gondogeneia chosroides* (Nicholls, 1938)**

Nicholls, 1938: 101, fig. 52b, 53. (*Pontogeneia chosroides*).
 Nicholls, 1938: 104, fig. 54. (*Pontogeneia chosroides* var. *denticulata*).
 Ealey, 1954: 205, 208 (eco). (*Pontogeneia* cf. *chosroides*).
 Barnard J.L., 1958e: 124. (*Pontogeneia chosroides*).
 Barnard J.L., 1972a: 186. (*Pontogeneia chosroides*).
 Barnard J.L., 1972b: 87.
 Barnard J.L., 1972b: 87. (*Gondogeneia chosroides* var. *denticulata*).
 Bellan-Santini & Ledoyer, 1974: 659. (*Pontogeneia chosroides*).
 Lowry & Bullock, 1976: 48-49.
 Barnard & Karaman, 1991: 321.
 De Broyer & Jazdzewski, 1993: 48.

Distribution:

S

Heard Island: no loc. (EE 54).**Macquarie Island:** Garden Bay, low tide; North End, low tide; South East Harbour (bottom/habitat: spongy rock coverings, rocks, root of kelp) (GEN 38).**Depth range:** 0 m.**Type-locality:** Macquarie Island: Garden Bay, low tide; North End, low tide; South East Harbour (bottom/habitat: spongy rock coverings, rocks, root of kelp) (GEN 38).**Type specimen location:** AM, Sydney.***Gondogeneia dentata* Alonso 1986a**

Alonso 1986a: 4-7, figs. 28-50.
 De Broyer & Jazdzewski, 1993: 48.

Distribution:

M

Magellan area: Argentina, Santa Cruz, Santa Cruz, Ria Deseado, low tide (GMA 86a).**Depth range:** 0 m.**Type-locality:** Magellan area: Argentina, Santa Cruz, Santa Cruz, Ria Deseado, low tide (GMA 86a).**Type specimen location:** MACN, Buenos Aires***Gondogeneia georgiana* (Pfeffer, 1888)**

Pfeffer, 1888: 116, pl. 2: fig. 6. (*Calliopiopus georgianus*).
 Della Valle, 1893: 704. (*Atylus georgianus*).
 Stebbing, 1906: 308. (*Apherusa georgiana*).
 Chilton, 1913: 59. (*Apherusa georgiana*).
 Shoemaker, 1914: 75. (*Apherusa georgiana*).
 Schellenberg, 1931a: 184, fig. 94. (*Pontogeneia georgiana*).
 Barnard K.H., 1932: 198, fig. 118h, 119. (*Pontogeneia georgiana*).
 Stephensen, 1938c: 239. (?*Pontogeneia georgiana*).
 Shoemaker, 1945d: 290. (*Pontogeneia georgiana*).
 Barnard J.L., 1958e: 124. (*Pontogeneia georgiana*).
 Barnard J.L., 1972a: 191, (generic status not verified). (?*Gondogeneia georgiana*).
 Bellan-Santini & Ledoyer, 1974: 659. (*Pontogeneia*

georgiana).

Lowry & Bullock, 1976: 49.

Andres, 1982: 171-172, fig. 8.

Arnaud *et al.*, 1986: 16, tab.I.

Barnard & Karaman, 1991: 321.

Ren & Huang, 1991: 216-217, fig. 18.

Jazdzewski *et al.*, 1992: 464.

De Broyer & Jazdzewski, 1993: 48.

Jazdzewski *et al.*, 1996: 370.**Distribution:**

W+G

Palmer Archipelago: Melchior Harbour (CRS 45d).**South Georgia:** no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88); Cumberland East Bay (KHB 32); Sacramento Bight (KS 38c); *Walther Herwig 1977-78*, sta. 495, 54°09'S 36°48'W, 0-110 m (bottom: 110 m) (HGA 82).**South Shetland Islands:** King George Island, Admiralty Bay (KJ *et al.* 92).**Depth range:** 9-110 m.**Type-locality:** South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88).**Type specimen location:** ZMH, Hamburg.***Gondogeneia gracilicauda* (Schellenberg, 1931a)**

Schellenberg, 1931a: 186, fig. 95. (*Pontogeneia gracilicauda*).
 Barnard J.L., 1958e: 124. (*Pontogeneia gracilicauda*).
 Barnard J.L., 1972a: 191, (generic status not verified). (?*Gondogeneia gracilicauda*).
 Sanderson, 1973: 11. (*Pontogeneia gracilicauda*).
 Bellan-Santini & Ledoyer, 1974: 659. (*Pontogeneia gracilicauda*).
 Lowry & Bullock, 1976: 49.
 Barnard & Karaman, 1991: 321.
 Gonzalez, 1991a: 54.
 De Broyer & Jazdzewski, 1993: 48.
 De Broyer & Rauschert, 1999: 284, table 1.
 Chiesa *et al.*, 2005: 170. (*Gondogeneia* cf. *antarctica*)

Distribution:

M

Falkland Islands: Cape Pembroke (bottom/habitat: beach) (AS 31a).**Magellan area:** 'Katanushuaia', 18-22 m (bottom/habitat: shells, algae); Puerto Pantalón (bottom/habitat: kelp); Bahia York; Bahia Ushuaia (AS 31a); Isla Nueva; Isla Lennox; Estrecho de Magallanes (EG 91A); southern Tierra del Fuego, Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge) (ILC *et al.* 05).**Depth range:** 15-22 m.**Type-locality:** Falkland Islands: Cape Pembroke (bottom/habitat: beach) (AS 31a).**Magellan area:** 'Katanushuaia', 18-22 m (bottom/habitat: shells, algae); Puerto Pantalón (bottom/habitat: kelp); Bahia York; Bahia Ushuaia (AS 31a).**Type specimen location:** NRS, Stockholm.

***Gondogeneia macrodon* (Schellenberg, 1931a)**

Schellenberg, 1931a: 187, fig. 96. (*Pontogeneia macrodon*).
 Barnard J.L., 1958e: 124. (*Pontogeneia macrodon*).
 Barnard J.L., 1972a: 191. (?*Gondogeneia macrodon*).
 Bellan-Santini & Ledoyer, 1974: 659. (*Pontogeneia macrodon*).
 Lowry & Bullock, 1976: 49.
 Barnard & Karaman, 1991: 321.
 Gonzalez, 1991a: 54.
 De Broyer & Jażdżewski, 1993: 48.
 De Broyer & Rauschert, 1999: 284, table 1.
 Chiesa *et al.*, 2005: 170. (*Gondogeneia cf. macrodon*).

Distribution: **M**

Falkland Islands: Port Louis; Cape Pembroke (bottom/habitat: rocky shore) (AS 31a).

Magellan area: Isla Lennox (bottom/habitat: kelp); Bahía Ushuaia, low tide; Puerto Pantalón, low tide; Puerto Pantalón, 12-13 m; Punta Dungeness (bottom/habitat: beach); Isla Nueva, 14 m; Magellan Sound (AS 31a); southern Tierra del Fuego, Bahía Buen Suceso, 54°47'S 65°14'W, 12 m (gear: dredge) (ILC *et al.* 05).

Depth range: 0-14 m.

Type-locality: Falkland Islands: Port Louis; Cape Pembroke (bottom/habitat: rocky shore) (AS 31a).

Magellan area: Isla Lennox (bottom/habitat: kelp); Bahía Ushuaia, low tide; Puerto Pantalón, low tide; Puerto Pantalón, 12-13 m; Punta Dungeness (bottom/habitat: beach); Isla Nueva, 14 m; Magellan Sound (AS 31a).

Type specimen location: NRS, Stockholm.

***Gondogeneia patagonica* Alonso, 1986a**

Alonso, 1986a: 1-4, figs. 1-27.
 Barnard & Karaman, 1991: 322.
 De Broyer & Jażdżewski, 1993: 48.
 Chiesa *et al.*, 2005: 170.

Distribution: **M**

Magellan area: Santa Cruz, Santa Cruz, Ria Deseado, upper sublittoral (mesolittoral to infralittoral) (GMA 86a); southern Tierra del Fuego, Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Bahía Sloggett, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Depth range: 15-27 m.

Type-locality: Magellan area: Santa Cruz, Santa Cruz, Ria Deseado (GMA 86a).

Type specimen location: MACN, Buenos Aires.

***Gondogeneia redfearni* (Thurston, 1974a)**

Thurston, 1974a: 81, fig. 33a-p, 34a-k. (*Pontogeneia redfearni*).
 Bellan-Santini & Ledoyer, 1974: 661. (*Pontogeneia redfearni*).

Thurston, 1974b: 32.
 Lowry & Bullock, 1976: 49.
 Barnard & Karaman, 1991: 322.
 Rauschert, 1991: 20-36.
 Jażdżewski *et al.*, 1992: 464.
 De Broyer & Jażdżewski, 1993: 48.
 Jażdżewski *et al.*, 1996: 370.

Distribution: **W**

South Orkney Islands: Signy Island, Borge Bay, 2-20 m, Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: Deception Island (MHT 74a); King George Island, Maxwell Bay; Fildes Strait, 10-20 m (gear: SCUBA; dredge) (MR 91); Admiralty Bay (KJ *et al.* 99).

Depth range: 2-20 m.

Type-locality: South Orkney Islands: Signy Island, Borge Bay, 2-20 m, Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: Deception Island (MHT 74b).

Type specimen location: NHM, London.

***Gondogeneia simplex* (Dana, 1852a)**

Dana, 1852a: 217. (*Iphimedia simplex*).
 Dana, 1853: 927, pl. 63: fig. 2. (*Iphimedia simplex*).
 Bate, 1862: 140, pl. 27: fig. 2. (*Atylus simplex*).
 Della Valle, 1893: 585. (*Amphithoe (Iphimedia) simplex*).
 Stebbing, 1906: 363. (*Paramoera simplex*).
 Chilton, 1912a: 495. (*Pontogeneia danai*).
 Schellenberg, 1926a: 354, fig. 52. (*Bovallia calliopioides*).
 Schellenberg, 1931a: 182, fig. 93. (*Pontogeneia simplex*).
 Barnard K.H., 1932: 198, fig. 118g. (*Pontogeneia simplex*).
 Schellenberg, 1935a: 232. (*Pontogeneia simplex*).
 Stephensen, 1947a: 60. (*Pontogeneia simplex*).
 Barnard J.L., 1958e: 124. (*Pontogeneia simplex*).
 Barnard J.L., 1972a: 191.
 Sanderson, 1973: 11. (*Pontogeneia simplex*).
 Bellan-Santini & Ledoyer, 1974: 660. (*Pontogeneia simplex*).
 Truchot, 1974: 21. (*Pontogeneia simplex*).
 Lowry & Bullock, 1976: 49-50.
 Barnard & Karaman, 1991: 322.
 Gonzalez, 1991a: 54.
 De Broyer & Jażdżewski, 1993: 49.
 De Broyer & Rauschert, 1999: 284, table 1.

Distribution: **S+M+**

Iles Crozet: no loc., 1-5 m (KS 47a).

Falkland Islands: *Scotia 1902-04*, sta. 118, Cape Pembroke (bottom/habitat: among calcareous algae) (CC 12a); West Point Island (AS 31a); *Discovery 1925-27*, sta. 56, East Falkland Island, Port William, Sparrow Cove, 11-16 m (gear: small beam trawl) (KHB 32).

Iles Kerguelen: no loc. (JPT 74); Passe Royale [Royal Sound] (AS 26a).

Magellan area: Isla Hermite (JDD 53); 'Marta Banco', 180 m (bottom/habitat: gravel, stones); Punta Arenas, low tide (bottom/habitat: sand with stones); Magellan Sound; Puerto Pantalón, low tide; Cabo de Hornos (AS 31a).

Depth range: 0-180 m.

Type-locality: Magellan area: Isla Hermite (JDD 53).

Extralimital distribution: Peru; South Atlantic Ocean.

Extralimital depth range:

Type specimen location:

***Gondogeneia spinicoxa* Bellan-Santini & Ledoyer, 1974**

Bellan-Santini & Ledoyer, 1974: 661, pl. 9.

Lowry & Bullock, 1976: 50.

Barnard & Karaman, 1991: 322.

Branch *et al.*, 1991: 21, 40, fig. on p.21.

Rauschert, 1991: 20-36.

De Broyer & Jazdzewski, 1993: 49.

Distribution: W+S

Iles Crozet: Ile de la Possession, Crique du Navire; Ile de l'Est, Anse de l'Aventure (BS&L 74).

Prince Edward Islands: no loc., 0-5 m (MLB *et al.* 91).

South Shetland Islands: King George Island, Maxwell Bay, 35 m (MR 91).

Depth range: 0-35 m.

Type-locality: Iles Crozet: Ile de la Possession, Crique du Navire; Ile de l'Est, Anse de l'Aventure (BS&L 74).

Type specimen location: MCSN, Verona.

***Gondogeneia subantarctica* (Stephensen, 1938c)**

Stephensen, 1938c: 245. (*Pontogeneia subantarctica*).

? Walker, 1908: 34. (questioned by Barnard J.L., 1972b). (*Paramoera austrina* var.).

Stephensen, 1927e: 319, fig. 10, 11. (?*Pontogeneia antarctica*).

Barnard J.L., 1958e: 124. (*Pontogeneia subantarctica*).

Barnard J.L., 1972a: 191.

Barnard J.L., 1972b: 91.

Bellan-Santini & Ledoyer, 1974: 661. (*Pontogeneia subantarctica*).

Lowry & Bullock, 1976: 50.

Arnaud *et al.*, 1986: 16, tab.I.

Wakabara *et al.*, 1990: 2, 4, 6.

Barnard & Karaman, 1991: 322.

Jazdzewski *et al.*, 1992: 464.

De Broyer & Jazdzewski, 1993: 49.

Jazdzewski *et al.*, 1996: 370.

Distribution: W+S

Auckland Islands: Port Ross, low tide (KS 27e), ? Terror Cove (AOW 08); Carnley Harbour, Masked Island, rocky coast (KS 27e).

Campbell Island: Perseverance Harbour, low tide (KS 27e).

South Shetland Islands: 62°58'07"S 57°08'01"W, 88 m; King George Island, low tide; Elephant Island, low tide (YW *et al.* 90).

Depth range: 0 m.

Type-locality:

Type specimen location:

***Gondogeneia thurstoni* Alonso, 1989.**

Alonso G.M., 1989: 1-7, figs. 1-28.

De Broyer & Jazdzewski, 1993: 49.

Chiesa *et al.*, 2005: 170. (*Gondogeneia* cf. *thurstoni*)

Distribution: M

Magellan area: Santa Cruz, Santa Cruz, Ria Deseado, Punta Cavendish, 0 m; Santa Cruz, Santa Cruz, Ria Deseado, Baliza Sorrel; Santa Cruz, Cabo Blanco, 0 m; Restinga Chaffers; Dos Hermanas; Punta Cascajo; Isla Larga; Peninsula Foca; Chubut, Comodoro Rivadavia, Rada Tilly beach, 0 m; Punta Loyola; Tierra del Fuego, Punta Jones; Tierra del Fuego, Punta Maria; beach 57 km northward of San Lulian; beach 8 km southward of Cabo Curioso (GMA 89); southern Tierra del Fuego, Bahía Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Depth range: 0-27 m.

Type-locality: Magellan area: Santa Cruz, Santa Cruz, Ria Deseado, Punta Cavendish, 0 m (GMA 89).

Type specimen location: MACN, Buenos Aires.

***Gondogeneia tristanensis* (K.H. Barnard, 1932)**

Barnard K.H., 1932b: 199, figs. 118m, 120. (*Pontogeneia tristanensis*).

Stephensen, 1949: 15. (*Pontogeneia tristanensis*).

Barnard K.H., 1965: 206. (*Pontogeneia tristanensis*).

De Broyer & Jazdzewski, 1993: 49.

Distribution: T

Gough Island: 40°21'S 09°55'W; Midshipman Rock; Dell Rocks; outer fringe kelp; kelp between Reef Point and Dell Rocks (KHB 65).

Tristan da Cunha: *Discovery 1925-27*, sta. 5, Quest Bay, 7-12 m (bottom/habitat: gravel, rock; gear: medium rectangular net) (KHB 32); *Norw. Sci. Exp. Tristan da Cunha*, Tristan da Cunha Island: sta. 1, 4.5 m; sta. 3, kelp of *Macrocystis*; sta. 9, 5 m; sta. 12, 0 m; sta. 17, 40-45 m; sta. 29, 0 m; sta. 30, 0 m; sta. 31, 0 m; sta. 32, 0 m; sta. 42, 0 m; sta. 44, 0 m; sta. 54, 13-20 m; Nightingale Island: sta. 86, 12 m; sta. 88, 20-40 m; sta. 89, 0 m; sta. 117, 5-10 m; sta. 118, 8-10 m (KS 49).

Depth range: 0-45 m.

Type-locality: Tristan da Cunha: *Discovery 1925-27*, sta. 5, Quest Bay, 7-12 m (bottom/habitat: gravel, rock; gear: medium rectangular net) (KHB 32)

Type specimen location: NHM, London.

***Gondogeneia ushuaiae* (Schellenberg, 1931a)**

Schellenberg, 1931a: 189-190, fig. 97. (*Pontogeneia ushuaiae*).

Barnard J.L., 1958e: 124. (*Pontogeneia ushuaiae*).

Barnard J.L., 1964c: 59. (*Accedomoera ushuaiae*).
 Barnard J.L., 1972a: 191. (?*Gondogeneia ushuaiae*).
 Bellan-Santini & Ledoyer, 1974: 661. (*Pontogeneia ushuaiae*).
 Lowry & Bullock, 1976: 50.
 Barnard & Karaman, 1991: 322.
 Gonzalez, 1991a: 54.
 De Broyer & Jażdżewski, 1993: 49.
 De Broyer & Rauschert, 1999: 284, table 1.

Distribution:

Falkland Islands: Port Louis (AS 31a).
Magellan area: Bahia Ushuaia (AS 31a), Estrecho de Magallanes (EG 91a).

Depth range:

Type-locality: Falkland Islands: Port Louis (AS 31a).
 Magellan area: Bahia Ushuaia (AS 31a).
Type specimen location: NRS, Stockholm.

***Gondogeneia* sp. 1 (Stephensen, 1938c)**

Stephensen, 1938c: 239. (*Pontogeneia* sp.).
 Lowry & Bullock, 1976: 50.
 De Broyer & Jażdżewski, 1993: 49.

Distribution:

South Georgia: Cumberland West Bay, Jason Harbour, 20 m (KS 38c).

Depth range: 20 m.

***Gondogeneia* sp. 2 (Stephensen, 1938c)**

Stephensen, 1938c: 246. (*Pontogeneia* sp.).
 Lowry & Bullock, 1976: 51.
 De Broyer & Jażdżewski, 1993: 49.

Distribution:

Campbell Island: Perseverance Harbour, 42 m (KS 38c).

Depth range: 42 m.

***Gondogeneia* sp. 3 (Ruffo, 1949)**

Ruffo, 1949: 47, figs. 14-16. (fide Thurston, 1974a). (*Pontogeneia antarctica*, in part).
 Lowry & Bullock, 1976: 51.
 De Broyer & Jażdżewski, 1993: 49.

Distribution:

Magellan area: *Belgica* 1897-99, Canal Beagle, Puerto Harberton (SR 49).

Depth range:

***Gondogeneia* sp. 4 J.L. Barnard, 1972b**

Barnard J.L., 1972b: 91. (*Gondogeneia* sp.).
 Chilton, 1909b: 624. (*Pontogeneia antarctica*).
 Lowry & Bullock, 1976: 51.
 Barnard & Karaman, 1991: 322.
 De Broyer & Jażdżewski, 1993: 49.

Distribution:

Antipodes Islands: (CC 09b).
Auckland Islands: Carnley Harbour (CC 09b).
Campbell Island: (CC 09b).
Depth range:

***Gondogeneia* sp. 5 Castellanos, 1973**

Castellanos, 1973: 14, 15. (*Pontogeneia* sp.).
 Lowry & Bullock, 1976: 51.
 De Broyer & Jażdżewski, 1993: 49.

Distribution:

Danco Coast: Paradise Harbour, 'Point Vidt', 4-25 m, 'Point Piedras', low tide (ZJC 73).

Depth range: 0-25 m.

***Gondogeneia* sp. 6 Stebbing, 1914b**

Stebbing, 1914b: 364. (*Pontogeneia antarcticus*).

Distribution:

Falkland Islands: Port Stanley, low tide (bottom/habitat: among seaweed) (TRS 14b).

Depth range: 0 m.

***Liouvillea oculata* Chevreux, 1912a**

Chevreux, 1912a: 214.
 Chevreux, 1913c: 139, figs. 34-36.
 Schellenberg, 1931a: 160.
 Barnard K.H., 1932: 152.
 Stephensen, 1947a: 51.
 Barnard J.L., 1958e: 139.
 Castellanos, 1973: 12, 14.
 Arnaud, 1974: 565. (eco).
 Thurston, 1974a: 71, fig. 29f, g.
 Thurston, 1974b: 32.
 Lowry & Bullock, 1976: 52-53.
 Arnaud *et al.*, 1986: 16, tab.I.
 Wakabara *et al.*, 1990: 2, 4, 6.
 Barnard & Karaman, 1991: 326.
 Jażdżewski *et al.*, 1991: 110.
 Rauschert, 1991: 20-36.
 Jażdżewski *et al.*, 1992: 464, 468.
 De Broyer & Jażdżewski, 1993: 40.
 Alonso de Pina, 1995: 252, 256, figs. 33-38.

Jazdzewski *et al.*, 1996: 370.
De Broyer *et al.*, 1999: 165.
Gutt *et al.*, 2000: 76-77.

Distribution:**E+W**

Bransfield Strait: 63°17'S 59°48'W, 200 m (gear: large heavy dredge) (KHB 32).

Danco Coast: Paradise Harbour, Coughtrey Peninsula, 60-80 m, 'Point Vidt', 4-25 m (ZJC 73); 64°53'S 62°53'W (GMA 95).

Palmer Archipelago: Port Lockroy, 20-30 m (KS 47a); Lecuyer Point, Peltier Channel, low tide-27 m (MHT 74b).

South Orkney Islands: *Discovery 1925-27*, sta. 164, East end of Normanna Strait, 24-36 m (gear: tow-net of coarse silk) (KHB 32); Signy Island, Borge Bay, 5-20 m; Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: 62°09'15"S 58°28'30"W, 17-40 m; 62°48'S 54°20'W, 280 m; 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90); King George Island, Maxwell Bay, 0-35 m (MR 91); Admiralty Bay, 10-30 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91).

Trinity Peninsula: Paulet Island, 63°36'S 55°48'W, 100-150 m (bottom/habitat: gravel, small stones) (AS 31a).

Weddell Sea: eastern shelf (CDB *et al.* 99), *Polarstern ANT XIII/3 (EASIZI)*: sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 06 AGT 09, Kapp Norvegia, 71°32.10'S 13°44.10'W, 362 m (gear: Agassiz trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl) (JG *et al.* 00).

Wilhelm Archipelago: Petermann Island, 3-60 m (EC 13c).

Depth range: 0-620 m.

Type-locality: Wilhelm Archipelago: Petermann Island, 3-60 m (EC 13c).

Type specimen location: MNHN, Paris.

***Paramoera aucklandica* (Walker, 1908)**

Walker, 1908: 33, pl. 5: fig. 1, 2. (*Atyloides aucklandicus*).
Non Chilton, 1909a: 628, fig. 3. (*Atyloides aucklandicus* = *Paramoera* sp. of Barnard J.L., 1972b: 87).
Stephensen, 1927e: 325.
Ruffo, 1949: 39.
Barnard J.L., 1958e: 123.
Barnard J.L., 1972b: 82.
Bellan-Santini & Ledoyer, 1974: 654.
Thurston, 1974b: 34.
Lowry & Bullock, 1976: 56.
Barnard & Karaman, 1991: 332.
De Broyer & Jazdzewski, 1993: 41.

Distribution:**S**

Auckland Islands: Laurie Harbour (AOW 08).

Depth range:

Type-locality: Auckland Islands: Laurie Harbour (AOW 08).

Type specimen location:

***Paramoera brachyura* Schellenberg, 1931a**

Schellenberg, 1931a: 201, fig. 102, (senior homonym). (*Paramoera brachyurus*).

Ruffo, 1949: 39. (*Paramoera brachyurus*).

Non Stephensen, 1949: 18, fig. 6, (junior homonym). (*Paramoera brachyura*).

Bellan-Santini & Ledoyer, 1974: 655. (*Paramoera brachyurus*).

Thurston, 1974a: 72. (*Paramoera brachyurus*).

Thurston, 1974b: 34. (*Paramoera brachyurus*).

Lowry & Bullock 1976: 57.

Barnard & Karaman, 1991: 332.

De Broyer & Jazdzewski, 1993: 41.

De Broyer & Rauschert, 1999: 284, table 1.

Distribution:**G+M**

Magellan area: Puerto Toro, low tide; Puerto Madryn, 4-9 m (bottom/habitat: clayed sand); Punta Arenas (bottom/habitat: sandy beach, stones) (AS 31a).

South Georgia: Cumberland Bay, intertidal (bottom/habitat: among seagrass) (AS 31a).

Depth range: 0 m.

Type-locality: Magellan area: Puerto Toro, low tide; Puerto Madryn, 4-9 m (bottom/habitat: clayed sand); Punta Arenas (bottom/habitat: sandy beach, stones); South Georgia: Cumberland Bay, intertidal (bottom/habitat: among seagrass) (AS 31a).

Type specimen location: NRS, Stockholm.

***Paramoera chevreuxi* (Stephensen, 1927e)**

Stephensen, 1927e: 339, fig. 18. (*Atyloides chevreuxi*).

Chilton, 1909b: 627, (questioned by Barnard J.L., 1972b). (?*Atyloides magellanica*).

Schellenberg, 1929c: 281.

Ruffo, 1949: 39.

Barnard J.L., 1958e: 125. (*Atyloides chevreuxi*).

Barnard J.L., 1972b: 29, 82, fig. 38, 39, (in key).

Bellan-Santini & Ledoyer, 1974: 655.

Thurston, 1974b: 34.

Lowry & Bullock, 1976: 57.

Barnard & Karaman, 1991: 332.

De Broyer & Jazdzewski, 1993: 41.

Distribution:**S+**

Auckland Islands: Carnley Harbour (CC 09b), low tide (KS 27e); Port Ross, low tide; Figure of Eight Island, low tide; Masked Island (bottom/habitat: rocks) (KS 27e).

Campbell Island: Perseverance Harbour, low tide (KS 27e).

Depth range: 0 m.

Type-locality: Auckland Islands: Carnley Harbour, low tide; Port Ross, low tide; Figure of Eight Island, low tide; Masked Island (bottom/habitat: rocks) (KS 27e).

Campbell Island: Perseverance Harbour, low tide (KS 27e).

Extralimital distribution: New Zealand.

Extralimital depth range:

Type specimen location: ZMUC, Copenhagen.

***Paramoera edouardi* Schellenberg, 1929c**

Schellenberg, 1929c: 281.
 Stebbing, 1888: 360, pl. 79.
 Chevreux, 1906e: 64, figs. 37-39. (*Pontogeneia magellanica*).
 Chilton, 1912a: 496, pl. 1: fig. 18. (*Atyloides magellanica*, in part; part = *Gondogeneia antarctica*).
 Chevreux, 1913c: 178. (*Atyloides magellanicus*).
 Schellenberg, 1931a: 198.
 Barnard K.H., 1932: 207, fig. 118m.
 Stephensen, 1947a: 65. (*Paramoera ?edouardi*).
 Ruffo, 1949: 39.
 Barnard J.L., 1958e: 123.
 ? Castellanos & Perez, 1963: 10, table 5, fig. 17a. (in part, questioned by Thurston, 1974a). (*Pontogeneia magellanica*).
 Bellan-Santini & Ledoyer, 1974: 656.
 Thurston, 1974a: 72, fig. 29h.
 Thurston, 1974b: 34.
 Lowry & Bullock, 1976: 57.
 Barnard & Karaman, 1991: 332.
 Jazdzewski *et al.*, 1991: 110.
 Jazdzewski *et al.*, 1992: 464, 469.
 De Broyer & Jazdzewski, 1993: 41.
 Jazdzewski *et al.*, 1996: 370
 Jazdzewski *et al.*, 2001a: 569-577. (eco).
 Jazdzewski *et al.*, 2001b: 910-917. (eco).

Distribution: **W+G+M**

Danco Coast: Spring Point, tide pool (C&P 63).
Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom: sand; gear: trawl) (TRS 88).
Marguerite Bay: Stonington Island, littoral (MHT 74b).
Palmer Archipelago: Flandres Bay (EC 06e); Port Lockroy, Goudier Island, littoral (MHT 74b).
South Georgia: Cumberland Bay, intertidal (bottom/habitat: among seagrass); mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a).
South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, shore pools (CC 12a); Signy Island, Borge Bay, littoral-20 m; Paal Harbour, 5-15 m (MHT 74a).
South Shetland Islands: King George Island, Admiralty Bay (EC 13c); 15-25 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91); Deception Island, 75 m (KS 47a); Deception Island, *Discovery 1925-27*, sta. 173, Port Foster, 5-60 m (gear: tow-net of coarse silk) (KHB 32); King George Island, Admiralty Bay, Arctowski station, 0 m (KJ *et al.* 01a, 01b).
Trinity Peninsula: Hope Bay, 37-55 m; Grunden Rock, littoral; Hut Cove, littoral (MHT 74b).
Depth range: 0-310 m.
Type-locality: Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom: sand; gear: trawl) (TRS 88).
Type specimen location: NHM, London.

***Paramoera falklandica* Vader & Krapp, 2005**

Vader & Krapp, 2005: 3091-3097, figs. 10-12.

Distribution: **M**
Falkland Islands: East Falkland, Choiseul Sound, 58-59°S 52°W, found on *Paralomis granulosa* and *Eurypodius latreillei* (gear: baited trap); Lively Sound (gear: crab bins) (V&K 05).
Depth range: 30 m.
Type-locality: Falkland Islands: East Falkland, Choiseul Sound, 58-59°S 52°W, found on *Paralomis granulosa* and *Eurypodius latreillei* (gear: baited trap) (V&K 05).
Type specimen location: TM, Tromsø.

***Paramoera fasciculata* (Thomson, 1880a)**

Thomson, 1880a: 5, pl. 1: fig. 5. (*Megamoera fasciculata*).
 Thomson, 1881: 218. (*Megamoera fasciculata*).
 Thomson & Chilton, 1886: 146. (*Megamoera fasciculata*).
 Thomson, 1889: 261. (*Megamoera fasciculata*).
 Thomson, 1893: 28. (*Maera fasciculata*).
 Chilton, 1906c: 271. (*Moera fasciculata*).
 Stebbing, 1906: 741. (*Maera fasciculata*).
 Walker, 1908: 35, pl. 5: figs. 3, 4. (*Aucklandia enderbyi*).
 Stebbing, 1910a: 640.
 Thomson, 1913: 243. (*Paramoera austrina*).
 Stephensen, 1927e: 332, figs. 15, 16.
 Stephensen, 1938c: 246.
 Ruffo, 1949: 39.
 Barnard J.L., 1958e: 123.
 Barnard J.L., 1972b: 82.
 Bellan-Santini & Ledoyer, 1974: 656.
 Thurston, 1974b: 34.
 Lowry & Bullock, 1976: 57-58.
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 42.
 ? Vinogradov, G.M., 2004: 75-77, figs. 9, 10. (*Paramoera austrina*).

Distribution: **S+**
Auckland Islands: Enderby Island (AOW 08); Carnley Harbour, Figure of Eight Island, low tide; Masked Island (bottom/habitat: rocks) (KS 27e).
Campbell Island: Perseverance Harbour, low tide (KS 38c).
Depth range: 0 m.
Type-locality: New Zealand: Dunedin Harbour (GMT 80).
Extralimital distribution: Australia; New Zealand.
Extralimital depth range:
Type specimen location:

***Paramoera fissicauda* (Dana, 1852a)**

Dana, 1852a: 214. (*Amphitoe fissicauda*).
 Dana, 1853: 929, pl. 63: fig. 4. (*Iphimedia fissicauda*).

- Bate, 1862: 137, pl. 26: fig. 4. (*Atylus austrinus*).
 Bate, 1862: 141, pl. 27: fig. 3. (*Atylus fissicauda*).
 Miers, 1875a: 75. (*Paramoera australis*).
 Miers, 1875b: 117. (*Atylus australis*).
 Smith, 1876: 61. (*Atylus (?) australis*)
 Miers, 1879a: 208. pl. 11: fig. 5. (*Atylus australis*)
 Haswell, 1882: 244. (*Atylus megalophthalmus*).
 ? Chilton, 1885: 1037, (questioned by Stebbing, 1906). (*Atylus megalophthalmus*).
 Stebbing, 1888: 914, pl. 75, 76. (*Atyloides australis*).
 Della Valle, 1893: 702. (*Atylus austrinus*).
 Thomson, 1895: 211. (*Atyloides australis*).
 Non Walker, 1908: 34. (*Paramoera austrina* var = *Gondogeneia subantarctica*).
 Stebbing, 1906: 361. (*Pontogeneia fissicauda*).
 Stebbing, 1906: 363. (*Paramoera austrina*).
 ? Chilton, 1909b: 625. (questioned by Barnard J.L., 1972b). (*Paramoera austrina*).
 Stebbing, 1910a: 640. (*Paramoera austrina*).
 Stebbing, 1910b: 456. (*Paramoera austrina*).
 Non Chilton, 1912a: 498. (*Paramoera austrina* = *Prostebbingia brevicornis*, *Prostebbingia longicornis*).
 Non Thomson, 1913: 243. (*Paramoera austrina* = *Paramoera fasciculata*).
 Chilton, 1913: 58. (*Paramoera austrina*).
 Shoemaker, 1914: 75. (*Paramoera austrina*).
 Stebbing, 1914b: 365. (*Paramoera austrinus*).
 Chilton, 1921d: 68, fig. 8a-c. (*Paramoera austrina* var. *megalophthalma*).
 ? Chilton, 1925a: 317. (questioned by Barnard J.L., 1972b). (*Paramoera austrina*).
 Monod, 1926: 55, fig. 54. (*Paramoera austrina*).
 Schellenberg, 1926a: 363. (*Paramoera capensis* f. *austrina*).
 Schellenberg, 1926c: 195. (*Paramoera capensis* f. *austrina*).
 ? Stephensen, 1927e: 328, figs. 13, 14. (?*Paramoera (capensis* f.) *austrina*).
 Pesta, 1928: 78. (?*Paramoera capensis* f. *austrina*).
 Schellenberg, 1931a: 194, figs. 99-100.
 André, 1932: 175. (*Paramoera austrina*).
 Monod & Dollfus, 1932: 73. (*Paramoera fissicauda fissicauda*).
 Schellenberg, 1935a: 232. (*Paramoera fissicauda fissicauda*).
 Stephensen, 1938c: 240.
 Ruffo, 1947d: 328. (*Paramoera fissicauda fissicauda*).
 Stephensen, 1947a: 64. (*Paramoera ?fissicauda*).
 Ruffo, 1949: 39.
 Barnard J.L., 1958e: 123.
 Barnard J.L., 1972b: 84.
 Arnaud, 1974: 544, 553, 559, 570, 575, tables 17, 19. (eco).
 Bellan-Santini & Ledoyer, 1974: 654, 663, pl. 10. (*Paramoera austrina*).
 Bellan-Santini & Ledoyer, 1974: 656, 663, pls. 13-14.
 Bellan-Santini & Ledoyer, 1974: 658. (*Paramoera australis*).
 Bellan-Santini & Ledoyer, 1974: 663, pls. 11-12. (*Paramoera austrina* f. *kerqueleni*).
 Thurston, 1974a: 72.
 Thurston, 1974b: 34. (*Paramoera australis*).
 Truchot, 1974: 21. (*Paramoera fissicauda*).
 Lowry & Bullock, 1976: 58-59.
 Barnard & Karaman, 1991: 332.
 Branch *et al.*, 1991: 20, 40, 42, fig. on p.20.
 Gonzalez, 1991a: 55.
 Klages, 1991: 49.
 Rauschert, 1991: 20-37.
 De Broyer & Jazdzewski, 1993: 42.
 De Broyer *et al.*, 1999: 165.
 Cherel *et al.*, 2002a: 268, table 3. (eco).
 Chiesa *et al.*, 2005: 170. (*Paramoera* cf. *fissicauda*).
- Distribution:** **E+W+G+S+M+**
Auckland Islands: no loc. (CC 06); Port Ross, low tide; Carnley Harbour, Masked Island, rocky coast (KS 27e).
Campbell Island: no loc. (CC 09b); Perseverance Harbour (KS 27e).
Iles Crozet: Crique du Navire [Ship Cove]; Ile de la Possession, beach (KS 47a); Ile de l'Est, Anse de l'Aventure (BS&L 74).
Falkland Islands: Roy Cove, low tide (TRS 14b); Port Louis, low tide; Port Stanley, 2 m (AS 31a).
Iles Kerguelen: no loc., rocky beaches (SIS 76); *Challenger 1873-76*, no loc., surface-45 m (TRS 88); no loc. (GMT 95); Passe Royale [Royal Sound] (AS 26a); Baie de l'Observatoire (AS 26a); Port Jeanne-d'Arc (MA 32), (BS&L 74); Port-Couvreux (M&D 32); Golfe du Morbihan, Fjord Bossière, low tide-2 m; Ile du Chat; Ile aux Moules, low tide; Port-aux-Français, low tide-3 m; Baie Larose, 0-1 m; Port Bizet, low tide; Port-Christmas; Bras Baudissin (BS&L 74); no loc. (JPT 74).
Magellan area: Islas Otter; Ultima Esperanza, low tide (bottom/habitat: under stones, brackish water); Puerto Angosto, low tide; 'Katanushuaia', 18-22 m (bottom/habitat: shells, algae); Bahia Harris, low tide; Puerto Toro, low tide; Bahia Gente Grande, low tide; Punta Arenas, low tide; Paramo, low tide; 'Puerto Gallegos', low tide; Santa Cruz, low tide; Canal Smith; Bahia Ushuaia, 2-4 m (bottom/habitat: kelp) (AS 31a); Isla dos Estados, Puerto Cook and Penguin Rookery; Estrecho de Magallanes, Punta Tandy (SR 47d;SR 49); southern Tierra del Fuego; Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).
Prince Edward Islands: no loc., 0-10 m (MLB *et al.* 91).
South Georgia: Possession Bay (CRS 14); Maiviken (OP 28); off Grytviken, low tide (bottom/habitat: *Macrocystis*) (AS 31a); Coal Harbour; Elsehul; Cumberland West Bay, Jason Harbour, 20 m (KS 38c).
South Shetland Islands: King George Island, Maxwell Bay; Fildes Strait, 16 stations, 5-70 m; Drake Passage coast, 0-2 m (MR 91).
Weddell Sea: eastern shelf (MK 91; CDB *et al.* 99).
Depth range: 0-45 m.
Type-locality: Chile: near Vina del Mar (nine miles north of Valparaiso) (JDD 53).
Extralimital distribution: Australia; Chatham Islands; Chile; New Zealand; South Atlantic Ocean.
Extralimital depth range:
Type specimen location:
Remarks: Confuse taxonomy and distribution to be revised.

***Paramoera gregaria* (Pfeffer, 1888)**

Pfeffer, 1888: 110, pl. 2: fig. 7. (*Stebbingia gregaria*).
 Stebbing, 1906: 358. (*Stebbingia gregaria*).
 Walker, 1907: 33. (?*Stebbingia gregaria*).
 Barnard K.H., 1932: 206, figs. 118 I, 124.
 Nicholls, 1938: 116, figs. 52g, 59. (synonymy suggested by Barnard J.L., 1972b). (?*Paramoera* sp.).
 Stephensen, 1949: 16, fig. 5.
 Macnae, 1953: 1026.
 Barnard J.L., 1958e: 123.
 Barnard J.L., 1972b: 85. (?*Paramoera* sp.).
 Bellan-Santini & Ledoyer, 1974: 657.
 Thurston, 1974a: 72.
 Thurston, 1974b: 34.
 Truchot, 1974: 21. (*Paramoera gregaria*).
 Lowry & Bullock, 1976: 59.
 Lincoln & Hurley, 1981: 108, fig. 3b.
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 42.

Distribution: E+W+G+S+M+T

Iles Kerguelen: no loc. (JPT 74).

Macquarie Island: Garden Bay, low water; Hasselbrough Bay, 21 m (GEN 38).

Magellan area: *Discovery 1925-27*, sta. 222, Isla Hermite, Caleta San Martin, 30-35 m (gear: large fish trap, large rectangular net) (KHB 32).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay (AOW 07).

South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88); Ocean Harbour, beach (KHB 32).

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha*, sta. 160, Inaccessible Island, 0 m (KS 49); Tristan da Cunha Island, 0 m (bottom/habitat: under stones in rock pools on all the north-western beaches) (WM 53).

Depth range: 0-21 m.

Type-locality: South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88).

Type specimen location: ZMH, Hamburg.

***Paramoera hamiltoni* Nicholls, 1938**

Nicholls, 1938: 117, figs. 52h, n, 60.
 Ruffo, 1949: 39.
 Barnard J.L., 1958e: 123.
 Barnard J.L., 1972b: 84.
 Bellan-Santini & Ledoyer, 1974: 657.
 Thurston, 1974b: 34.
 Truchot, 1974: 21. (*Paramoera hamiltoni*).
 Lowry & Bullock, 1976: 59.
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 42.

Distribution:

S

Iles Kerguelen: no loc. (JPT 74).

Macquarie Island: North End, low tide; South East Harbour (GEN 38).

Depth range: 0 m.

Type-locality: Macquarie Island: North End, low tide; South East Harbour (GEN 38).

Type specimen location: AM, Sydney.

***Paramoera hermitensis* K.H. Barnard, 1932**

Barnard K.H., 1932: 208, figs. 118 I, 126.
 Ruffo, 1949: 39.
 Barnard J.L., 1958e: 123.
 Bellan-Santini & Ledoyer, 1974: 657.
 Thurston, 1974a: 72.
 Thurston, 1974b: 34.
 Lowry & Bullock, 1976: 59-60.
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 42.

Distribution:

M

Magellan area: *Discovery 1925-27*, sta. 222, Isla Hermite, Caleta San Martin, 30-35 m (gear: large fish trap, large rectangular net) (KHB 32).

Depth range: 30-35 m.

Type-locality: Magellan area: *Discovery 1925-27*, sta. 222, Isla Hermite, Caleta San Martin, 30-35 m (gear: large fish trap, large rectangular net) (KHB 32).

Type specimen location: NHM, London.

***Paramoera hurleyi* Thurston, 1974a**

Thurston, 1974a: 73, figs. 30a-q, 31a-i.
 Bellan-Santini & Ledoyer, 1974: 661.
 Thurston, 1974b: 34.
 Lowry & Bullock, 1976: 60.
 ? Arnaud *et al.*, 1986: 16, tab.I. (*Paramoera* cf. *hurleyi*).
 Barnard & Karaman, 1991: 332.
 Jazdzewski *et al.*, 1991: 110.
 Rauschert, 1991: 20-37.
 Jazdzewski *et al.*, 1992: 464, 469.
 De Broyer & Jazdzewski, 1993: 42.
 Jazdzewski *et al.*, 1996: 370.
 De Broyer *et al.*, 1999: 165.

Distribution:

E+W

South Orkney Islands: Signy Island, Borge Bay, 5-20 m; Paal Harbour, 5-25 m (MHT 74a).

South Shetland Island: King George Island, Maxwell Bay; Fildes Strait, 20 stations, 1-70 m (MR 91); Admiralty Bay, 4-30 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91).

Weddell Sea: eastern shelf (CDB *et al.* 99).

Depth range: 1-70 m.

Type-locality: South Orkney Islands: Signy Island, Paal Harbour, 5-25 m (MHT 74a).

Type specimen location: NHM, London.

***Paramoera husvikensis* Thurston, 1974b**

Thurston, 1974b: 35, figs. 11, 12.
 Lowry & Bullock, 1976: 60.
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 42.

Distribution:

South Georgia: Husvik, low tide (MHT 74b).

Depth range: 0 m.

Type-locality: South Georgia: Husvik, low tide (MHT 74b).

Type specimen location: NHM, London.

?*Paramoera incognita* Bushueva, 1986

Bushueva, 1986: 1300-1302, fig. 2.
 Barnard & Karaman, 1991: 289, 298, 332.
 De Broyer & Jazdzewski, 1993: 42.

Distribution:

Davis Sea: Cape Mabus, 5 m; Tokarev Island, 5-6 m (IVB 86).

Depth range: 5-6 m.

Type-locality: Davis Sea: Cape Mabus, 5 m; Tokarev Island, 5-6 m (IVB 86).

Type specimen location: ZIN, St Petersburg.

***Paramoera kergueleni* Bellan-Santini & Ledoyer, 1974**

Bellan-Santini & Ledoyer, 1974: 663, figs. 11-12. (*Paramoera austrina* f. *kergueleni*).
 Lowry & Bullock, 1976: 58-59. (*Paramoera fissicauda*, in part).
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 42.

Distribution:

Iles Kerguelen: Golfe du Morbihan; Fjord Bossière, low tide (BS&L 74).

Depth range: 0 m

Type-locality: Iles Kerguelen: Golfe du Morbihan; Fjord Bossière, low tide (BS&L 74).

Type specimen location: MCSN, Verona.

***Paramoera macquariae* Nicholls, 1938**

Nicholls, 1938: 119, figs. 52j, 61.
 Ruffo, 1949: 39.
 Barnard J.L., 1958e: 123.
 Kenny & Haysom, 1962: 256, 260, table 4.
 Barnard J.L., 1972b: 85.
 Bellan-Santini & Ledoyer, 1974: 657.
 Thurston, 1974b: 34.
 Lowry & Bullock, 1976: 60.
 Barnard & Karaman, 1991: 332.

De Broyer & Jazdzewski, 1993: 42.

Distribution:

Macquarie Island: no loc. (K&H 62); North End, beach (GEN 38).

Depth range: 0 m.

Type-locality: Macquarie Island: North End, beach (GEN 38).

Type specimen location: AM, Sydney.

***Paramoera obliquimana* K.H. Barnard, 1932**

Barnard K.H., 1932: 208, figs. 118j, 125. (*Paramoera obliquimanus*).
 Ruffo, 1949: 39. (*Paramoera obliquimanus*).
 Barnard J.L., 1958e: 123. (*Paramoera obliquimanus*).
 Bellan-Santini & Ledoyer, 1974: 657. (*Paramoera obliquimanus*).
 Thurston, 1974a: 72.
 Thurston, 1974b: 34. (*Paramoera obliquimanus*).
 Lowry & Bullock, 1976: 60.
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 42.

Distribution:

Falkland Islands: *Discovery 1925-27*, sta. 54, East Falkland Island, Port Stanley, shore (KHB 32).

Depth range: 0 m.

Type-locality: Falkland Islands: *Discovery 1925-27*, sta. 54, East Falkland Island, Port Stanley, shore (KHB 32).

Type specimen location: NHM, London.

***Paramoera parva* Ruffo, 1949**

Ruffo, 1949: 41, figs. 13, 14.
 Barnard J.L., 1958e: 23.
 Bellan-Santini & Ledoyer, 1974: 657.
 Thurston, 1974a: 72.
 Thurston, 1974b: 34.
 Lowry & Bullock, 1976: 60.
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 42.

Distribution:

Magellan area: *Belgica 1897-99*, Canal Beagle, Lapataia (SR 49).

Depth range:

Type-locality: Magellan area: *Belgica 1897-99*, Canal Beagle, Lapataia (SR 49).

Type specimen location: IRScNB, Brussels.

?*Paramoera pfefferi* Schellenberg, 1931a

Schellenberg, 1931a: 198, fig. 101.
 Schellenberg, 1935a: 232.
 Ruffo, 1949: 39.

Barnard J.L., 1958e: 123.
 Bellan-Santini & Ledoyer, 1974: 657.
 Thurston, 1974a: 72.
 Thurston, 1974b: 34, 38.
 Lowry & Bullock, 1976: 60-61.
 Gonzalez, 1991a: 55.
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 42.

Distribution:**G+M+**

Falkland Islands: Port Louis (bottom/habitat: stones, algae); Port William, 22 m (bottom/habitat: sand); Cape Pembroke, low tide; Port Stanley, 2 m (AS 31a).

Magellan area: Bahia Isthmus, low tide; Puerto Angosto, 18 m; 'Puerto Laguna', beach; 'Katanushuaia', 18-20 m (bottom/habitat: shalls, algae); Isla Nueva, 2 m; Caleta Lennox, 18 m (bottom/habitat: Florideae); Puerto Hope, 11-18 m; Punta Arenas, low tide; Isla Lennox (AS 31a); *Discovery 1925-27*, sta. 222, Cabo de Hornos (KHB 32); Estrecho de Magallanes (EG 91a).

South Georgia: off Grytviken, low tide (bottom/habitat: among seagrass); Cumberland Bay, 252-310 m (bottom/habitat: greyish clay, stones) (AS 31a); New Fortuna Bay (KHB 32); Husvik, low tide (MHT 74b).

Depth range: 0-310 m.

Type-locality: Falkland Islands: Port Louis; Port William, 22 m; Cape Pembroke, low tide; Port Stanley, 2 m (bottom/habitat: kelp holdfasts) (AS 31a).

Magellan area: Bahia Isthmus, low tide; Puerto Angosto, 18 m; 'Puerto Laguna'; 'Katanushuaia', 18-20 m; Isla Nueva, 2 m; Caleta Lennox, 18 m; Puerto Hope, 11-18 m; Punta Arenas, low tide; Isla Lennox (AS 31a);

South Georgia: off Grytviken, low tide; Cumberland Bay, 250-310 m (AS 31a).

Extralimital distribution: Peru.

Extralimital depth range:

Type specimen location: NRS, Stockholm.

***Paramoera schellenbergi* Nicholls, 1938**

Nicholls, 1938: 120, figs. 52k, 62.
 Ruffo, 1949: 39.
 Barnard J.L., 1958e: 23.
 Kenny & Haysom, 1962: 252, 256, 260, tables 3, 4.
 Barnard J.L., 1972b: 85.
 Arnaud, 1974: 560. (eco).
 Bellan-Santini & Ledoyer, 1974: 657.
 Thurston, 1974b: 34.
 Lowry & Bullock, 1976: 61.
 Wakabara *et al.*, 1990: 2, 4, 6.
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 43.

Distribution:**W+S**

Macquarie Island: Garden Bay, low tide (GEN 38); Buckles Bay, intertidal (K&H 62).

South Shetland Islands: King George Island, intertidal (YW

et al. 90).

Depth range: 0 m.

Type-locality: Macquarie Island: Garden Bay, low tide (GEN 38).

Type specimen location: AM. Sydney.

***Paramoera tristanensis* K.H. Barnard, 1932**

Barnard K.H., 1932b: 209, figs. 118k, 127.
 Stephensen, 1949: 16.
 Macnae, 1953:1026.
 Barnard K.H., 1965: 206.
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 43.

Distribution:**T**

Gough Island: *Discovery 1925-27*, sta. WS 123, shore collecting (KHB 32); 40°21'S 09°55'W; Dell Rocks; Half-way Cave (KHB 65).

Tristan da Cunha: Tristan da Cunha Island, north-western beaches, 0 m (bottom/habitat: among corallines) (WM 53); *Discovery 1925-27*, sta. 6, 3 miles N 30° E of settlement, 80-140 m (bottom/habitat: rocks; gear: large dredge) (KHB 32); *Norw. Sci. Exp. Tristan da Cunha*, Tristan da Cunha Island: sta. 1, 4-5 m; sta. 2, 4-6 m; sta. 13, 0 m; sta. 39, 0 m; sta. 47, 0 m; sta. 51, 5-10 m; sta. 54, 13-20 m; sta. 70, 0 m; sta. 72, 0 m; sta. 77, 0 m; sta. 80, 8-12 m; sta. 94, 0 m; sta. 167, 0 m; sta. 169, 0 m; Nightingale Island: sta. 106, 0 m; sta. 118, 8-10 m; sta. 142, 4-10 m; Inaccessible Island: sta. 151, 5 m; sta. 153, 7-8 m; sta. 155, 8-9 m; sta. 157, 0 m; sta. 160, 0 m (KS 49).

Depth range: 0-140 m.

Type-locality: Tristan da Cunha: *Discovery 1925-27*, sta. 6, 3 miles N 30° E of settlement, 80-140 m (bottom/habitat: rocks; gear: large dredge) (KHB 32).

Type specimen location: NHM, London.

***Paramoera walkeri* (Stebbing, 1906)**

Stebbing, 1906: 728. (*Atylus walkeri*).
 Walker, 1903a: 58, pl. 11: fig. 91-97, (junior homonym). (*Atylus antarcticus*).
 Walker, 1907: 34. (*Atylus walkeri*).
 Chilton, 1909b: 624. (*Atylus walkeri*).
 Chevreux, 1913c: 169, fig. 53-55. (*Bovallia walkeri*).
 Shoemaker, 1914: 74. (*Bovallia monoculoides*, in part; part = *Bovallia gigantea*, *Eusiroides monoculoides*).
 Monod, 1926: 57.
 Stephensen, 1927e: 326.
 Schellenberg, 1929c: 281.
 Barnard K.H., 1930: 388, 450.
 Schellenberg, 1931a: 197.
 ? Barnard K.H., 1932: 206, 315, fig. 118 l, (questioned by Nicholls, 1938). (*Paramoera walkeri*).
 Nicholls, 1938: 114, figs. 52f, m, 58a, b.
 Stephensen, 1938c: 240.
 Stephensen, 1947: 64.

Ruffo, 1949: 39.
 Barnard J.L., 1958e: 24.
 Andriashev, 1967: 1588.
 Gruzov *et al.*, 1967: 128. (*Bovallia walkeri*).
 Andriashev, 1968: 150.
 Emison, 1968: 202, fig. 12, tables 10-12.
 Gruzov *et al.*, 1969: 107. (*Bovallia walkeri*).
 Bellan-Santini, 1972a: 186.
 Bellan-Santini, 1972b: 688.
 Rakusa-Suszczewski, 1972: 11-36.
 Klekowski *et al.*, 1973: 301-308. (phl).
 Rakusa-Suszczewski & Klekowski, 1973: 475-488, figs. 1-7, table 1.
 Arnaud, 1974: 527, 562, table 20 (eco).
 Bellan-Santini & Ledoyer, 1974: 657.
 Opaliński, 1974: 423-429. (phl).
 Rakusa-Suszczewski & Dominas, 1974: 261-226. (phl).
 Thurston, 1974a: 72.
 Thurston, 1974b: 34, 38.
 Lowry & Bullock, 1976: 61-62.
 Nagata, 1986b: 264-268, figs. 5-7.
 Slattery & Oliver, 1986: 173.
 De Nicola *et al.*, 1990: 115-124, figs. 1-2.
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 43.
 Clason *et al.*, 2003: 117-140. (tox).
 Duquesne & Liess, 2003: 183-191. (tox, eco).
 La Mesa *et al.*, 2004: 724, table 2. (eco).

Distribution:**E+W+G**

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 7-9 m (GEN 38); Géologie Archipelago (DBS 72a); 64°17.6'S 135°48.3'E (KN 86b).

Davis Sea: 'Mirnyj Station' (SRS 72).

Enderby Land: Alasheyev Bight, Thala Hills, 2-10 m (SRS 72); 67°40'S 45°50'E (RZK *et al.* 73).

Marguerite Bay: Stonington Island, littoral (MHT 74b).

Palmer Archipelago: Port Lockroy, Goudier Island, littoral (MHT 74b).

Ross Sea: Winter Quarters Bay, Hut Point, 5-18 m; Cape Adare, beach (AOW 03a), *Terra Nova 1910*: sta. 219, Cape Adare, 10 m; sta. 321, McMurdo Sound, 180-250 m; sta. 351, 205 m (KHB 30); *Nimrod 1907-1909*, 13-36 m (KHB 30); Cape Crozier (WBE 68); McMurdo Sound (gear: baited traps) (S&O 86); Terra Nova Bay, between Campbell Glacier Tongue and Cape Russell, from stomach content of *Trematomus bernacchii* (ML *et al.* 04).

South Georgia: off Grytviken, 5 and 18 m (bottom/habitat: stones); mouth of Grytviken, 12-30 m (bottom/habitat: sand, gravel, algae); mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a); Cumberland Bay; King Edward Cove (KHB 32); Godthul Bay, 55 m; 'Hystadhullet', 10-40 m; Hound Bay, 18 m (KS 47a).

South Shetland Islands: Deception Island, Pendulum Cove (EC 13c), *Discovery 1925-27*, sta. 173, Deception Island, Port Foster, 5-60 m (gear: tow-net of coarse silk) (KHB 32).

Depth range: 0-310 m.

Type-locality: Ross Sea: Cape Adare, beach (AOW 03a).

Type specimen location: NHM, London.

***Paramoera* sp. 1 Shoemaker, 1945d**

Shoemaker, 1945d: 291.
 Lowry & Bullock, 1976: 62. (*Paramoera* sp. 1).
 Barnard & Karman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 43. (*Paramoera* sp. 1).

Distribution:**W**

Palmer Archipelago: Melchior Harbour (CRS 45d).

Depth range:

***Paramoera* sp. 2 J.L. Barnard, 1972b**

Barnard J.L., 1972b: 87.
 Chilton, 1909b: 628, fig. 3. (*Atyloides aucklandicus*).
 Lowry & Bullock, 1976: 62. (*Paramoera* sp. 2)
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 43. (*Paramoera* sp. 2)

Distribution:**S**

Auckland Islands: Enderby Island (CC 09b).

Depth range:

***Paramoera* sp. 3 Bellan-Santini & Ledoyer, 1974**

Bellan-Santini & Ledoyer, 1974: 669, pl. 15.
 Lowry & Bullock, 1976: 62. (*Paramoera* sp. 3).
 Barnard & Karaman, 1991: 332.
 De Broyer & Jazdzewski, 1993: 43. (*Paramoera* sp. 3).

Distribution:**S**

Iles Crozet: Ile de l'Est, Anse de l'Aventure (BS&L 74).

Iles Kerguelen: Golfe du Morbihan, Ile du Chat; Fjord Bossière, low tide; Port Douzième, littoral; Anse Joliette, 10-54 m; Port-aux-Français, low tide; Bras Baudissin, low tide (BS&L 74).

Depth range: 0-54 m.

***Paramoera* sp. 4 Nicholls, 1938**

Nicholls, 1938: 116, figs. 52g, 59.
 De Broyer & Jazdzewski, 1993: 44. (*Paramoera* sp. 11).

Distribution:**S**

Macquarie Island:

Depth range:

***Paramoera* spp. Barnard & Karaman, 1991**

Barnard & Karaman, 1991: 332. (*Paramoera* spp.).

Distribution:

Depth range:

***Protebblingia brevicornis* (Chevreux, 1906c)**

Chevreux, 1906c: 84, fig. 3. (*Atyloides brevicornis*).
 Chevreux, 1906e: 79, figs. 45-47. (*Atyloides brevicornis*).
 Chevreux, 1911b: 403. (*Atyloides brevicornis*).
 Chilton, 1912a: 498. (*Paramoera austrina*, in part; part = *Paramoera fissicauda*, *Protebblingia longicornis*).
 Chilton, 1925a: 178. (*Atyloides brevicornis*).
 Schellenberg, 1929c: 278. (*Pontogeneiella brevicornis*).
 Schellenberg, 1931a: 191. (*Pontogeneiella brevicornis*).
 Barnard K.H., 1932: 200, fig. 118f. (*Pontogeneiella brevicornis*).
 Nicholls, 1938: 109, figs. 52c, 56. (*Pontogeneiella brevicornis*).
 Stephensen, 1938c: 239. (*Pontogeneiella brevicornis*).
 Stephensen, 1947a: 61. (*Pontogeneiella brevicornis*).
 Barnard J.L., 1958e: 125. (*Pontogeneiella brevicornis*).
 Barnard J.L., 1972b: 93. (*Pontogeneiella brevicornis*).
 Bellan-Santini & Ledoyer, 1974: 669, pl. 16. (*Pontogeneiella brevicornis*).
 Thurston, 1974a: 85. (*Pontogeneiella brevicornis*).
 Thurston, 1974b: 38. (*Pontogeneiella brevicornis*).
 Lowry & Bullock, 1976: 62-63. (*Pontogeneiella brevicornis*).
 Jażdżewski, 1981: 135. (*Pontogeneiella brevicornis*). (eco).
 Arnaud *et al.*, 1986: 16, tab. I. (*Pontogeneiella brevicornis*).
 Bellan-Santini & Ledoyer, 1987: 379. (*Pontogeneiella brevicornis*).
 Barnard & Karaman, 1991: 335.
 Branch *et al.*, 1991: 20, 40, fig. on p. 20 (*Pontogeneiella brevicornis*).
 Jażdżewski *et al.*, 1991: 110. (*Pontogeneiella brevicornis*).
 Rauschert, 1991: 20-37.
 Jażdżewski *et al.*, 1992: 464, 469.
 De Broyer & Jażdżewski, 1993: 45.
 Jażdżewski *et al.*, 1996: 370.
 Garcia *et al.*, 2003: 59-63. (*Pontogeneiella brevicornis*). (part).

Distribution: W+G+S

Bouvet Island: 60 m (KS 47a).

Iles Crozet: Ile de la Possession, Crique du Navire (BS&L 74).

Macquarie Island: Garden Bay, low tide; North End (GEN 38).

Prince Edward Islands: *Marion Dufresne* 08, sta. 18 RK 109, 138 m; sta. 22 DC 124, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand) (BS&L 87); 0-45 m (MLB *et al.* 91).

Palmer Archipelago: littoral; Peltier Channel, 18 m (MHT 74b); Peter Island, Ranvika, 64 m (KS 47a); Port Lockroy, French Passage, 6-40 m (KS 47a).

South Georgia: mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones); Grytviken, 8 m (AS 31a); *Discovery* 1925-27, sta. WS 56, Larsen Harbour, Drygalski Fjord, 2 m (gear: hand net) (KHB 32); Godthul Bay, 55 m; 'Hystadhullet' (KS 47a); Coal Harbour, 19 m (KS 38c).

South Orkney Islands: *Scotia* 1902-04, sta. 325, 325A, Laurie Island, Scotia Bay, 4-18 m, (bottom/habitat: gravel and clumps of weeds, gear: dredge) (CC 12a); *Discovery* 1925-27, sta. 165, Signy Island, Dove Channel, 24-36 m (gear: large fish

trap) (KHB 32), Borge Bay, 5-20 m, Paal Harbour, 5-25 m (MHT 74a).

South Sandwich Islands: 55-91 m (EC 11c); Zavodovski Island, 56°17'S 27°30'W; Candlemas Islands, Vulcan Point; Bristol Island (KS 47a), 46-64 m (MHT 74b); Visokoi Island, 55-99 m (KS 47a), 55-91 m (MHT 74b).

South Shetland Islands: Deception Island, 5-18 m (MHT 70); 75 m (KS 47a); *Discovery* 1925-27, sta. 173, Deception Island, Port Foster, 5-60 m (gear: tow-net of coarse silk) (KHB 32); King George Island, Maxwell Bay, 2-15 m (MR 91); Admiralty Bay, Arctowski Station (in penguin stomach) (KJ 81); Admiralty Bay, 4-90 m (gear: SCUBA, with Tvärminne sampler, Van Veen grab) (KJ *et al.* 91, 92); Admiralty Bay (FG *et al.* 03).

Trinity Peninsula: Hope Bay, Hut Cove, 9 m (MHT 74b).

Wilhelm Archipelago: Booth Island (EC 06c); French Passage, 6-40 m (KS 47a).

Depth range: 0-310 m.

Type-locality: Wilhelm Archipelago: Booth Island (EC 06c).

Type specimen location: MNHN, Paris.

***Protebblingia gracilis* (Chevreux, 1912a)**

Chevreux, 1912a: 218. (*Stebbingia gracilis*).
 Chevreux, 1913c: 173, fig. 56-58. (*Stebbingia gracilis*).
 Schellenberg, 1926a: 358.
 Schellenberg, 1931a: 191.
 Barnard K.H., 1932: 201, fig. 118d, 121.
 Stephensen, 1947a: 62.
 Barnard J.L., 1958e: 125.
 Bellan-Santini, 1972a: 688.
 ? Bellan-Santini, 1972a: 187, pl. 11, 12. (questioned by Thurston, 1974b).
 Arnaud, 1974: 535, 565.
 Thurston, 1974a: 84, fig. 29 I.
 Thurston, 1974b: 39.
 Lowry & Bullock, 1976: 64.
 Arnaud *et al.*, 1986: 16, tab. I.
 Barnard & Karaman, 1991: 335.
 Jażdżewski *et al.*, 1991: 110.
 Ren & Huang, 1991: 219-220, fig. 20.
 Rauschert, 1991: 20-37.
 Jażdżewski *et al.*, 1992: 464, 469.
 De Broyer & Jażdżewski, 1993: 45.
 Jażdżewski *et al.*, 1996: 370.
 De Broyer *et al.*, 1999: 165.
 Gutt *et al.*, 2000: 76-77.
 Olaso *et al.*, 2000: 143-158. (eco).

Distribution: E+W+G

Adélie Coast: Géologie Archipelago, 10-130 m; Cape Géodésie, 70-170 m (DBS 72a).

Bransfield Strait: *Discovery* 1925-27, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Davis Sea: Gaussberg, 170 m; 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Marguerite Bay: 254 m (EC 13c); Stonington Island, Back Bay, 16 m; Trepassey Island, 4 m (MHT 74b).

Palmer Archipelago: *Discovery 1925-27*, sta. 179, Melchior Islands, Schollaert Channel, 4-10 m (gear: small dredge; bottom: rock) (KHB 32); Port Lockroy, low tide-18 m. Lecuyer Point, Peltier Channel, 18-27 m (MHT 74b).

South Georgia: Cumberland Bay, tidal zone (bottom/habitat: among algae); mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay with stones); Maiviken, low tide; off Grytviken, 12-20 m (AS 31a); *Discovery 1925-27*, sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl); sta. MS 71, Cumberland East Bay, 110-60 m (gear: small beam trawl, tow-net of coarse silk); sta. MS 74, Cumberland East Bay, 22-40 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32).

South Orkney Islands: Signy Island, Borge Bay, low water-20 m, Paal Harbour, 5-25 m, Normanna Strait, off Balin Point, 37-55 m (MHT 74a).

South Shetland Islands: *Discovery 1925-27*, sta. 173, Deception Island, Port Foster, 5-60 m (gear: tow-net of coarse silk) (KHB 32); 62°51.6'S 61°06'W, 302 m; 63°30'S 62°31'W, 180 m; 62°33.1'S 56°23.6'W, 278 m (R&H 91); King George Island, Maxwell Bay; Fildes Strait, 31 stations, 1-70 m (MR 91); Admiralty Bay, 4-30 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91).

Trinity Peninsula: Paulet Island, 100-150 m (bottom/habitat: gravel, small stones) (AS 31a); Hope Bay, Grunden Rock, littoral (MHT 74b).

Weddell Sea: eastern shelf (CDB *et al.* 99); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl) (JG *et al.* 00).

Wilhelm Archipelago: Petermann Island, Port Circumcision, 5 m; Lemaire Channel, 40-60 m (EC 13c); French Passage, 6-40 m (KS 47a).

Depth range: 0-385 m.

Type-locality: Marguerite Bay: 254 m; Wilhelm Archipelago: Petermann Island, Port Circumcision, 5 m; Lemaire Channel, 40-60 m (EC 13c).

Type specimen location: MNHN, Paris.

***Prostebbingia laevis* (Thomson, 1879a)**

Thomson, 1879a: 330, pl. 16: figs. 1-4. (*Amphithonotus laevis*).

Non Haswell, 1879a: 260-261, pl. 9: fig. 4. (*Pherusa laevis*).

Thomson, 1881: 215, fig. 6. (*Amphithonotus levis*).

Thomson & Chilton, 1886: 148. (*Amphithonotus levis*).

Stebbing, 1906: 741. (*Amphithonotus levis*).

Thomson, 1913: 243. (*Paradexamine laevis*).

Chilton, 1921b: 222, fig. 2a-f. (*Apherusa levis*).

? Stephensen, 1927e: 336, fig. 17. (questioned by Barnard J.L., 1972b). (*Paramoera australina* var. *megalophthalma*).

Barnard K.H., 1930: 369. (*Apherusa levis*).

Barnard J.L., 1958e: 39. (*Paradexamine laevis*).

Barnard J.L., 1972b: 28, 93, fig. 44, (in key). (*Pontogeneiella levis*).

Non Barnard J.L., 1974b: 143. (*Pontogeneiella laevis*)

Lowry, 1974a: 109, 125, fig. 7b, d, (in key). (*Pontogeneiella levis*).

Lowry & Bullock, 1976: 63. (*Pontogeneiella levis*).

Barnard & Karaman, 1991: 335.

De Broyer & Jazdzewski, 1993: 45.

Distribution:

S+

Campbell Island: Perseverance Harbour (KS 27e).

Depth range:

Type-locality: New Zealand: Dunedin Harbour (GMT 79b).

Extralimital distribution: New Zealand.

Extralimital depth range:

Type specimen location:

***Prostebbingia longicornis* (Chevreux, 1906e)**

Chevreux, 1906e: 84, figs. 48-50. (*Atyloides longicornis*).

Chilton, 1912a: 498. (*Paramoera australina*, in part, part = *Paramoera fissicauda*, *Pontogeneiella brevicornis*).

Chevreux, 1913c: 179. (*Atyloides longicornis*).

Schellenberg, 1929c: 278. (*Pontogeneiella longicornis*).

Schellenberg, 1931a: 190. (*Pontogeneiella longicornis*).

Barnard K.H., 1932: 200, fig. 118f. (*Pontogeneiella longicornis*).

Stephensen, 1947a: 62. (*Pontogeneiella longicornis*).

Barnard J.L., 1958e: 125. (*Pontogeneiella longicornis*).

Castellanos, 1973: 12, 14, 16. (*Schraderia longicornis*).

Castellanos, 1973: 17. (*Atyloides longicornis*).

Thurston, 1974a: 86. (*Pontogeneiella longicornis*).

Thurston, 1974b: 39. (*Pontogeneiella longicornis*).

Lowry & Bullock, 1976: 63-64. (*Pontogeneiella longicornis*).

Andres, 1982: 173-174, figs. 9-11. (*Pontogeneiella longicornis*).

Barnard & Karaman, 1991: 336.

De Broyer & Jazdzewski, 1993: 45.

Distribution:

W+G

Danco Coast: Paradise Harbour, Coughtrey Peninsula, 60-80 m, 'Point Vidt', 4-25 m, 'Cape Hernan', 15-22 m, 'Point Piedras', 40-50 m; (ZJC 73).

Marguerite Bay: Trepassey Island, 4 m (MHT 74b).

Palmer Archipelago: Wiencke Island, 25 m; Neumayer Channel [Canal de Roosen], 129 m (EC 13c); Bismarck Strait 90-130 m (KHB 32); Port Lockroy, 6-70 m (KS 47a), Lecuyer Point, Peltier Channel, 18-27 m (MHT 74b).

South Georgia: no loc. (MHT 74b); Grytviken 30 m (bottom/habitat: stones, algae); Grytviken, 12-15 m (bottom/habitat: sand, algae); Grytviken, 24-52 m (bottom/habitat: greyish clay, algae); Grytviken, 22 m (bottom/habitat: clay, algae); mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones); Stromness Harbour, 8 m (AS 31a); *Discovery 1925-27*, sta. WS 25, Undine Harbour, 18-27 m (bottom/habitat: mud, sand; gear: small beam trawl); sta. MS 10, Cumberland East Bay, 26-18 m (gear: small beam trawl); sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl) (KHB 32); 'Hystadhullet', 40 m (KS 47a).

South Orkney Islands: Signy Island, Borge Bay, 5-20 m, Paal

Harbour, 5-49 m (MHT 74a).

South Shetland Islands: Deception Island (MHT 74b), 75 m (KS 47a); *Walther Herwig 1977-78*, sta. 384, 61°15'S 54°16'W, 0-145 m (bottom: 180 m; gear: RMT) (HGA 82).

Trinity Peninsula: Paulet Island, 100-150 m (bottom/habitat: gravel, small stones) (AS 31a).

Wilhelm Archipelago: Port Charcot, 40 m; Booth Island, 40 m; Petermann Island; Lemaire Channel, 40-60 m (EC 13c).

Depth range: 4-310 m.

Type-locality: Wilhelm Archipelago: Port Charcot; Booth Island (EC 06e).

Type specimen location: MNHN, Paris.

***Prostebbingia serrata* Schellenberg, 1926a**

Schellenberg, 1926a: 358, fig. 54.

Walker, 1907: 33, pl. 12: fig. 20. (*Pontogeneia magellanica*).

Barnard J.L., 1958e: 125.

Bellan-Santini, 1972a: 187, pl. 13.

Bellan-Santini, 1972b: 688.

Arnaud, 1974: 535 (eco).

Thurston, 1974b: 39.

Lowry & Bullock, 1976: 64-65.

Barnard & Karaman, 1991: 336.

? Ren & Huang, 1991: 220-222, fig. 21.

De Broyer & Jazdzewski, 1993: 15, 45.

Gutt *et al.*, 2000: 76-77.

Distribution: E+W

Adélie Coast: Géologie Archipelago, 10-90 m; Cape Géodésie, 70-110 m (DBS 72a).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m; *Gauss*, 65°47'S 88°E, 400 m (AS 26a).

Marguerite Bay: Stonington Island, 64 m (MHT 74b).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, Hut Point; Tent Island (AOW 07).

? **South Shetland Islands:** 62°51.6'S 61°06'W, 302 m; 62°44.9'S 61°02.6'W, 128 m; 62°51.6'S 58°07.5'W, 654 m (R&H 91).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl) (JG *et al.* 00).

Depth range: 10-400 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m; *Gauss*, 65°47'S 88°E, 400 m (AS 26a).

Type specimen location: MNB, Berlin.

***Prostebbingia spinicauda* Ren, 1991**

Ren, 1991 in Ren & Huang, 1991: 222-225, 301-302, fig. 22

De Broyer & Jazdzewski, 1993: 45.

Distribution: W(+Ba)

South Shetland Islands: 62°51.6'S 61°06'W, 302 m (bottom/habitat: mud) (R&H 91).

Bransfield Strait: 62°51.6'S 58°07.5'W, 654 m (bottom/habitat: mud, sand) (R&H 91).

Depth range: 302-654 m.

Type-locality: South Shetland Islands: 62°51.6'S 61°06'W, 302 m (bottom/habitat: mud) (R&H 91).

Bransfield Strait: 62°51.6'S 58°07.5'W, 654 m (bottom/habitat: mud, sand) (R&H 91).

Type specimen location: IOQ, Qingdao

***Schraderia acuticauda* Bellan-Santini & Ledoyer, 1974**

Bellan-Santini & Ledoyer, 1974: 669, pl. 17.

Arnaud, 1974: 553,556, tables 17,18.

Lowry & Bullock, 1976: 65-66.

Barnard & Karaman, 1991: 340.

Rauschert, 1991: 20-37.

De Broyer & Jazdzewski, 1993: 46.

Distribution: W+S

Iles Kerguelen: Golfe du Morbihan, 15 m; Fjord Bossière, 10-15 m (BS&L 74).

South Shetland Islands: King George Island, Maxwell Bay; Fildes Strait, 8-35 m (MR 91).

Depth range: 10-15 m.

Type-locality: Iles Kerguelen: Golfe du Morbihan, 15 m; Fjord Bossière, 10-15 m (BS&L 74).

Type specimen location: MCSN, Verona.

***Schraderia barnardi* Thurston, 1974a**

Thurston, 1974a: 68, fig. 28a-r, 29a-e.

Thurston, 1974b: 29.

Lowry & Bullock, 1976: 66.

Barnard & Karaman, 1991: 340.

Rauschert, 1991: 20-37.

De Broyer & Jazdzewski, 1993: 46.

Distribution: W

Palmer Archipelago: Port Lockroy, Goudier Island, low tide (MHT 74b).

South Orkney Islands: Signy Island, Borge Bay. 5-20 m, Paal Harbour, 20-25 m (MHT 74a).

South Shetland Islands: King George Island, Maxwell Bay and Fildes Strait, 7 stations, 5-35 m (MR 91).

Depth range: 0-25 m.

Type-locality: Palmer Archipelago: Port Lockroy, Goudier Island, low tide (MHT 74b).

South Orkney Islands: Signy Island, Borge Bay. 5-20 m, Paal Harbour, 20-25 m (MHT 74a).

Type specimen location: NHM, London.

***Schraderia dubia* Thurston, 1974a**

Thurston, 1974a: 65, figs. 26a-p, 27a-g.

Thurston, 1974b: 39.

Lowry & Bullock, 1976: 66.
 Barnard & Karaman, 1991: 340.
 Rauschert, 1991: 20-37.
 De Broyer & Jazdzewski, 1993: 46.

Distribution: **W**

Palmer Archipelago: Port Lockroy, Goudier Island, low tide-1 m (MHT 74b).

South Orkney Islands: Signy Island, Borge Bay. 1-20 m (MHT 74a).

South Shetland Islands: King George Island, Maxwell Bay; Fildes Strait, 8-20 m (MR 91).

Depth range: 0-20 m.

Type-locality: South Orkney Islands: Signy Island, Borge Bay. 1-20 m (MHT 74a).

Type specimen location: NHM, London.

***Schraderia gracilis* Pfeffer, 1888**

Pfeffer, 1888: 141, pl. 2: fig. 5.
 Walker, 1903a: 58, pl. 11: fig. 90. (*Atyloides serraticauda*).
 Chevreux, 1906e: 87. (*Atyloides serraticauda*).
 Stebbing, 1906: 308.
 Walker, 1907: 33. (*Atyloides serraticauda*).
 Chilton, 1912a: 497. (*Atyloides serraticauda*).
 Chilton, 1912a: 497, pl. 2: figs. 21-23. (*Atyloides calceolata*).
 Chevreux, 1913c: 179. (*Atyloides serraticauda*).
 Chilton, 1913: 61. (?*Atyloides serraticauda*).
 Chilton, 1921b: 224. (*Atyloides serraticauda*, in part).
 Monod, 1926: 57. (*Paramoera serraticauda*).
 Barnard K.H., 1930: 388. (*Paramoera serraticauda*).
 Schellenberg, 1931a: 193. (*Atyloides gracilis*).
 Barnard K.H., 1932: 204. figs. 118c, 123.
 Nicholls, 1938: 110, figs. 52d, 57, 58n. (?*Schraderia gracilis*).
 Stephensen, 1938c: 240.
 Shoemaker, 1945d: 290, fig. 1.
 Stephensen, 1947a: 63.
 Barnard J.L., 1958e: 125.
 Bellan-Santini, 1972a: 189.
 Bellan-Santini, 1972b: 689.
 Arnaud, 1974: 553, 562, 564, tables 17, 20, 21.
 Bellan-Santini & Ledoyer, 1974: 672, pl. 18.
 Thurston, 1974a: 58, figs. 23a-i, 24a-q, 25a-k.
 Thurston, 1974b: 40.
 Lowry & Bullock, 1976: 66-67.
 Lincoln & Hurley, 1981: 111.
 Bellan-Santini & Ledoyer, 1987: 379.
 Barnard & Karaman, 1991: 340.
 Branch *et al.*, 1991: 19, 40, fig. on p.19.
 Jazdzewski *et al.*, 1991: 109, 110.
 Klages, 1991: 49.
 Rauschert, 1991: 20-37.
 Jazdzewski *et al.*, 1992: 464, 469.
 De Broyer & Jazdzewski, 1993: 46.
 Jazdzewski *et al.*, 1996: 370.
 De Broyer *et al.*, 1999: 165.
 Gutt *et al.*, 2000: 76-77.

Takeuchi & Watanabe, 2002: 624-628.
 Lovell & Trego, 2003: 1814-1815, table 9.

Distribution: **E+W+G+S**

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36', 5-45 m; *Aurora 1912-14*, sta. 7, 109 m (GEN 38); Géologie Archipelago, 15-40 m; Cape Bienvenue, 66°43'S 140°31'E, 4-6 m; Cape Jules, 66°44'S 140°55'E, 15-20 m (DBS 72a).

Enderby Land: Lützw-Holm Bay, East Ongul Island, Kitano-Seto Strait, 69°00'S 39°44.4'E, 8-20 m (bottom/habitat: on *Desmarestia chordalis*, under fast ice; gear: SCUBA) (T&W 02).

Iles Crozet: Ile de la Possession (KS 47a), Crique du Navire (BS&L 74).

Iles Kerguelen: Golfe du Morbihan, Ile du Chat, Ile Suhm, 90-106 m (BS&L 74).

Marguerite Bay: Stonington Island, 18-64 m (MHT 74b).

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 94 m (bottom/habitat: muddy sand); sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 17 BB 97, 46°52.5'S 37°53.3'E, 110 m (bottom/habitat: muddy sand); sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 21 DC 118, 46°53.3'S 37°52.8'E, 50 m (bottom/habitat: black sand); sta. 22 BB 125, 46°52.4'S 37°51.9'E, 31 m (bottom/habitat: sand); sta. 32 DC 162, 46°59'S 37°46.8'E, 83-100 m (bottom/habitat: sand, gravels, blocks); sta. 34 DC 167, 46°50.2'S 37°51.2'E, 115 m (bottom/habitat: compact mud); sta. 34 BB 168, 46°50.2'S 37°51.2'E, 110 m (bottom/habitat: compact mud) (BS&L 87); 120-140 m (MLB *et al.* 91).

Palmer Archipelago: Port Lockroy, 6-90 m (KS 47a), Goudier Island, low tide-1 m, Lecuyer Point, Peltier Channel, 18-27 m (MHT 74b); Neny Fjord; Melchior Harbour; 'East Base' (CRS 45d); Flandres Bay; Neumayer Channel [Canal de Roosen], 129 m (EC 06e).

Ross Sea: *Discovery 1901-04*, Cape Wadworth, 14-27 m; Cape Adare, beach-36 m (AOW 07), *Terra Nova 1910*, sta. 220, off Cape Adare, 82-92 m (KHB 30).

South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88); Jason Harbour, 10-15 m (bottom/habitat: clay, small stones); Cumberland Bay, 75 m (bottom/habitat: clay, algae); mouth of Cumberland Bay, 250-300 m (bottom/habitat: greyish clay, stones); off Grytviken, 12-30 m (bottom/habitat: sand, gravel, algae) (AS 31a); *Discovery 1925-27*, sta. 27, Cumberland West Bay, 110 m (bottom/habitat: mud, rock; gear: large dredge); sta. 141, Cumberland East Bay, 17-27 m (bottom/habitat: mud; gear: small beam trawl); sta. MS 6, Cumberland East Bay, 24-30 m (gear: small beam trawl); sta. MS 10, Cumberland East Bay, 26-18 m (gear: small beam trawl); sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl); sta. 144, off mouth of Stromness Harbour, 26-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk); sta. 145, Stromness Harbour, 26-35 m (bottom/habitat: weedy ground; gear: small beam trawl); sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge); sta. WS 25, Undine Harbour, 18-27 m (bottom/habitat: mud, sand; gear: small beam trawl); sta. WS 56, Larsen

Harbour, Drygalski Fjord, 2 m (gear: hand net) (KHB 32), Jason Harbour, 20 m; Coal Harbour, 16-19 m (KS 38c).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, shore pools-18 m (CC 12a); Signy Island, Borge Bay, 1-20 m, Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: Deception Island, 50-75 m (KS 47a), 5-18 m (MHT 74b); King George Island, Maxwell Bay; Fildes Strait, 22 stations, 5-70 m (MR 91); Admiralty Bay, 10-30 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91); Livingston Island, 62°45'S 60°11'W, 165 m (gear: otter trawl) (L&T 03).

Trinity Peninsula: Seymour Island, 200 m (bottom/habitat: sand, gravel); 64°20'S 56°38'W (AS 31a).

Weddell Sea: eastern shelf (MK 91; CDB *et al.* 99), *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 24 AGT 06, Kapp Norvegia, 71°08.15'S 11°32.25'W, 123 m (gear: Agassiz trawl) (JG *et al.* 00).

Depth range: 0-338 m.

Type-locality: South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88).

Type specimen location: ZMH, Hamburg; RSM, Edinburgh (*Atyloides calceolata*).

***Schraderia serraticauda* (Stebbing, 1888)**

Stebbing, 1888: 920. pl. 78. (*Atyloides serraticauda*).

Della Valle, 1893: 702. (*Atylus serraticauda*).

Non Walker, 1903a: 58, pl. 11: fig. 90. (*Atyloides serraticauda* = *Schraderia gracilis*).

Non Chevreux, 1906e: 87. (*Atyloides serraticauda* = *Schraderia gracilis*).

Non Walker, 1907: 33. (*Atyloides serraticauda* = *Schraderia gracilis*).

Stebbing, 1906: 362, 729. (*Atyloides serraticauda*).

Vanhoffen, 1907: 510. (*Leptamphopus serraticauda*).

Chilton, 1909b: 627. (*Atyloides serraticauda*).

Stebbing, 1910a: 640. (*Atyloides serraticauda*).

Non Chilton, 1912a: 497, (*Atyloides serraticauda* = *Schraderia gracilis*).

Non Chevreux, 1913c: 179, (*Atyloides serraticauda* = *Schraderia gracilis*).

Non Chilton, 1913: 61, (*Atyloides serraticauda* = *Schraderia gracilis*).

Chilton, 1921b: 224, (*Atyloides serraticauda*, in part; part = *Schraderia gracilis*).

Non Monod, 1926: 57. (*Paramoera serraticauda* = *Schraderia gracilis*).

Stephensen, 1927e: 339. (*Paramoera serraticauda*).

Non Barnard K.H., 1930: 388. (*Paramoera serraticauda* = *Schraderia gracilis*).

Barnard K.H., 1932: 205.

? Nicholls, 1938: 114, fig. 52e. (questioned by Barnard J.L.,

1972b). (*Schraderia serraticauda*).

Barnard J.L., 1958e: 125.

Barnard J.L., 1972b: 95.

Arnaud, 1974: 564. (eco). (*Atyloides serraticauda*).

Thurston, 1974a: 68.

Lowry & Bullock, 1976: 67.

Lowry, 1982: 320.

Barnard & Karaman, 1991: 340.

De Broyer & Jażdżewski, 1993: 46.

Lowry & Stoddart, 2003: 116.

Distribution:

S+

Auckland Islands: Camley Harbour, shore at low tide (bottom/habitat: under stones); Masked Island (bottom/habitat: rocky coast) (KS 27e); (CC 09b).

? **Graham Land:** probable but require confirmation (KHB 32).

Macquarie Island: (GEN 38).

? **Ross Sea:** probable but require confirmation (KHB 32).

South Georgia: (KHB 32).

? **South Orkney Islands:** probable but require confirmation (KHB 32).

Depth range: 0 m.

Type-locality: Australia: *Challenger 1873-76*, sta.161, off Melbourne, 38°22'30"S 144°36'30"E (TRS 88).

Extralimital distribution: Australia.

Extralimital depth range:

Type specimen location: NHM, London.

***Schraderia* sp. Castellanos, 1973**

Castellanos, 1973: 11. (*Atyloides* sp.).

Lowry & Bullock, 1976: 67. (*Schraderia* sp.).

De Broyer & Jażdżewski, 1993: 46. (*Schraderia* sp.).

Distribution:

W

Danco Coast: Bryde Island, Paradise Harbour, 3 m (ZJC 73).

Depth range: 3 m.

Family EXOEDICEROTIDAE Barnard & Drummond, 1982a

***Bathyporeiapus magellanicus* Schellenberg, 1931a**

Schellenberg, 1931a: 155, fig. 81.

Non Ruffo, 1956b: 119, fig. 2. (= *Bathyporeiapus ruffoi*).

Barnard J.L., 1958e: 104.

Escofet, 1971: 115, (in key).

Lowry & Bullock, 1976: 114.

Varela, 1983: 37-39, fig. 7.

Barnard & Karaman, 1991: 345-346.

Gonzalez, 1991a: 55.

De Broyer & Jażdżewski, 1993: 47.

Distribution:

M

Magellan area: Punta Arenas, 4 m (bottom/habitat: sand); Isla

Elizabeth, beach; Isla Lennox (bottom/habitat: kelp) (AS 31a).

Depth range: 0-4 m.

Type-locality: Magellan area: Punta Arenas, 4 m (bottom/habitat: sand); Isla Elizabeth, beach; Isla Lennox (bottom/habitat: kelp) (AS 31a).

Type specimen location: NRS, Stockholm.

***Exoediceropsis affinis* Alonso de Pina, 1997**

Alonso de Pina, 1997: 91-95, figs. 5-6.

Distribution:

M

Magellan area: *Shinkai Maru IV*, sta. 108, 52°31'S 67°18'W, 92 m; *Shinkai Maru X*, sta. 128, 54°20'S 65°28'W, 93 m; *Shinkai Maru XI*, sta. 101, 51°24'S 65°29'W, 135 m; sta. Ad6, 48°52'S 66°08'W, 100 m (GMA 97).

Depth range: 93-135 m.

Type-locality: Magellan area: *Shinkai Maru X*, sta. 128, 54°20'S 65°28'W, 93 m (GMA 97).

Type specimen location: MACN, Buenos Aires.

***Exoediceropsis chiltoni* Schellenberg, 1931a**

Schellenberg, 1931a: 152, fig. 80.

Barnard J.L., 1958e: 104.

Lowry & Bullock, 1976: 114.

Barnard & Karaman, 1991: 346-347.

Gonzalez, 1991a: 55.

De Broyer & Jazdzewski, 1993: 47.

Alonso de Pina, 1997: 95-96.

De Broyer & Rauschert, 1999: 284, table 1.

Distribution:

M

Magellan area: 49°35'S 64°43'W, 112 m (AS 31a); Estrecho de Magallanes (EG 91a).

Depth range: 112 m.

Type-locality: Magellan area: 49°35'S 64°43'W, 112 m (AS 31a).

Type specimen location: NRS, Stockholm.

***Exoediceropsis lobata* Alonso de Pina, 1997**

Alonso de Pina, 1997: 85-91, figs. 1-4.

Distribution:

M

Magellan area: *Shinkai Maru X*, sta. 128, 54°20'S 65°28'W, 93 m; *Shinkai Maru XI*, sta. 101, 51°24'S 65°29'W, 135 m (GMA 97).

Depth range: 93-135 m.

Type-locality: Magellan area: *Shinkai Maru X*, sta. 128, 54°20'S 65°28'W, 93 m (GMA 97).

Type specimen location: MACN, Buenos Aires.

***Methalimedon nordenskoeldi* Schellenberg, 1931a**

Schellenberg, 1931a: 150, fig. 79.

Barnard K.H., 1932: 141, fig. 80.

Nicholls, 1938: 91.

Barnard J.L., 1958e: 104.

Bellan-Santini, 1972b: 221. (*Methalimedon nordenskoeldi*).

Thurston, 1974a: 32.

Thurston, 1974b: 65. (*Methalimedon nordenskoeldi*).

Lowry & Bullock, 1976: 114.

Lowry, 1982: 320.

De Broyer, 1983: 346-348, figs. 111-114.

Barnard & Karaman, 1991: 348.

Jazdzewski *et al.*, 1991: 110.

Rauschert, 1991: 37.

Jazdzewski *et al.*, 1992: 464.

De Broyer & Jazdzewski, 1993: 47.

Jazdzewski *et al.*, 1996: 370.

Distribution:

E+W+G

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36', 5 m (GEN 38); Géologie Archipelago, 6 m (DBS 72a).

Palmer Archipelago: Port Lockroy, Lecuyer Point, Peltier Channel, 18 m (MHT 74b); *PAMRE I*, sta. 19, Anvers Island, Palmer Station, 20 m (CDB 83).

South Georgia: off Grytviken, 12-50 m (bottom/habitat: greyish clay); mouth of Grytviken, 12-15 m (bottom/habitat: sand, algae); mouth of Cumberland Bay, 250-310 m (bottom/habitat: clay, stones) (AS 31a); *Discovery 1925-27*: sta. 27, Cumberland West Bay, 110 m (bottom/habitat: mud, rock; gear: large dredge); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets); sta. WS 33, 54°59'S 35°24'W, 130 m (gear: tow-net) (KHB 32); *PAMRE I*, sta. 85, 53°56'S 35°58'W, 260 m (CDB 83).

South Orkney Islands: Signy Island, Borge Bay, 10-15 m; Paal Harbour, 5-25 m (MHT 74a).

South Shetland Islands: King George Island, Maxwell Bay, 62°11'-14'S 58°52'-58'W (MR 91); Admiralty Bay 15-30 m (SCUBA, with Tvarminne sampler) (KJ *et al.* 91, 92).

Depth range: 5-310 m.

Type-locality: South Georgia: off Grytviken, 12-50 m (bottom/habitat: greyish clay); mouth of Grytviken, 12-15 m (bottom/habitat: sand, algae); mouth of Cumberland Bay, 250-310 m (bottom/habitat: clay, stones) (AS 31a).

Type specimen location: NRS, Stockholm.

***Metoedicerops fuegiensis* Schellenberg, 1931a**

Schellenberg, 1931a: 157, fig. 82.

Barnard J.L., 1958e: 104.

Barnard J.L., 1969c: 480.

Barnard J.L., 1974a: 144.

Lowry & Bullock, 1976: 115.

Barnard & Karaman, 1991: 349.

Gonzalez, 1991a: 55.

De Broyer & Jazdzewski, 1993: 47.

Distribution:

Magellan area: Punta Arenas (AS 31a).

Depth range:

Type-locality: Magellan area: Punta Arenas (AS 31a).

Type specimen location: NRS, Stockholm.

***Parhalimedes turqueti* Chevreux, 1906b**

Chevreux, 1906b: 76, fig. 1.

Chevreux, 1906e: 34, figs. 18-20.

Schellenberg, 1931a: 149, fig. 78.

Barnard J.L., 1958e: 107.

Thurston, 1974a: 32.

Lowry & Bullock, 1976: 118.

De Broyer, 1983: 370-371.

Barnard & Karaman, 1991: 349, 350.

Rauschert, 1991: 37.

Jążdżewski *et al.*, 1992: 464.

De Broyer & Jążdżewski, 1993: 47.

Jążdżewski *et al.*, 1996: 370.

Distribution:**W+G**

Palmer Archipelago: Wiencke Island, 20-25 m (EC 06e); *PAMRE I*, sta. 19, Anvers Island, 20 m (CDB 83).

South Georgia: off Grytviken, 22-50 m (bottom/habitat: grayish clay); Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a).

South Orkney Islands: Signy Island, Borge Bay, 5-20 m; Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91); Admiralty Bay (KJ *et al.* 92).

Depth range: 5-50 m.

Type-locality: Palmer Archipelago: Wiencke Island, 20-25 m (EC 06e).

Type specimen location: MNHN, Paris.

Superfamily HADZIOIDEA Bousfield, 1983**Family HADZIIDAE S. Karaman, 1943**

[Barnard & Barnard, 1983: 651]

***Zhadia subantarctica* Lowry & Fenwick, 1983**

Lowry & Fenwick, 1983: 243-246, figs. 27-28.

De Broyer & Jążdżewski, 1993: 52.

Distribution:**S**

Auckland Islands: Waterfall Inlet, 50°49'S 166°16'E, 13-15 m (bottom/habitat: medium to fine sand) (L&F 83).

Depth range: 13-15 m.

Type-locality: Auckland Islands: Waterfall Inlet, 50°49'S 166°16'E, 13-15 m (bottom/habitat: medium to fine sand) (L&F 83).

Type specimen location: NMNZ, Wellington.

M**Family MELITIDAE Bousfield, 1973**

[Bousfield, 1977; 1982b: 281; Barnard & Barnard, 1983: 662; Lowry & Springthorpe, 2005]

Ceradocopsine Group

[see Barnard & Barnard, 1983: 635; Lowry & Springthorpe, 2005: 240]

***Ceradocopsis carnleyi* (Stephensen, 1927e)**

Stephensen, 1927e: 342, figs. 19, 20. (*Elasmopus carnleyi*).

Schellenberg, 1938: 39. (*Marea carnleyi*).

Hurley, 1954b: 603, (in key). (*Maera carnleyi*).

Barnard J.L., 1958e: 59. (*Maera carnleyi*).

Barnard J.L., 1962b: 100, (in key). (*Maera carnleyi*).

Barnard J.L., 1972b: 105. (*Maera carnleyi*).

Lowry & Bullock, 1976: 68. (*Maera carnleyi*).

Lowry & Fenwick, 1983: 212-217, figs. 7-9.

De Broyer & Jążdżewski, 1993: 50.

Krapp-Schickel, 2001: 436.

Distribution:**S**

Auckland Islands: Carnley Harbour, Masked Island, low tide (KS 27e); Port Ross, 2 stations "deeper waters" (bottom/habitat: sandy bottom/habitat; gear: benthic trawl) (L&F 83).

Campbell Island: 40 stations, 3-25 m, most abundant below 12 m (bottom/habitat: in association with free-living or epizoic algae and among sponges, bryozoans and tunicates) (L&F 83).

The Snares: 18 stations, 0-50 m (exceptionally 146 m), most commonly below 10 m, with very few in the intertidal and immediate subtidal zones (bottom/habitat: in association with algae - especially coralline algae -, sponges and bryozoans) (L&F 83).

Depth range: 0-146 m (L&F 83).

Type-locality: Auckland Islands: Carnley Harbour, Masked Island, low tide (KS 27e).

Type material location: ZMUC, Copenhagen.

***Ceradocopsis dufresni* Bellan-Santini & Ledoyer, 1987**

Bellan-Santini & Ledoyer, 1987: 379-381, fig. 9.

Branch *et al.*, 1991: 19, fig.

De Broyer & Jążdżewski, 1993: 50.

Distribution:**S**

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 15 BB 88, 46°57.7'S 37°59.9'E, 204 m (bottom/habitat: coarse sand); sta. 22 BB 125, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand); sta. 33 DC 164, 46°52.2'S 37°51.1'E, 45 m (BS&L 87).

Depth range: 30-204 m.

Type-locality: Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 15 BB 88, 46°57.7'S 37°59.9'E, 204 m (bottom/habitat: coarse sand); sta. 22 BB 125, 46°52.4'S 37°51.9'E, 30

m (bottom/habitat: sand); sta. 33 DC 164, 46°52.2'S 37°51.1'E, 45 m (BS&L 87).

Type material location: MCSN, Verona.

***Ceradocopsis kergueleni* Schellenberg, 1926a**

Schellenberg, 1926a: 365, fig. 56.

Barnard J.L., 1958e: 45.

Arnaud, 1974: 553, 559, tables 17, 19. (eco).

Barnard J.L., 1972b: 95.

Bellan-Santini & Ledoyer, 1974: 674, pl. 19, figs. 1-17.

Lowry & Bullock, 1976: 68.

Lowry & Fenwick, 1983: 217-220, figs. 10-11.

Barnard & Barnard, 1983: 635-636.

Bellan-Santini & Ledoyer, 1987: 382.

Branch *et al.*, 1991: 19, 40, fig.

? Klages, 1991: 49.

De Broyer & Jazdzewski, 1993: 50.

Krapp-Schickel, 2001: 436.

Distribution:

S

Iles Kerguelen: no loc. (AS 26a); Golfé du Morbihan, low tide-15 m; Ile du Chat; Fjord Bossière, 0-15 m (BS&L 74).

Macquarie Island: Aerial Cove, 9 stations, 3-6 m; Caroline Cove, 5 stations, 3-18 m (bottom/habitat: among red algae, bryozoans and tunicates from the underside of rock overhangs in sheltered sites); Goat Bay, Tottan Head, 14 m (bottom/habitat: encrusting sponge, hydroids and tunicate mats from offshore rocks) (L&F 83).

Prince Edward Islands: *Marion Dufresne 08:* sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: sand, mud); sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 15 BB 88, 46°57.7'S 37°59.9'E, 204 m (bottom/habitat: coarse sand); sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 20 CP 116, 46°47.2'S 38°03.5'E, 180 m; sta. 22 BB 125, 46°52.4'S 37°51.9'E, 30m (bottom/habitat: sand); sta. 26 CP 135, 46°50.6'S, 38°00.6'E, 135-145m; sta. 34 BB 168, 46°50.2'S 37°51.2'E, 110 m (bottom/habitat: compact mud); sta. 35 DC 170, 46°39.7'S 38°00.3'E, 53 m (bottom/habitat: gravel, boulders) (BS&L 87); 200-475 m (MLB 91).

? **Weddell Sea:** eastern shelf (MK 91).

Depth range: 0-475 m

Type-locality: Iles Kerguelen: no loc. (AS 26a).

Type material location: ZMB, Berlin.

***Ceradocopsis macracantha* Lowry & Fenwick, 1983**

Lowry & Fenwick, 1983: 218-220, figs. 12-13.

De Broyer & Jazdzewski, 1993: 50.

Krapp-Schickel, 2001: 436.

Distribution:

S

Auckland Islands: Ocean Island, 50°32'S 166°16'E, 2 m (bottom/habitat: among red algae on rocks); French Islet, 50°32'S 166°18'E, 0-3 m (bottom/habitat: among algae and algal holdfasts); east side of Rose Island, 50°31'S 166°15'E,

1-3 m (bottom/habitat: among brown algae on rock); 6 stations, 0-3 m (bottom/habitat: among algae from rocks) (L&F 83).

Campbell Island: 26 stations, 1-23 m (bottom/habitat: among algae, sponges, tunicates and spider crabs) (L&F 83).

The Snares: 4 stations, 0-18 m (bottom/habitat: in association with algae, sponges and bryozoans) (L&F 83).

Depth range: 0-23 m.

Type-locality: Auckland Islands: Ocean Island, Port Ross, 50°32'S 166°16'E, 2 m (bottom/habitat: among red algae on rocks); French Islet, 50°32'S 166°18'E, 0-3 m (bottom/habitat: among algae and algal holdfasts); east side of Rose Island, 50°31'S 166°15'E, 1-3 m (bottom/habitat: among brown algae on rock) (L&F 83).

Type material location: NMNZ, Wellington.

***Ceradocopsis peke* J.L. Barnard, 1972b**

Barnard J.L., 1972b: 95-98, fig. 45-46.

Lowry & Fenwick, 1983: 220, fig. 14.

De Broyer & Jazdzewski, 1993: 50.

Krapp-Schickel, 2001: 436.

Distribution:

S+

Auckland Island: 4 stations, 0-3 m (bottom/habitat: algae from rocks, sand; gear; benthic trawl) (L&F 83).

Campbell Island: 8 stations, 2-16 m (bottom/habitat: among algae, sponges and hydroids) (L&F 83).

The Snares: 9 stations, 0-18 m (bottom/habitat: among algae, sponges and hydroids) (L&F 83).

Depth range: 0-25m (L&F 83).

Type-locality: New Zealand: Kaikoura (JLB 72b).

Extralimital distribution: New Zealand: Kaikoura (JLB 72b).

Extralimital depth range:

Type material location: NZOI, Wellington.

***Ceradocopsis tristanensis* Stephensen, 1949**

Stephensen, 1949: 22-24, figs. 9-10. (*Maeracunha tristanensis*).

Barnard & Karaman, 1982: 171-172.

Lowry & Fenwick, 1983: 220-223, fig. 15.

De Broyer & Jazdzewski, 1993: 50.

Krapp-Schickel, 2001: 436.

Distribution:

T

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha*, Tristan da Cunha Island, sta. 68, 0 m; sta. 70, 0 m; sta. 74, 0 m; Nightingale Island, sta. 94, 0 m; sta. 113, 0 m; sta. 118, 7-10 m; Inaccessible Island, sta. 145, 0 m; sta. 149, 50-60 m; sta. 154, 40 m (KS 49); 1 station, 0 m (L&F 83).

Depth range: 0-60 m.

Type-locality: Tristan da Cunha: 0-60 m (KS 49).

Type material location: RNSS, Trondheim.

***Ceradocopsis* sp. Chiesa *et al.*, 2005**

Chiesa *et al.*, 2005: 170.

Distribution: M
Magellan area: southern Tierra del Fuego, Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge) (ILC *et al.* 05).
Depth range: 15-25 m.

Ceradocine Group

[Barnard & Barnard, 1983: 373, 612, emended; Lowry & Springthorpe, 2005]

***Ceradocoides chiltoni* Nicholls, 1938**

Nicholls, 1938: 123, fig. 63.
 Sheard, 1939: 277, fig. 5n-o.
 Barnard J.L., 1958e: 45.
 ? Sivaprakasam, 1968a: 109, fig. 11. (? *Ceradocoides chiltoni*).
 ? Surya Rao, 1974: 194.
 Lowry & Bullock, 1976: 68.
 De Broyer & Jążdżewski, 1993: 50.
 Krapp-Schickel, 2001: 426-427, 434.

Distribution: E
Adélie Coast: *Aurora 1912-14*, sta. 4, Commonwealth Bay, 414 m (GEN 38).
Depth range: 414 m.
Type-locality: Adélie Coast: *Aurora 1912-14*, sta. 4, Commonwealth Bay, 414 m (GEN 38).
Extralimital distribution: ? India.
Extralimital depth range:
Type material location: AM. Sydney.

***Elasmopus bollonsi* Chilton, 1915**

Chilton, 1915: 328, figs. 11, 12.
 Barnard J.L., 1974b: 17-21, figs. 11-13.
 Lowry & Fenwick, 1983: 223.
 Lowry & Stoddart, 2003: 178.

Distribution: S+
The Snares: 4 stations, 0-4 m (bottom/habitat: brown algae, sponges, hydroids) (L&F 83).
Depth range: 0-4 m.
Type-locality: New Zealand: off Three Kings Islands (CC 15).
Extralimital distribution: New Zealand: off Three Kings Islands (CC 15); Australia.
Extralimital depth range: Littoral, sublittoral.
Type material location: CMNZ, Christchurch.

***Elasmopus neglectus* Chilton, 1915**

Chilton, 1915: 326-328, figs. 7-10.

Barnard J.L., 1972b: 98, 101-103, figs. 50-51.
 Lowry & Fenwick, 1983: 223.

Distribution: S+
The Snares: South side of Ho Ho Bay (bottom/habitat: algae) (L&F 83).
Depth range:
Type-locality: New Zealand: Blueskin Bay, Otago and Mokohinau Island (CC 15).
Extralimital distribution: New Zealand: Blueskin Bay, Otago and Mokohinau Island (CC 15); Kaikoura (JLB 72b).
Extralimital depth range: Littoral.
Type material location:

***Elasmopus wahine* J.L. Barnard, 1972b**

Barnard, J.L. 1972b: 103, figs. 52-53.
 Lowry & Fenwick, 1983: 223.
 De Broyer & Jążdżewski, 1993: 50.

Distribution: S+
Auckland Islands: French Islet, Port Ross, 0-3 m (bottom/habitat: algae) (L&F 83).
Campbell Island: 14 stations, 0-25 m (bottom/habitat: among epizoic algae associated with mussels, sponges and other invertebrates attached to boulders and rock overhangs) (L&F 83).
The Snares: 5 stations, 5-146 m (bottom/habitat: occurred rarely among bryozoans and red algae, more commonly among crustose coralline algae) (L&F 83).
Depth range: 0-146 m.
Type-locality: New Zealand: off Cape Young (JLB 72b).
Extralimital distribution: New Zealand: off Cape Young (JLB 72b);
Extralimital depth range: 12-18 m
Type material location: NZOI, Wellington.

***Hoho hirtipalma* Lowry & Fenwick, 1983**

Lowry & Fenwick, 1983: 228-234, fig. 19-22.
 Lowry & Stoddart, 2003: 179-180.

Distribution: S+
The Snares: 30 stations, 10-25 m, occasionally found intertidally and to 50 m depth (bottom/habitat: among bryozoans and algae) (L&F 83).
Depth range: 0-50 m.
Type-locality: The Snares, north-west corner of Ho Ho Bay, 48°07'S 166°36'E, 14 m (bottom/habitat: among clumps of coralline algae) (L&F 83).
Extralimital distribution: ? Australia: Central E coast, Lower W coast, S gulfs coast (L&S 03).
Extralimital depth range:
Type material location: NMNZ, Wellington; AM, Sydney.
Remarks: Australian distribution unclear (L&S 03).

Maera mastersii (Haswell, 1879a)

Haswell, 1879a: 265-266, pl.11: fig. 1. (*Megamoera mastersii*).
 Miers, 1884: 318-319, pl. 34: fig.B. (*Megamoera thomsoni*).
 Stebbing, 1906: 439.
 Chilton, 1921d: 34, 72-73.
 Sheard, 1936c: 177-179, fig. 3, pl. 17, fig. C.
 Barnard J.L., 1972b: 109-110, figs. 55-56.
 Poore *et al.*, 1975: pp.
 Lowry & Fenwick, 1983: 236.
 Krapp-Schickel, 2001: 434, 437.
 Lowry & Stoddart, 2003: 181.

Distribution:

S+

The Snares: 6 stations, 0-22 m (bottom/habitat: among deposits of terrestrial plant detritus, crustose coralline algae, other algae, and holdfasts of *Lessonia variegata*) (L&F 83)

Depth range: 0-22 m.

Type-locality: Australia: Port Jackson (WAH 79a).

Extralimital distribution: Australia; New Zealand; ? Kermadec Islands; ? Chatham Islands (L&F 83).

Extralimital depth range: Sublittoral.

Type material location: AM, Sydney.

Paraceradocus gibber Andres, 1984a

Andres 1984a: 93-94, figs. 10e-h, 11.
 Arnaud *et al.*, 1986: 16, tab. I.
 Coleman, 1989b: 44, figs. 2-3.
 Andres, 1990: 140, fig. 279.
 Klages & Gutt: 1990b: 74-76, figs. 1c, 4i-l. (eco).
 Rauschert, 1991: 37.
 Jazdzewski *et al.*, 1992: 464.
 De Broyer & Jazdzewski, 1993: 51.
 Jazdzewski *et al.*, 1996: 370.
 De Broyer *et al.*, 1999: 165.
 Gutt *et al.*, 2000: 76-77.
 Dauby *et al.*, 2001a: 69-86. (eco).
 Dauby *et al.*, 2001b: 657-662. (eco).
 De Broyer *et al.*, 2001: 744-753. (eco).
 Englisch *et al.*, 2003: 2464-2483, fig. 13. (phy).
 Lovell & Trego, 2003: 1814-1815, table 9.

Distribution:

E+W(+Ba)

Scotia Sea: 61°05,40'S 55°56,40'W (UE *et al.* 03).

South Shetland Islands: *Walther Herwig* 1977-78, sta. 205, Hol 234, 63°38'S 56°17'W, 0-310 m, over bottom/habitat 160-500 m (gear: RMT 1) (HGA 84); King George Island, 62°11'-14'S 58°52'-58'W (MR 91); Admiralty Bay (KJ *et al.* 92); King George Island, 62°16'S 60°38'W, 160 m (gear: otter trawl) (L&T 03).

Weddell Sea: eastern shelf (K&G 90), (CDB *et al.* 99), (PD *et al.* 01); 118-793 m (CDB *et al.* 01); *Polarstern ANT XIII/3 (EASIZ I)*: sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 02 MG 29, Kapp Norvegia, 71°18.60'S 12°25.40'W, 181 m (gear:

multibox corer) (JG *et al.* 00).

Depth range: 160-793 m.

Type-locality: South Shetland Islands: *Walther Herwig* 1977-78, sta. 205, Hol 234, 63°38'S 56°17'W, 0-310 m, over bottom 160-500 m (gear: RMT 1) (HGA 84).

Type specimen location: ZMH, Hamburg.

Paraceradocus miersi (Pfeffer, 1888)

Pfeffer, 1888: 121, pl. 3: fig. 3. (*Megamoera miersii*).
 Della Valle, 1893: 732. (*Megamoera miersii*).
 Stebbing, 1899c: 426. (*Paraceradocus miersii*).
 Chevreux, 1906e: 93.
 Stebbing, 1906: 429. (*Paraceradocus miersii*).
 Chilton, 1912a: 500. (*Paraceradocus miersii*).
 Chevreux, 1913c: 180.
 Chilton, 1913: 59.
 Chilton, 1925a: 179. (*Paraceradocus miersii*).
 Schellenberg, 1931a: 202.
 Barnard K.H., 1932: 215, fig. 133. (*Paraceradocus miersii*, in part; part = *Paraceradocus procerus*, *Paraceradocus ramulus*, *Paraceradocus trispinosus*).
 Stephensen, 1938c: 240.
 Stephensen, 1947a: 65. (*Paraceradocus miersii*).
 Barnard J.L., 1958e: 89.
 Bellisio, 1966: 52, pl. 26. (*Paraceradocus miersii*).
 Castellanos, 1973: 14. (*Paraceradocus miersii*).
 Arnaud, 1974: 592 (eco). (*Paraceradocus miersii*).
 Thurston, 1974a: 87.
 Thurston, 1974b: 40. (*Paraceradocus miersii*).
 Lowry & Bullock 1976: 70 (in part, part = *Paraceradocus procerus*, *Paraceradocus ramulus*, *Paraceradocus trispinosus*).
 Andres, 1984a: 86-87, figs. 1-2.
 Wakabara *et al.*, 1990: 4, 6.
 Klages, 1991: 49.
 ? Ren & Huang, 1991: 226-227, fig. 24. (?= *Paraceradocus gibber*).
 Rauschert, 1991: 37.
 Jazdzewski *et al.*, 1992: 464, 469.
 De Broyer & Jazdzewski, 1993: 51.
 Jazdzewski *et al.*, 1996: 370. (*Paraceradocus miersii*).
 De Broyer *et al.*, 1999: 166.
 Gutt *et al.*, 2000: 76-77.

Distribution:

E+W+G

Danco Coast: Paradise Harbour, 'Point Vidt', 4-25 m (ZJC 73).

Marguerite Bay: Dion Islands, 9 m (MHT 74b).

Palmer Archipelago: Neumayer Channel [Canal de Roosen], 60-70 m (EC 13c).

South Georgia: Royal Bay, Moltke Harbor, Deutsche Polarstation, 54°30'58"S 36°00'45"W, intertidal zone (original inscription: low tide) (GP 88); Cumberland Bay, 252-310 m (bottom/habitat: clay, stones) (AS 31a); *Discovery* 1925-27, sta. 123, off mouth of Cumberland Bay, 230-250 m (gear: nets, large otter trawl; bottom/habitat: grey mud) (KHB 32); Coal

Bay, intertidal (KS 38c).

South Orkney Islands: *Scotia 1902-04*, sta. 325, from stomach of Weddell seal; 16-18 m (gear: dredge) (CC 12a); Signy Island, *Discovery 1925-27*, sta. 167, 244-344 m (gear: nets; bottom/habitat: green mud) (KHB 32); Borge Bay, littoral-20m (MHT 74a).

South Sandwich Islands: Visokoi Island, 55-91 m (KS 47a).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91); Admiralty Bay (EC 13c), 88 m (gear: Van Veen grab) (KJ *et al.* 92); 61°16'S 55°05'W, 60 m; 62°48'S 54°20'W, 280 m (YW *et al.* 90); 62°13'S 58°55'W (R&H 91).

Trinity Peninsula: Paulet Island, 100-150 m (bottom/habitat: gravel, small stones) (AS 31a); Hope Bay, Hut Cove, 9 m; Grunden Rock, low tide (MHT 74b).

Weddell Sea: eastern shelf (MK 091; CDB *et al.* 99); *Polarstern ANT XIII/3 (EASIZ I)*: sta. 02 MG 28, Kapp Norvegia, 71°19.10'S 12°22.80'W, 159 m (gear: multibox corer); sta. 02 MG 29, Kapp Norvegia, 71°18.60'S 12°25.40'W, 181 m (gear: multibox corer) (JG *et al.* 00).

Wilhelm Archipelago: Port Charcot; Booth Island; Hovgaard Island; Petermann Island (EC 13c).

Depth range: 0-344 m.

Type-locality: South Georgia: Royal Bay, Moltke Harbor, Deutsche Polarstation, 54°30'58"S 36°00'45"W, intertidal zone (original inscription: low tide) (GP 88).

Type specimen location: ZMH, Hamburg.

Remarks: All identifications and records of *Paraceradocus miersi* anterior to Andres (1984) remain to be checked.

***Paraceradocus procerus* Andres, 1984**

Andres 1984: 89-90, figs. 4g-h, 5, 6a-e.

K.H. Barnard, 1932: 215-216, fig. 133. (*Paraceradocus miersi* in part, part = *Paraceradocus procerus*, *Paraceradocus trispinosus*)

Lowry & Bullock, 1976: 70. (*Paraceradocus miersi*, in part).

De Broyer & Jażdżewski, 1993: 51.

Distribution: W

South Orkney Islands: off Signy Island, *Discovery 1925-27*, sta. 167, 244-344 m (gear: N7-T and N4-T, nets attached to trawl) (KHB 32).

Depth range: 244-344 m.

Type-locality: South Orkney Islands: off Signy Island, *Discovery 1925-27*, sta. 167, 244-344 m (gear: N7-T and N4-T, nets attached to trawl) (KHB 32).

Type specimen location: NHM, London; ZMH, Hamburg.

***Paraceradocus ramulus* Andres, 1981b**

Andres, 1981b: 179-184, figs. 1-3.

K.H. Barnard, 1932: 215-216 (*Paraceradocus miersi*, in part)

Lowry & Bullock, 1976: 70. (*Paraceradocus miersi*, in part)

Andres, 1984a: 87-88, figs. 3, 4a-f.

De Broyer & Jażdżewski, 1993: 51.

Distribution: G

South Georgia: *Walther Herwig 1977-78*, sta. 495, Hol 647, 54°09'S 36°48'W, 0-110 m, over bottom 110 m (gear: RMT 8) (HGA 81); *Discovery 1925-27*, sta. 45, 2,7 nm S 85°E of Jason Light, 238-270 m (bottom/habitat: mud, grey mud; gear: N 4-T, NCS-T, nets attached to trawl) (KHB 32; HGA 84).

Depth range: 110-270 m.

Type-locality: South Georgia: *Walther Herwig 1977-78*, sta. 495, Hol 647, 54°09'S 36°48'W, 0-110 m, bottom: 110 m (gear: RMT 8) (HGA 81).

Type specimen location: ZMH, Hamburg

***Paraceradocus stenepimerus* Andres, 1984a**

Andres, 1984a: 91-93, figs. 7f-l, 8, 9, 10a-d.

De Broyer & Jażdżewski, 1993: 51.

Distribution: W

Scotia Sea: *Walter Herwig*, sta. 253, Hol 5, 60°51'S 55°33.4'W, 280-294 m (gear: 200' bottom trawl) (HGA 84).

Depth range: 280-294 m.

Type-locality: Scotia Sea: *Walter Herwig*, sta. 253, Hol 5, 60°51'S 55°33.4'W, 280-294 m (gear: bottom trawl) (HGA 84).

Type specimen location: ZMH, Hamburg.

***Paraceradocus trispinosus* Andres, 1984a**

Andres, 1984a: 90-91, figs. 6f-l, 7a-e.

Barnard K.H., 1932: 215-216. (*Paraceradocus miersi* in part, part = *Paraceradocus procerus*, *Paraceradocus trispinosus*)

De Broyer & Jażdżewski, 1993: 51.

Distribution: W

South Orkney Islands: off Signy Island, *Discovery 1925-27*, sta. 167, 244-344 m (gear: N7-T and N4-T, nets attached to trawl) (KHB 32).

Depth range: 244-344 m.

Type-locality: South Orkney Islands: off Signy Island, *Discovery 1925-27*, sta. 167, 244-344 m (gear: N7-T and N4-T, nets attached to trawl) (KHB 32).

Type specimen location: NHM, London.

***Parapherusa crassipes* Haswell, 1879b**

Haswell, 1879b: 330-331, pl. 19: fig. 3. (*Harmonia crassipes*).

Haswell, 1879b: 349 (*Harmonia crassipes*).

Haswell, 1882: 251. (*Harmonia crassipes*).

Chilton, 1883: 82, pl. 2: fig. 5. (*Harmonia crassipes*).

Chilton, 1885: 1044. (*Harmonia crassipes*).

Haswell, 1885b: 106, pl. 16: fig. 9. (*Harmonia crassipes*).

Thomson & Chilton, 1886: 147. (*Harmonia crassipes*).

? Thomson, 1889: 261, (questioned by Barnard, J.L., 1972b).

(*Harmonia crassipes*)

Stebbing, 1906: 383.

Chilton, 1909b: 630.

Stebbing, 1910a: 641.

Chilton, 1916b: 201, pls. 8-10.

Chilton, 1920b: 6.

Stephensen, 1949: 18, figs. 7, 9.

Macnae, 1953: 1026.

Barnard J.L., 1958e: 70.

Barnard J.L., 1972b: 122, fig. 67a-g.

Lowry & Bullock, 1976: 62.

Barnard & Barnard, 1983: 634-635.

Lowry & Fenwick, 1983: 237-238.

De Broyer & Jazdzewski, 1993: 51.

Lowry & Stoddart, 2003: 185.

Distribution:

S+T+

Antipodes Islands: no loc. (CC 09b).

Auckland Island: 2 stations, 0 m, intertidal zone (bottom/habitat: in low intertidal zone among algae, coralline algae, sponges encrusting barnacles, hydroids, fine gravel, *Durvillea antarctica* holdfasts) (L&F 83).

Campbell Island: 16 stations, 0-23 m (bottom/habitat: among algae, occasionally among sponges and bryozoans) (L&F 83).

The Snares: 24 stations, 0-22 m (bottom/habitat: in low intertidal zone among algae, coralline algae, sponges encrusting barnacles, hydroids, fine gravel, *Durvillea antarctica* holdfasts and subtidally among algae, *Lessonia variegata* holdfasts, fine shelly sand, among bryozoans) (L&F 83).

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha*, Tristan da Cunha Island: sta. 3, *Macrocystis*; sta. 12, 0 m; sta. 13c, 0 m; sta. 16, 0 m; sta. 47, 0 m; sta. 49, 0 m; sta. 51, 5-8 m; sta. 68, 0 m; sta. 70, 0 m; sta. 74, 0 m; sta. 80, 5-12 m; sta. 167, 0 m; sta. 167b, 0 m; sta. 169, 0 m; sta. 87, Nightingale Island: in a giants' kettle; sta. 90, 0 m; sta. 94, 0 m; sta. 113, 0 m; sta. 114, 0 m; sta. 118, 7-10 m; sta. 146, Inaccessible Island: sta. 153, 7-8 m; sta. 156, 5-8 m; sta. 160, 0 m; Seal Bay, depth? (KS 49).

Depth range: 0-23 m.

Type-locality: Australia: Clark Island, Port Jackson (WAH 79b).

Extralimital distribution: Australia; New Zealand.

Extralimital depth range: Littoral, upper sublittoral.

Type material location: AM, Sydney.

***Quadrimaera incerta* (Chilton, 1883)**

Chilton, 1883: 83-84, pl. 3: fig. 3. (*Moera incerta*).

Thomson & Chilton, 1886: 147. (*Moera incerta*).

? Stephensen, 1927e: 342. (questioned by Barnard J.L., 1972b). (*Elasmopus viridis*).

Hurley, 1954b: 603, (in key). (*Maera viridis*).

Barnard J.L., 1972b: 30, 105, fig. 54, (in key). (*Maera incerta*).

Lowry, 1974a: 112, 125, (in key). (*Maera incerta*).

Lowry & Bullock, 1976: 69. (*Maera incerta*).

Lowry & Fenwick, 1983: 234-236, fig 23. (*Maera incerta*).

Krapp-Schickel & Ruffo, 2000: 195.

Krapp-Schickel, 2001: 417-418.

Distribution:

S+

? **Auckland Islands:** Carnley Harbour, on the shore at low tide (bottom/habitat: under stones); Masked Island (bottom/habitat: rocky coast) (KS 27e).

Campbell Island: 11 stations, 2-8 m (bottom/habitat: among coralline algae and other algae) (L&F 83).

The Snares: 17 stations, 0-50 m (bottom/habitat: among crustose coralline algae, algae and foliose bryozoans, in *Lessonia* holdfasts) (L&F 83).

Depth range: 0-50 m.

Type-locality: New Zealand: Lyttelton Harbour (L&F 83).

Extralimital distribution: New Zealand: Lyttelton Harbour, Kaikoura, Wellington (JLB 72b).

Extralimital depth range:

Type material location:

***Zygoaera eugeniae* (Schellenberg, 1931a)**

Schellenberg, 1931a: 203, fig. 103. (*Maera eugeniae*).

Barnard, J.L., 1958b: 59. (*Maera eugeniae*).

Barnard, J.L., 1962b: 99, (in key). (*Maera eugeniae*).

Lowry & Bullock, 1976: 69. (*Maera eugeniae*).

Gonzalez, 1991a: 56. (*Maera eugeniae*).

Krapp-Schickel, 2001: 427-429, fig. 2.

Distribution:

M

Magellan area: Cabo Virgenes, 58 m (AS 31a); Estrecho de Magallanes (EG 91a); Estrecho de Magallanes, Primera Angostura, very low tide (CDB, unpubl. rec.).

Depth range: 0-58 m.

Type-locality: Magellan area: Cabo Virgenes, 58 m (AS 31a).

Type material location: NRS, Stockholm.

***Zygoaera pfefferi* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 212, fig. 131. (*Maera pfefferi*).

Barnard J.L., 1958e: 60. (*Maera pfefferi*).

Barnard J.L., 1962b: 100, (in key). (*Maera pfefferi*).

Arnaud, 1974: 592. (eco). (*Maera pfefferi*).

Lowry & Bullock, 1976: 69. (*Maera pfefferi*).

Krapp-Schickel, 2001: 429-430.

Distribution:

G

South Georgia: *Discovery 1925-27*: sta. 123, off mouth of Cumberland Bay, 230-250 m (gear: nets, large otter trawl; bottom/habitat: grey mud); sta. 144, off mouth of Stromness Harbour, 155-178 m (gear: nets, tow-net of coarse silk; bottom/habitat: green mud, sand); sta. 152, 53°51'S 36°18'W, 245 m (gear: large heavy dredge; bottom/habitat: rock); sta. 156, 53°51'S 36°21'W, 200-236 m (gear: large heavy dredge; bottom/habitat: rock); sta. 159, 53°52'S 36°08'W, 160 m (gear: large heavy dredge; bottom/habitat: rock) (KHB 32).

Depth range: 155-250 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 152,

53°51'S 36°18'W, 245 m (gear: large heavy dredge; bottom/habitat: rock); sta. 156, 53°51'S 36°21'W, 200-236 m (gear: large heavy dredge; bottom/habitat: rock) (KHB 32).

Type material location: NHM, London.

Eriopiselline Group

[Barnard & Barnard (1983); Lowry & Springthorpe (2005)]

Tagua aporema Lowry & Fenwick, 1983

Lowry & Fenwick, 1983: 238-242, figs. 24-26.

De Broyer & Jazdzewski, 1993: 79.

Distribution:

S

Auckland Islands: off Shoe Island, Port Ross, 50°32'S 166°14'E, no depth (bottom/habitat: shelly gravel) (L&F 83).

The Snares: Cod Cavern, 48°07'S 166°36'E, 12-15 m (bottom/habitat: among red algae) (L&F 83).

Depth range: 12-15 m.

Type-locality: The Snares: Cod Cavern, 48°07'S 166°36'E, 12-15 m (bottom/habitat: among red algae) (L&F 83).

Type material location: NMNZ, Wellington; AM, Sydney.

Melitine Group

[Barnard & Barnard (1983); Lowry & Springthorpe (2005)]

Melita inaequistylis Dana, 1852a

Dana, 1852a: 214. (*Amphitoe* (*Melita*) *inaequistylis*).

Dana, 1852a: 215. (*Amphitoe tenuicornis*).

Dana, 1853: 963, pl. 66: fig. 5a-m. (*Melita tenuicornis*).

Bate, 1862: 195, pl. 35: fig. 6. (*Moera tenuicornis*).

Miers, 1875a: 75. (*Paramoera tenuicornis*).

Miers, 1876: 127, pl. 3: fig. 8. (*Paramoera tenuicornis*).

Thomson, 1879b: 241, pl. 10: fig. C5. (*Paramoera tenuicornis*).

Thomson, 1880a: 5. (*Melita tenuicornis*).

Thomson, 1881: 218. (*Melita tenuicornis*).

Thomson & Chilton, 1886: 147. (*Melita tenuicornis*).

Thomson, 1889: 261. (*Melita tenuicornis*).

Della Valle, 1893: 713. (*Melita palmata*, in part).

Hutton, 1904: 260. (*Melita tenuicornis*).

Non Walker, 1904: 273, pl. 5: fig. 33. (*Maera tenuicornis*).

? Chilton, 1906c: 271. (questioned by Barnard, J.L., 1972b). (*Melita tenuicornis*).

Stebbing, 1906: 429, 732.

Chilton, 1909b: 630.

? Chilton, 1911c: 564. (questioned by Barnard, J.L., 1972b).

(*Melita inaequistylis*).

Thomson, 1913: 243.

Non Stebbing, 1914b: 366. (*Melita inaequistylis* = *Melita* sp.).

Non Barnard, K.H., 1916: 191. (*Melita inaequistylis*).

? Chilton, 1925a: 317. (questioned by Barnard, J.L., 1972b). (*Melita inaequistylis*).

? Stephensen, 1927e: 345. (questioned by Barnard, J.L., 1972b). (*Melita inaequistylis*).

Barnard K.H., 1932: 212.

Barnard J.L., 1958e: 62.

Barnard J.L., 1962b: 106-108, table 2, (in key).

Barnard J.L., 1972b: 29, 117, figs. 61i-o, 62j-l, 64, (in key).

Lowry, 1974a: 112, 125, fig. 9e, c, (in key).

Surya Rao, 1974: 196.

Lowry & Bullock, 1976: 69-70.

Barnard & Barnard, 1983: 665.

Lowry & Fenwick, 1983: 236-237.

De Broyer & Jazdzewski, 1993: 79.

Distribution:

S+

Auckland Islands: Carnley Harbour (CC 09b); 14 stations, 0-26 m (bottom/habitat: intertidal algae, deposits of terrestrial detritus in shallow pools) (L&F 83).

Campbell Island: 26 stations, 0-26 m (bottom/habitat: intertidal algae, deposits of terrestrial detritus in shallow pools) (L&F 83).

The Snares: 11 stations, 0-25 m (bottom/habitat: algae) (L&F 83).

Depth range: 0-26 m.

Type-locality: New Zealand: Bay of Islands (JDD 53).

Extralimital distribution: New Zealand, Bay of Islands; Chatham Islands; Kermadec Islands; India.

Extralimital depth range:

Type material location:

Melita tristanensis K.H. Barnard, 1965

Barnard K.H., 1965: 206.

Stephensen, 1949: 22. (*Melita gayi*).

Macnae, 1953: 1027. (*Melita gayi*).

Barnard & Barnard, 1983: 666.

De Broyer & Jazdzewski, 1993: 79.

Distribution:

T

Gough Island: Dell Rocks, 40°21'S 09°55'W (KHB 65).

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha*, Tristan da Cunha Island: sta. 3, on *Macrocystis*; sta. 66, 0 m; sta. 68, 0 m; sta. 71, 0 m; sta. 73, 0 m; sta. 74, 0 m; Nightingale Island: sta. 83, 0 m; sta. 94, 0 m; Inaccessible Island, sta. 160, 0 m (KS 49); Tristan da Cunha Island, 0 m (bottom/habitat: on the surface of a large rock) (WM 53).

Depth range: 0 m.

Type-locality: Gough Island: Dell Rocks, 40°21'S 09°55'W (KHB 65).

Type material location: NHM, London.

Melita sp. Stebbing, 1914b

Stebbing, 1914b: 366. (*Melita inaequistylis*).

Barnard J.L., 1972b: 117.

Distribution:

M

Falkland Islands: Rapid Point (TRS 14b).

Depth range:

Nuuanine Group

[Lowry & Fenwick (1983); Lowry & Springthorpe (2005)]

***Gammarella hybophora* Lowry & Fenwick, 1983**

Lowry & Fenwick, 1983: 223-228, figs. 16-18.

De Broyer & Jazdzewski, 1993: 51.

Distribution:**S****Campbell Island:** Perseverance Harbour, 12-15 m (bottom/habitat: fine to coarse sand); Smoothwater Bay, 18 m (bottom/habitat: steep rock face); Northwest Bay, 9 m (bottom/habitat: associated with sandy sediments at exposed sites) (L&F 83).**The Snares:** Senecio Pool, 48°07'S 166°36'E, 7 m (bottom/habitat: among deposits of terrestrial plants detritus); Ho Ho Bay, 30 m (bottom/habitat: under algal-covered boulders on coarse shelly sand); north side of Punui Bay, 27 m (bottom/habitat: among bryozoans) and from 50 m (bottom/habitat: coarse shelly sand); Boat Harbour, intertidal zone (bottom/habitat: among terrestrial plant detritus under rocks in shallow pool); 3 stations, 6-26 m (bottom/habitat: coralline algae, red algae, rocks) (L&F 83).**Depth range:** 0-50 m.**Type-locality:** The Snares: Senecio Pool, 48°07'S 166°36'E, 7 m (bottom/habitat: among deposits of terrestrial plants detritus); Ho Ho Bay, 30 m (bottom/habitat: under algal-covered boulders on coarse shelly sand); north side of Punui Bay, 27 m (bottom/habitat: among bryozoans) and from 50 m (bottom/habitat: coarse shelly sand); Boat Harbour, intertidal zone (bottom/habitat: among terrestrial plant detritus under rocks in shallow pool) (L&F 83).**Type material location:** NMNZ, Wellington; AM, Sydney; USNM, Washington; NMNH, London.**Family HYPERIOPSIDAE Bovallius, 1886*****Hyperiopsis australis* Walker, 1906a**

Walker, 1906a: 454.

Walker, 1907: 9, pl. 4: fig. 3.

Shoemaker, 1945d: 206.

Gurjanova, 1962: 365.

De Broyer & Jazdzewski, 1993: 53.

Barnard & Karaman, 1991: 374.

Distribution:**E(?P)****Ross Sea:** Winter Quarters Bay (AOW 06a).***Depth range:*****Type-locality:** Ross Sea: Winter Quarters Bay (AOW 06a).**Type specimen location:** NHM, London.***Hyperiopsis* sp. Birstein & Vinogradov, 1962b**

Birstein & Vinogradov, 1962b: 45.

Lowry & Bullock, 1976: 72.

De Broyer & Jazdzewski, 1993: 53.

Distribution:**E(P)****Southern Ocean, Pacific Sector:** *SAE 1955-58, Ob*, sta. 57, 64°03'S 161°59'E, 0-3000 m (bottom: 3000 m; gear: plankton net) (B&V 62b).**Depth range:** 0-3000 m (bathypelagic).**Family IPHIMEDIIDAE Boeck, 1871b**

[Coleman & Barnard, 1991b: 261-262.]

***Anchiphimedia dorsalis* K.H. Barnard, 1930**

Barnard K.H., 1930:357, figs. 29, 30.

Barnard K.H., 1932: 123.

Barnard J.L., 1958e: 17.

Lowry & Bullock, 1976: 11.

Watling & Holman, 1981: 182-184, figs. 1-2.

Watling & Thurston, 1989: 310, fig. 2h.

Barnard & Karaman, 1991: 390.

Coleman, 1991a: 367-374, fig. 1-5.

Klages, 1991: 49.

De Broyer & Jazdzewski, 1993: 53.

Distribution:**E+W(+Ba)****Palmer Archipelago:** *Discovery 1925-27*, sta. 187, Neumayer Channel, 259 m (gear: large heavy dredge; bottom/habitat: mud) (KHB 32).**South Shetland Islands:** *Polarstern ANT III*, 62°4.95'S 57°39.82'W, 200-300 m; 61°20.58'S 54°45.71'W, 259-295 m; 60°56.3'S 55°07.7'W, 388 m; 61°03.6'S 54°41.6'W, 358 m; 60°52.1'S 55°27.4'W, 322 m; 61°02.3'S 54°44.6'W, 424 m (gear: Agassiz trawl, commercial fishery trawl) (COC 91a).**Ross Sea:** *Terra Nova 1910*, sta. 355, McMurdo Sound, 547 m (KHB 30); *Eltanin 27*, sta. 1924, 75°11'S 176°13'W, 728-732 m (W&H 91).**Weddell Sea:** *Polarstern ANT VI/2*, 73°23.36'S 21°30.37'W, 465-481 m; 73°12.39'S 20°46.24'W, 650-710 m; 72°53.10'S 19°29.33'W, 421-429 m; 72°27.28'S 17°32.94'W, 455-473 m (gear: Agassiz trawl, commercial fishery trawl) (COC 91a); eastern shelf (MK 91).**Depth range:** 200-732 m.**Type-locality:** Ross Sea: *Terra Nova 1910*, sta. 355, McMurdo Sound, 547 m (KHB 30).**Type specimen location:** NHM, London.***Echiniphimedia barnardi* Coleman & Andres, 1988**

Coleman & Andres, 1988: 128-131, figs. 45-65.

Barnard K.H., 1930: 361, fig. 33. (*Echiniphimedia nodosa*, in part).

Klages, 1991: 49.

De Broyer & Jazdzewski, 1993: 53.

Distribution:**E(+Ba)****Ross Sea:** *Terra Nova 1910*: sta. 314, McMurdo Sound, 406-441 m; sta. 316, 348-457 m; sta. 318, 175 m; sta. 339, 256 m; sta. 355, 547 m (KHB 30).

Weddell Sea: *Polarstern ANT III*: sta. 28, 73°12.84'S 20°27.31'W, 387-405 m; sta. 21, 73°12.39'S 20°46.24'W, 650-710 m; sta. 45, 70°33.34'S 08°07.34'W, 165 m; sta. 25, 72°12.84'S 18°08.17'W, 604-656 m; sta. 44, 72°53.10'S 19°29.33'W, 421-429 m (C&A 88); eastern shelf (MK 91).

Depth range: 165-710 m.

Type-locality: Weddell Sea: *Polarstern ANT III*, sta. 28, 73°12.84'S 20°27.31'W, 387-405 m (C&A 88).

Type specimen location: ZMB, Berlin.

Echiniphimedia echinata Walker, 1906c

Walker, 1906c: 150. (*Iphimedia echinata*).

Walker, 1907: 28, pl. 10: fig. 16. (*Iphimedia echinata*).

Chevreaux, 1912a: 119. (*Iphimedia echinata*).

Chevreaux, 1913c: 119. (*Iphimedia echinata*).

Barnard K.H., 1930: 361, fig. 33. (*Echiniphimedia nodosa*, in part).

Barnard K.H., 1932: 126.

Nicholls, 1938: 80, fig. 42.

Barnard J.L., 1958e: 17.

Barnard J.L., 1964c: 51. (*Pariphimediella echinata*).

Barnard J.L., 1967c: 9, figs. 4, 5.

Bellan-Santini, 1972a: 167.

Arnaud, 1974: 535, 592. (eco).

Thurston, 1974b: 12.

Lowry & Bullock, 1976: 11-12.

Watling & Holman, 1981: 184-185.

? Voss, 1988: 54. (*Echiniphimedia ?echinata*).

Watling & Thurston, 1989: 310.

Barnard & Karaman, 1991: 393.

Klages, 1991: 49.

Ren & Huang, 1991: 192-193, fig. 2.

Bellan-Santini & San Martin, 1991: 193-294.

De Broyer & Jazdzewski, 1993: 53.

Gutt *et al.*, 2000: 76-77.

Lovell & Trego, 2003: 1814-1815, table 9.

Lörz & Brandt, 2004: 179-190. (phy).

Lörz & Held, 2004: 6-14.

Distribution: **E+W+G(+Ba)**

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36', 45m; *Aurora 1912-14*, sta. 2, 52-547 m; sta. 7, 109 m (GEN 38); Géologie Archipelago, 10-130 m (DBS 72b).

Bransfield Strait: 63°14'S 58°40'W, 73-92 m; 63°14'S 58°45'W, 45 m (JLB 67c).

Marguerite Bay: Jenny Island, 200-230 m (EC 13c).

Palmer Archipelago: *Discovery 1925-27*, sta. 190, Bismarck Strait, 90-130 m (gear: large heavy dredge, large rectangular net; bottom/habitat: stones mud, rock) (KHB 32).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, Hut Point, 45-54 m (AOW 07); *Terra Nova 1910*: sta. 314, McMurdo Sound, 406-441 m; sta. 316, 348-457 m; sta. 318, 175 m; sta. 355, 547 m (KHB 30); *Eltanin 32*, sta. 1995, 72°04'S 172°38'E, 360-342 m; sta. 2065, 78°23'S 173°06'W, 473-475 m (W&H 81).

South Georgia: *Discovery 1925-27*: sta. 140, Stromness

Harbour to Larsen Point, 122-136 m (gear: nets; bottom/habitat: green mud, stones); sta. 148, Cape Saunders, 132-148 m (gear: nets; bottom/habitat: grey mud, stones); sta. 149, mouth of Cumberland East Bay, 200-234 m (gear: nets, large otter trawl; bottom/habitat: mud) (KHB 32).

South Orkney Islands: Signy Island, Elephant Flats, littoral (MHT 74b).

South Shetland Islands: 64°24.5'S 61°41'W, 378 m (R&H 91); Chile Bay, 62°27.3'S 59°38.2'W, 200 m (gear: grab) (BS&SM 91); King George Island, 62°16'S 60°38'W, 160 m (gear: otter trawl); Deception Island, 62°58'S 60°38'W, 160 m (gear: otter trawl) (L&T 03).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl) (JG *et al.* 00); 70°50.4'S 10°35.2'W, 266 m (L&H 04).

Depth range: 0-650 m.

Type-locality: Ross Sea: *Discovery 1901-04*, Winter Quarters Bay (AOW 06c).

Type specimen location: NHM, London; RSM, Edinburgh.

Echiniphimedia gabrielae Coleman & Andres, 1988

Coleman & Andres, 1988: 121-124, figs. 22-44.

Klages, 1991: 49.

De Broyer & Jazdzewski, 1993: 53.

Distribution:

E+W

South Shetland Islands: *Polarstern ANT III*, sta. 31, 61°13.45'S 55°58.21'W, 130 m (C&A 88); *Polarstern ANT VI/2*, sta. 218, 61°00.4'S 55°03.4'W, 186-238 m (gear: trawl); sta. 230, 61°02.8'S 54°42.7'W, 379-424 m (gear: trawl) (Coleman, unpubl. recs.).

Weddell Sea: eastern shelf (MK 91).

Depth range: 130-424 m.

Type-locality: South Shetland Islands: *Polarstern ANT III*, sta. 31, 61°13.45'S 55°58.21'W, 130 m (C&A 88).

Type specimen location: ZMB, Berlin.

Echiniphimedia hodgsoni Walker, 1906c

Walker, 1906c: 152. (*Iphimedia hodgsoni*).

Walker, 1907: 30, pl. 11, fig. 18. (*Iphimedia hodgsoni*).

Barnard K.H., 1930: 359, fig. 31.

Schellenberg, 1931a: 123.

Barnard K.H., 1932: 125.

Nicholls, 1938: 82, fig. 43, 44.

Barnard J.L., 1958e: 17.

Barnard J.L., 1967c: 3, figs. 1-3.

Bellan-Santini, 1972a: 169.

Arnaud, 1974: 592 (eco).

Lowry & Bullock, 1976: 12.

Watling & Holman 1981: 185.

Arnaud *et al.*, 1986: 16, tab.I.

Voss, 1988: 54.

Coleman, 1989a: fig. 1-2.
 Watling & Thurston, 1989: 310.
 Barnard & Karaman, 1991: 393.
 Bellan-Santini & San Martin, 1991: 294-295.
 Klages, 1991: 49.
 Jazdzewski *et al.*, 1992: 464.
 De Broyer & Jazdzewski, 1993: 54.
 Jazdzewski *et al.*, 1996: 370.
 De Broyer *et al.*, 1999: 166.
 Gutt *et al.*, 2000: 76-77.
 Dauby *et al.*, 2001a: 69-86. (eco).
 Dauby *et al.*, 2001b: 657-662. (eco).
 De Broyer *et al.*, 2001: 744-753. (eco)
 Graeve *et al.*, 2001: 853-862. (eco).
 Lovell & Trego, 2003: 1814-1815, table 9.
 Lörz & Brandt, 2004: 179-190. (phy).
 Lörz & Held, 2004: 6-14.

Distribution:**E+W+G(+Ba)**

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36', 82-109 m; *Aurora 1912-14*, sta. 1, 640-732 m; sta. 2, 527-549 m; sta. 7, 109 m; sta. 12, 201 m (GEN 38); Géologie Archipelago, 20-140 m (DBS 72a).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32); 62°41'S 57°51'W, 662-1120 m (JLB 67c).

Davis Sea: 198-601 m (GEN 38).

Oates Coast: *Terra Nova 1910*, sta. 194, 329-366 m (KHB 30).

Palmer Archipelago: *Discovery 1925-27*, sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stones, mud, rock; gear: large rectangular net, large heavy dredge) (KHB 32); Adelaide Island, 67°49'S 69°10'W, 119 m (JLB 1967c).

Ross Sea: *Discovery 1901-04*, Coulman Island, 180 m (AOW 06c, AOW 07); *Terra Nova 1910*, sta. 314, McMurdo Sound, 406-441 m; sta. 316, 348-457 m; sta. 348, 366 m; sta. 355, 547 m (KHB 30).

South Georgia: Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a); *Discovery 1925-27*, sta. 149, mouth of Cumberland East Bay, 200-234 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. MS 71, Cumberland East Bay, 110-60 m (gear: tow-net of coarse silk, small beam trawl); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets); sta. 148, off Cape Saunders, 132-148 m (bottom/habitat: grey mud, stones; gear: nets); sta. 158, 53°48'S 35°57'W, 401-411 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

South Orkney Islands: 60°26'S 45°53'W, 146-168 m (JLB 67c).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32); Elephant Island, 61°25'S 56°30'W, 210-300 m (JLB 67c); *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m (W&H 81); Low Island, 63°24'S 62°14'W, 50-52 m (gear: dredge) (BS&SM 91); King George Island, Admiralty Bay (KJ *et al.* 92); King George Island, 62°16'S 60°38'W, 160 m (gear: otter

trawl) (L&T 03).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91; CDB *et al.* 99); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl); sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 06 AGT 03, Kapp Norvegia, 71°27.40'S 13°43.30'W, 212 m (gear: Agassiz trawl); sta. 06 AGT 09, Kapp Norvegia, 71°32.10'S 13°44.10'W, 362 m (gear: Agassiz trawl); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 12 BT 05, South of Vestkapp, 73°18.10'S 21°10.10'W, 459 m (gear: bottom trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 188-1130 m (CDB *et al.* 01); *Polarstern ANT XVII/3 (EASIZ III)*, 71°11.9'S 12°21.7'W, 323 m (L&H 04).

Depth range: 20-1130 m.

Type-locality: Ross Sea: Coulman Island, 180 m (AOW 06c).

Type specimen location: NHM, London.

***Echiniphimedia imparidentata* (Bellan-Santini, 1972a)**

Bellan-Santini, 1972a: 181, pl. 9. (?*Pariphimediella imparidentata*).

Lowry & Bullock, 1976: 17 (*Pariphimediella imparidentata*).
 Watling & Holman, 1980: 625. (*Iphimediella imparidentata*).
 Watling & Thurston, 1989: 311. (*Iphimediella imparidentata*).
 Barnard & Karaman, 1991: 396. (*Iphimediella imparidentata*).
 Coleman, 2007: pp (gen. rem.).

Distribution:**E**

Adélie Coast: Géologie Archipelago, between Bernard and Lamarck Islands, 50 m (bottom/habitat: sand, stones, hydroids, sponges, bryozoa) (DBS 72a).

Depth range: 50 m.

Type-locality: Adélie Coast: Géologie Archipelago, between Bernard and Lamarck Islands, 50 m (bottom/habitat: sand, stones, hydroids, sponges, bryozoa) (DBS 72a).

Type specimen location: MCSN, Verona.

***Echiniphimedia scotti* K.H. Barnard, 1930**

Barnard K.H., 1930: 360, fig. 32.

Barnard J.L., 1958e: 17.

Barnard J.L., 1967c: 13, fig. 6.

Bellan-Santini, 1972a: 169.

Lowry & Bullock, 1976: 12.

Andres, 1985: 120, figs. 1, 2, 3a-b.

Watling & Thurston, 1989: 310.

Andres, 1990: 138, fig. 276.

Barnard & Karaman, 1991: 393.

Klages, 1991: 49.
De Broyer & Jażdżewski, 1993: 54.
De Broyer *et al.*, 2001: 744-753. (eco).
Lovell & Trego, 2003: 1814-1815, table 9.

Distribution: E+W+G(+Ba)

Adélie Coast: Géologie Archipelago, 50-130 m (DBS 72a).
Ross Sea: *Terra Nova 1910*, sta. 316, McMurdo Sound, 348-457 m (KHB 30).
South Georgia: *Walther Herwig 1977-78*, sta. 492, 55°00'S 35°30'W, 0-120 m (bottom: 125 m; gear: RMT) (HGA 85).
South Shetland Islands: Deception Island, 62°58'S 60°38'W, 160 m (gear: otter trawl) (L&T 03).
Trinity Peninsula: Joinville Island, 62°40'S 54°45'W, 210-219 m (JLB 67c).
Weddell Sea: eastern shelf (MK 91), 118-517 m (CDB *et al.* 01).
Depth range: 50-517 m.
Type-locality: Ross Sea: *Terra Nova 1910*, sta. 316, McMurdo Sound, 348-457 m (KHB 30).
Type specimen location: MCSN, Verona.

***Echiniphimedia waegelei* Coleman & Andres, 1988**

Coleman & Andres, 1988: 124-127, figs. 22-44.
Barnard K.H., 1930: 361. (*Echiniphimedia nodosa*, in part).
Klages, 1991: 49.
De Broyer & Jażdżewski, 1993: 54.
Gutt *et al.*, 2000: 76-77.
Lörz & Brandt, 2004: 179-190. (phy).
Lörz & Held, 2004: 6-14.

Distribution: E

Ross Sea: *Terra Nova 1910*, sta. 314, McMurdo Sound, 406-441 m; sta. 316, 348-457 m; sta. 318, 175 m; sta. 339, 256 m; sta. 355, 547 m (KHB 30).
Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl) (JG *et al.* 00); *Polarstern ANT II/4*, sta. 04/310, 76°52.0'S 50°40.4'W, 249-254 m (C&A 88); *Polarstern ANT XVII/3 (EASIZ III)*, 70°50.4'S 10°35.2'W, 266 m (L&H 04).
Depth range: 170-266 m.
Type-locality: Weddell Sea: *Polarstern ANT III*, sta. 20, 71°21.61'S 13°24.50'W, 225 m (HGA 88).
Type specimen location: ZMH, Hamburg.

***Gnathiphimedia barnardi* Thurston, 1974b**

Thurston, 1974b: 15, figs. 3, 4.
Barnard K.H., 1932: 121. (*Gnathiphimedia mandibularis*).
Lowry & Bullock, 1976: 12-13.
Watling & Holman, 1981: 187-188, fig. 3.
Voss, 1988: 54.
Watling & Thurston, 1989: 310.
Wakabara *et al.*, 1990: 4, 6.

Barnard & Karaman, 1991: 395.
Bellan-Santini & San Martin, 1991: 299.
Klages, 1991: 49.
De Broyer & Jażdżewski, 1993: 54.

Distribution: E+W+G

South Georgia: *Discovery 1925-27*, sta. 159, 53°48'S 35°57'W (MHT 74b); *Discovery 1925-27*, sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl); sta. MS 71, Cumberland East Bay, 60-110 m (gear: small beam trawl, tow-net of coarse silk); sta. 27, Cumberland West Bay, 110 m (bottom/habitat: mud, rock; gear: large dredge); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk); sta. 145, Stromness Harbour, 26-35 m (bottom/habitat: weedy ground gear: small beam trawl); sta. 148, off Cape Saunders, 132-148 m (bottom/habitat: grey mud, stones; gear: nets); sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge); sta. WS 33, 54°59'S 35°24'W, 130 m (bottom/habitat: 130 m, grey mud, stones; gear: tow-net); (KHB 32).
South Shetland Islands: *Eltanin 6*, sta. 410, 61°18'-20'S 56°09'-10'W, 220-240 m (W&H 81); 61°16'S 55°05'W, 60 m (YW *et al.* 90).
Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91).
Depth range: 26-250 m.
Type-locality: South Georgia: *Discovery 1925-27*, sta. 159, 53°48'S 35°57'W (MHT 74b).
Type specimen location: NHM, London.

***Gnathiphimedia fuchsi* Thurston, 1974a**

Thurston, 1974a: 29, figs. 8k-m, 9a-i, 10a-g.
Lowry & Bullock, 1976: 13.
Voss, 1988: 54.
Watling & Thurston, 1989: 310.
Barnard & Karaman, 1991: 395.
Rauschert, 1991: 36.
Jażdżewski *et al.*, 1992: 464.
De Broyer & Jażdżewski, 1993: 54.
Jażdżewski *et al.*, 1996: 371.

Distribution: E+W

South Orkney Islands: Signy Island, Borge Bay, 5-15 m (MHT 74a).
South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91); Admiralty Bay, 46-157 m (gear: Van Veen grab) (KJ *et al.* 92).
Weddell Sea: eastern and southern shelf, no loc. (JV 88).
Depth range: 5-157 m.
Type-locality: South Orkney Islands: Signy Island, Borge Bay, 5-15 m (MHT 74a).
Type specimen location: NHM, London.

***Gnathiphimedia incerta* Bellan-Santini, 1972a**

Bellan-Santini, 1972a: 170, pls. 2, 3.
 Lowry & Bullock, 1976: 13.
 Watling & Holman, 1981: 193-195, figs. 7-8. (*Gnathiphimedia sexdentata incerta*).
 Watling & Thurston, 1989: 310.
 Barnard & Karaman, 1991: 395.
 De Broyer & Jazdzewski, 1993: 54.

Distribution: **E+W**

Adélie Coast: Géologie Archipelago, 60-75 m (DBS 72a).

Ross Sea: *Eltanin* 32, sta. 1995, 72°04'S 172°38'E, 342-360 m (W&H 81).

South Shetland Islands: *Eltanin* 6, sta. 418, 62°39'-40'S 56°08'-10'W, 311-426 m; *Eltanin* 12, sta. 1003, 62°41'S 54°43'W, 210-220 m (W&H 81).

Depth range: 60-426 m.

Type-locality: Adélie Coast: Géologie Archipelago, 60-75 m (DBS 72a).

Type specimen location: MCSN, Verona.

***Gnathiphimedia macrops* K.H. Barnard, 1932**

Barnard K.H., 1932: 122, fig. 68.
 Barnard K.H., 1932: 122. (*Gnathiphimedia sexdentata*, in part).
 Nicholls, 1938: 78, fig. 41.
 Barnard J.L., 1958e: 17.
 Thurston, 1974b: 13, fig. 2b.
 Lowry & Bullock, 1976: 13.
 Watling & Holman, 1980: 635-636, figs. 16-17. (*Iphimediella discoveryi*).
 Watling & Holman, 1981: 188-189.
 Voss, 1988: 54.
 Watling & Holman, 1989: 310.
 Barnard & Karaman, 1991: 395.
 Klages, 1991: 49.
 De Broyer & Jazdzewski, 1993: 54.

Distribution: **E+W+G(+Ba)**

Adélie Coast: *Aurora* 1912-14, sta. 2, Commonwealth Bay, 518-540 m (GEN 38).

South Georgia: *Discovery* 1925-27, sta. 42, off mouth of Cumberland East Bay, 120-204 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. 123, Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl); sta. 148, off Cape Saunders, 132-148 m (bottom/habitat: grey mud, stones; gear: nets); sta. 149, mouth of Cumberland East Bay, 200-234 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. 156, 53°51'S 36°21'W, 200-236 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

South Shetland Islands: *Eltanin* 12, sta. 1003, 62°41'S 54°43'W, 210-220 m (W&H 80).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91).

Depth range: 120-540 m.

Type-locality: South Georgia: Cumberland Bay, 120-250 m; Cape Saunders. 132-148 m; Cumberland East Bay, 200-234m; 53°51'S 36°21'W, 200-236 m (KHB 32).

Type specimen location: NHM, London.

***Gnathiphimedia mandibularis* K.H. Barnard, 1930**

Barnard K.H., 1930: 352, fig. 26.
 Nicholls, 1938: 77.
 Barnard J.L., 1958e: 17.
 Arnaud, 1974: 592. (eco).
 Non Barnard K.H., 1932: 121. (= *Gnathiphimedia barnardi*).
 Lowry & Bullock, 1976: 13.
 Voss, 1988: 54.
 Watling & Thurston, 1989: 310.
 Coleman, 1989c: 343, fig 1.
 Klages & Gutt, 1990b: 74-76, figs. 1b, 4e-h. (eco).
 Barnard & Karaman, 1991: 394-395.
 Bellan-Santini & San Martin, 1991: 295-300, figs. 1-2.
 Klages, 1991: 49.
 De Broyer & Jazdzewski, 1993: 54.
 De Broyer *et al.*, 1999: 166.
 Gutt *et al.*, 2000: 76-77.
 Dauby *et al.*, 2001a: 69-86. (eco).
 Dauby *et al.*, 2001b: 657-662. (eco).
 De Broyer *et al.*, 2001: 744-753. (eco)
 Lörz & Brandt, 2004: 179-190. (phy).
 Lörz & Held, 2004: 6-14.

Distribution: **E+W(+Ba)**

Adélie Coast: *Aurora* 1912-14, sta. 1, Commonwealth Bay, 630-730 m (GEN 38).

Oates Coast: *Terra Nova* 1910, sta. 194, 329-366 m (KHB 30).

Ross Sea: *Terra Nova* 1910, sta. 316, McMurdo Sound, 348-457 m; sta. 355, 547 m (KHB 30).

South Shetland Islands: Chile Bay, 62°27.3'S 59°39.45'W, 45 m (bottom/habitat: mud, sand; gear: grab); 62°28.5'S 59°38.4'W, 91 m (bottom/habitat: mud, sand, stones; gear: dredge) (BS&SM 91).

Weddell Sea: eastern shelf, 180-2000 m (K&G 90); eastern shelf (MK 91; CDB *et al.* 99); *Polarstern* ANT XIII/3 (*EASIZ D*), sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 170-773 m (CDB *et al.* 01); *Polarstern* ANT XVII/3 (*EASIZ III*), 70°50.2'S 10°34.89'W, 269 m (L&H 04); southern shelf: *Polarstern* ANT I, sta. 19, 76°45.6'S 31°59.8'W, 257 m (gear: Agassiz trawl) (Coleman, unpubl. rec.); eastern shelf: *Polarstern* ANT III/3, sta. 20, 71°21.61'S 13°24.50'W, 225 m (gear: Agassiz trawl); sta. 38, 73°55.32'S 22°46.43'W, 238-255 m (gear: Agassiz trawl); sta. 41, 72°32.94'S 17°32.94'W, 455-473 m (gear: Agassiz trawl); sta. 45, 70°33.34'S 8°7.34'W, 165 m (gear: Agassiz trawl) (Coleman, unpubl. recs.).

Depth range: 45-2000 m.

Type-locality: Ross Sea: *Terra Nova* 1910, sta. 316, McMurdo

Sound, 348-457 m; sta. 355, 547 m; Oates Coast: *Terra Nova 1910*, sta. 194, 329-366 m (KHB 30).

Type specimen location: NHM, London.

***Gnathiphimedia sexdentata* (Schellenberg, 1926a)**

Schellenberg, 1926a: 331. (*Iphimediella sexdentata*).

Walker, 1907: 27. (*Iphimedia pacifica*, in part; part = *Iphimediella margueritei*).

Chevreux, 1913c: 118. (*Iphimedia pacifica*).

Barnard K.H., 1930: 353, 449, fig. 27. (*Gnathiphimedia pacifica*).

Barnard K.H., 1932: 122. (in part, part = *Gnathiphimedia macrops*).

Nicholls, 1938: 77, fig. 40.

Stephensen, 1947a: 50.

Barnard J.L., 1958e: 17.

Thurston, 1974b: 13, fig. 2a.

Lowry & Bullock, 1976: 13-14.

Watling & Holman, 1981: 189-193, figs. 4-6. (*Gnathiphimedia sexdentata sexdentata*).

De Broyer, 1983: 295-296, fig. 96-97.

Voss, 1988: 54.

Barnard & Karaman, 1991: 395.

Klages, 1991: 49.

Ren & Huang, 1991: 190-191, fig. 1.

Rauschert, 1991: 36.

Bellan-Santini & San Martin, 1991: 300-301. (*Gnathiphimedia sexdentata sexdentata*).

De Broyer & Jazdzewski, 1993: 55.

De Broyer *et al.*, 1999: 166.

Gutt *et al.*, 2000: 76-77.

Lovell & Trego, 2003: 1814-1815, table 9.

Lörz & Brandt, 2004: 179-190. (phy).

Lörz & Held, 2004: 6-14.

Distribution: E+W(+Ba)

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36', 45 m; *Aurora 1912-14*, sta. 1, 640-732 m; sta. 2, 527-549 m (GEN 38).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (gear: large heavy dredge; bottom/habitat: mud, stones, gravel) (KHB 32).

Davis Sea: *Aurora 1912-14*, sta. 8, no loc., 216 m (GEN 38); 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a); *PABE I*, sta. D2, near Mirnyj station, 68 m (CDB 83).

Enderby Land: *PABE III*, sta. 45, Alasheyev Bight, 30-40 m (CDB 83).

Marguerite Bay: 200 m (EC 13c); Stonington Island, 31 m (MHT 74b).

Palmer Archipelago: *Discovery 1925-27*, sta. 190, Bismarck Strait, 90-315 m (gear: large heavy dredge, large rectangular net; bottom/habitat: mud, stones, rock) (KHB 32); Port Lockroy, 9-120 m (KS 47a).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, 36-234 m (AOW 07); *Terra Nova 1910*, sta. 314, McMurdo Sound, 406-441 m; sta. 316, 348-457 m; sta. 331, 457 m; sta. 338, 379

m; sta. 339, 256 m; sta. 355, 547 m; *Nimrod 1907-1909*, Cape Royds, 108-144 m (KHB 30), *Eltanin 51*, sta. 5769, 77°09.1'S 158°59.6'-159°00.2'W, 344-357 m (W&H 81).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32); *Eltanin 6*, sta. 418, 62°39'-40'S 56°08'-10'W, 311-426 m (W&H 81); 62°51.6'S 61°06'W, 302 m; 62°12.2'S 58°55'W, 110 m (R&H 91); Chile Bay, 62°28'S 59°36.6'W, 82 m (bottom/habitat: sand, mud; gear: grab); 62°28.2'S 59°40.9'W, 73 m (bottom/habitat: sand, mud; gear: grab); 62°26.7'S 59°40.1'W, 90 m (bottom/habitat: sand, mud; gear: grab); Deception Island, 62°59.1'S 60°28.9'W, 35 m (gear: dredge) (BS&SM 91); King George Island, 62°11'-14'S 58°52'-58'W (MR 91); King George Island, 62°16'S 60°38'W, 160 m (gear: otter trawl) (L&T 03); *Polarstern ANT VI/2*, sta. 207, 62°46.9'S 60°54.4'W, 146-133 m (gear: beam trawl) (Coleman, unpubl. rec.).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91; CDB *et al.* 99); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); *Polarstern ANT XVII/3 (EASIZ III)*, 71°12.19'S 12°19.01'W, 318 m (L&H 04); southern shelf, *Polarstern ANT I*, sta. 19, 76°45.6'S 31°59.8'W, 257 m (gear: Agassiz trawl) (Coleman, unpubl. rec.); eastern shelf, *Polarstern ANT I*, sta. 30, 62° 38.81' S 55° 45.2'W, 277.5 m, (gear: Agassiz trawl); *Polarstern ANT III*, sta. 11, 62°4.95'S 57°39.82'W, 200-300 m (gear: Agassiz trawl); sta. 16, 61°20.58'S 54°45.71'W, 259-295 m (gear: trawl); sta. 20, 71°21.61'S 13°24.50'W, 225 m (gear: Agassiz trawl); sta. 22, 73°11.1'S 20°34.15'W, 413-429 m (gear: Agassiz trawl); sta. 38, 73°55.32'S 22°46.43'W, 238-255 m (gear: Agassiz trawl); sta. 41, 72°32.94'S 17°32.94'W, 455-473 m (gear: Agassiz trawl); sta. 44, 72°53.10'S 19°29.33'W, 421-429 m (gear: trawl) (Coleman, unpubl. recs.).

Wilhelm Archipelago: N.E. of Petermann Island, 50-80 m (EC 13c).

Depth range: 9-720 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Gnathiphimedia urodentata* Bellan-Santini & Ledoyer, 1987**

Bellan-Santini & Ledoyer, 1987: 359-361, fig. 1.

Watling & Thurston, 1989: 310.

Barnard & Karaman, 1991: 395.

Branch *et al.*, 1991: 4, 9, fig.

De Broyer & Jazdzewski, 1993: 55.

Distribution: S

Prince Edward Islands: *Marion Dufresne 08*, sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 26 CP 135, 46°50.6'S 38°00.6'E, 135-145 m (BS&L 87).

Depth range: 120-145 m.

Type-locality: Prince Edward Islands: *Marion Dufresne 08*, sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 26 CP 135,

46°50.6'S 38°00.6'E, 135-145 m (BS&L 87).

Type specimen location: MCSN, Verona.

***Gnathiphimedia watlingi* Coleman, 1994**

Coleman, 1994: 1059-1067, figs. 1-6.

Distribution:

W

South Shetland Islands: *Polarstern ANT VI/2*, sta.12/221, 60°56.3'S 55°07.7'W, 388 m (gear: commercial fishery trawl) (COC 94).

Depth range: 388 m.

Type-locality: South Shetland Islands: *Polarstern ANT VI/2*, sta.12/221, 60°56.3'S 55°07.7'W, 388 m (gear: commercial fishery trawl) (COC 94).

Type specimen location: NHM, London.

***Iphimedia imparilabia* Watling & Holman, 1980**

Watling & Holman, 1980: 621-624, figs. 8-9.

Karaman, 1980b: 57-58.

Watling & Thurston, 1989: 306, 311.

Barnard & Karaman, 1991: 395.

De Broyer & Jazdzewski, 1993: 55.

Gutt *et al.*, 2000: 76-77.

Distribution:

E+M(+Ba)

Falkland Islands: *Eltanin 6*, sta. 340, 53°07-08'S 59°21-23'W, 567-578 m (W&H 80).

Magellan area: no loc. (W&T 89).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 246-578 m.

Type-locality: Falkland Islands: *Eltanin 6*, sta. 340, 53°07-08'S 59°21-23'W, 567-578 m (W&H 80).

Type specimen location: USNM, Washington.

***Iphimedia macrocystidis* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 128, fig. 72. (*Panoploea macrocystidis*).

Hurley, 1954f: 766 (in key). (*Panoploea macrocystidis*).

Barnard J.L., 1958e: 18. (*Panoploea macrocystidis*).

Lowry & Bullock, 1976: 16. (*Panoploea macrocystidis*).

Karaman, 1980b: 58.

Watling & Holman, 1980: 619.

Watling & Thurston, 1989: 306, 311.

Barnard & Karaman, 1991: 395.

De Broyer & Jazdzewski, 1993: 55.

Distribution:

M

Falkland Islands: *Discovery 1925-27*, sta. 53, Port Stanley, 0-2 m (KHB 32).

Depth range: 0-2 m.

Type-locality: Falkland Islands: *Discovery 1925-27*, sta. 53,

Port Stanley, 0-2 m (KHB 32).

Type specimen location: NHM, London.

***Iphimedia magellanica* Watling & Holman, 1980**

Watling & Holman, 1980: 619-621, figs. 5-7.

Karaman, 1980b: 58.

Barnard & Karaman, 1991: 395.

De Broyer & Jazdzewski, 1993: 55.

Chiesa *et al.*, 2005: 170.

Distribution:

M(+Ba)

Magellan area: *Eltanin 11*, sta. 977, 52°32'S 63°53'W, 299 m (W&H 80); southern Tierra del Fuego, Punta Moat, 55°02'S 66°42'W, 15-20 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Depth range: 15-299 m.

Type-locality: Magellan area: *Eltanin 11*, sta. 977, 52°32'S 63°53'W, 299 m (W&H 80).

Type specimen location: USNM, Washington.

***Iphimedia multidentata* (Schellenberg, 1931a)**

Schellenberg, 1931a: 117, fig. 63. (*Panoploea multidentata*).

Barnard J.L., 1958e: 18. (*Panoploea multidentata*).

Lowry & Bullock, 1976: 16. (*Panoploea multidentata*).

Karaman, 1980b: 59.

Watling & Holman, 1980: 619.

Watling & Holman, 1981: 196, fig. 9.

Barnard & Karaman, 1991: 395.

De Broyer & Jazdzewski, 1993: 55.

De Broyer & Rauschert, 1999: 284, table 1.

Chiesa *et al.*, 2005: 170.

Distribution:

M(+Ba)

Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel); 53°45'S 61°10'W, 140-150 m (bottom/habitat: gravel, stones, shells); 52°S 59°W, 90 m (AS 31a).

Magellan area: Isla Elizabeth, beach; Rio Seco, 18-36 m (bottom/habitat: shells); Bahia Harris, 27 m (bottom/habitat: shells); Isla Picton, Banner Cove, 5 m (bottom/habitat: kelp holdfasts); Magellan Sound (AS 31a); *Hero 715*, sta. 897, 54°55'S 64°18'-20'W, 263-285 m (W&H 81); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio 55°03'S 66°37'W, 30-35 m (gear: dredge) (ILC *et al.* 05).

Depth range: 5-285 m.

Type-locality: Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel); 53°45'S 61°10'W, 140-150 m (bottom/habitat: gravel, stones, shells); 52°S 59°W, 90 m (AS 31a).

Magellan area: Isla Elizabeth, beach; Rio Seco, 18-36 m (bottom/habitat: shells); Bahia Harris, 27 m (bottom/habitat: shells); Isla Picton, Banner Cove, 5 m (bottom/habitat: kelp holdfasts); Magellan Sound (AS 31a).

Type specimen location: NRS, Stockholm.

***Iphimedia pacifica* Stebbing, 1883**

Stebbing, 1883: 207.
 Stebbing, 1888: 890, pl. 71.
 Della Valle, 1893: 583, pl. 58; fig. 89.
 Stebbing, 1906: 215, fig. 55.
 Walker, 1907: 27-28.
 NonChevreux, 1913c: 118. (*Iphimedia pacifica* = *Gnathipimedia sexdentata*).
 Non Barnard K.H., 1930: 353, 449, fig. 27. (*Gnathipimedia pacifica* = *Gnathipimedia sexdentata*).
 Barnard K.H., 1932: 119. (*Iphimediella pacifica*).
 Barnard J.L., 1958e: 17.
 Mills, 1972a: 74, table 1.
 Lowry & Bullock, 1976: 14.
 Karaman, 1980b: 60-61.
 Watling & Holman, 1980: 619.
 Watling & Thurston, 1989: 306, 311.
 Barnard & Karaman, 1991: 395.
 De Broyer & Jazdzewski, 1993: 55.

Distribution: **E+W+S**

Heard Island: *Challenger 1873-76*, sta. 150, 52°04'S 71°22'E, 274 m (bottom: coarse gravel; gear: dredge) (TRS 88).

Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom: volcanic mud; gear: dredge) (TRS 88).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, 36-234 m (AOW 07).

Depth range: 36-416 m.

Type-locality: Heard Island: *Challenger 1873-76*, sta. 150, 52°04'S 71°22'E, 274 m (bottom: coarse gravel; gear: dredge); Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 235 m (bottom: volcanic mud; gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Iphimedia spinosa* (Thomson, 1880a)**

Thomson, 1880a: 3, pl. 1, fig. 2. (*Panoploea spinosa*).
 Thomson, 1881: 213. (*Panoploea spinosa*).
 Thomson & Chilton, 1886: 150. (*Panoploea spinosa*).
 Stebbing, 1888: 524. (*Iphimedia spinosa*).
 Thomson, 1889: 262. (*Panoploea spinosa*).
 Della Valle, 1893: 585. (*Iphimedia spinosa*).
 Hutton, 1904: 259. (*Iphimedia spinosa*).
 Stebbing, 1906: 212. (*Panoploea spinosa*).
 Thomson, 1913: 242. (*Panoploea spinosa*).
 Stephensen, 1927e: 313, fig. 9. (*Panoploea spinosa*).
 Hurley, 1954f: 766, figs. 1-35, (in key). (*Panoploea spinosa*).
 Barnard J.L., 1958e: 18. (*Panoploea spinosa*).
 Barnard J.L., 1972b: 25, 31, (in key). (*Panoploea spinosa*).
 Lowry, 1974a: 101, 122, fig. 3a, (in key). (*Panoploea spinosa*).
 Lowry & Bullock, 1976: 16. (*Panoploea spinosa*).
 Karaman & Barnard, 1979: 110.
 Karaman, 1980b: 65.

Watling & Holman, 1980: 619.
 Watling & Thurston, 1989: 306-311.
 Barnard & Karaman, 1991: 395.
 De Broyer & Jazdzewski, 1993: 55.

Distribution: **S+**

Auckland Islands: Carnley Harbour, Masked Island (KS 27e).

Depth range: 7-9 m.

Type-locality: New Zealand: Dunedin Harbour, 7-9 m (GMT 80).

Extralimital distribution: New Zealand.

Extralimital depth range:

Type specimen location:

***Iphimediella acuticoxa* Watling & Holman, 1980**

Watling & Holman, 1980: 629-631, figs. 12-13.
 Watling & Thurston, 1989: 311.
 Barnard & Karaman, 1991: 396.
 De Broyer & Jazdzewski, 1993: 56.

Distribution: **W**

Graham Land: *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m (W&H 80).

Depth range: 210-220 m.

Type-locality: Graham Land: *Eltanin 12*, Sta. 1003, 62°41'S 54°43'W, 210-220 m (W&H 80).

Type specimen location: USNM, Washington.

***Iphimediella bransfieldi* K.H. Barnard, 1932**

Barnard K.H., 1932: 119.
 Nicholls, 1938: 70, fig. 37j.
 Barnard J.L., 1958e: 18.
 Lowry & Bullock, 1976: 14.
 Watling & Holman, 1980: 631-635, fig. 14-15.
 Voss, 1988: 54.
 Watling & Thurston, 1989: 306, 311.
 Barnard & Karaman, 1991: 396.
 Klages, 1991: 49.
 De Broyer & Jazdzewski, 1993: 56.
 De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution: **E+W**

Davis Sea: *Aurora 1912-14*, sta. 8, 216 m (GEN 38).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Ross Sea: *Eltanin 51*, sta. 5761, 76°01.6'S 179°49.9'E, 388-399 m (W&H 80).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91); *Polarstern ANT XV/3 (EASIZ II)*, sta. 266, Drescher Inlet, 72°50.5'S 19°21.8'W, 419 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 200-419 m.

Type-locality: Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.

Iphimediella cyclogena K.H. Barnard, 1930

Barnard K.H., 1930: 349, fig. 23.

Nicholls, 1938: 71, fig. 37 a-h. (*Iphimediella intermedia*).

Barnard J.L., 1958e: 18. (*Iphimediella intermedia*).

Barnard J.L., 1958e: 18.

Barnard J.L., 1964c: 51. (*Pariphimediella intermedia*).

Lowry & Bullock, 1976: 14 & 17. (*Pariphimediella intermedia*).

Watling & Holman, 1980: 636-639, figs. 18-19.

Voss, 1988: 54.

Watling & Thurston, 1989: 306-611.

Barnard & Karaman, 1991: 396.

Klages, 1991: 49.

De Broyer & Jazdzewski, 1993: 56.

Gutt *et al.*, 2000: 76-77.

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2001: 744-753. (eco).

Nyssen *et al.*, 2002: 280-287. (eco).

Lörz & Brandt, 2004: 179-190. (phy).

Lörz & Held, 2004: 6-14.

Distribution: E+W(+Ba)

Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 527-549 m; sta. 3, Commonwealth Bay, 287 m (GEN 38).

Oates Coast: *Terra Nova 1910*, sta. 194, 329-366 m (KHB 30).

Ross Sea: *Terra Nova 1910*, sta. 316, McMurdo Sound, 348-457 m (KHB 30).

South Shetland Islands: *Eltanin 12*, sta. 1002, 62°40'S 54°44'-45'W, 265 m; sta. 1003, 62°41'S 54°43'W, 210-220 m (W&H 80); *Polarstern ANT I*, sta. 30, 62° 38.81' S 55° 45.2'W, 277 m, (gear: Agassiz trawl) (Coleman, unpubl. rec.).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl); Kapp Norvegia, 29 BT 04, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 178-889 m (CDB *et al.* 01), (FN *et al.* 02); *Polarstern ANT XVII/3 (EASIZ III)*, 71°11.9'S 12°21.7'W, 323 m (L&H 04); southern shelf, *Polarstern ANT I*, sta. 19, 76°45.6'S 31°59.8'W, 257 m (gear: Agassiz trawl) (Coleman, unpubl. rec.); eastern shelf, *Polarstern ANT III*, sta. 20, 71°21.61'S 13°24.50'W, 225 m (gear: Agassiz trawl); sta. 21, 73°12.39'S 20°46.24'W, 710-650 m (gear: trawl); sta. 22, 73°11.1'S 20°34.15'W, 413-429 m (gear: Agassiz trawl); sta. 26, 72°31.64'S 17°34.97'W, 242-264 m (gear: Agassiz trawl); sta. 28, 73°12.84'S 20°27.31'W, 387-405 m (gear: trawl); sta. 38, 73°55.32'S 22°46.43'W, 238-255 m (gear: Agassiz trawl); sta. 41, 72°32.94'S 17°32.94'W, 455-473 m (gear: Agassiz trawl); sta. 43, 73°23.36'S 21°30.37'W, 465-481 m (gear: trawl) (Coleman, unpubl. recs.).

Depth range: 178-889 m.

Type-locality: Ross Sea: *Terra Nova 1910*, sta. 316, McMurdo Sound, 348-457 m (KHB 30).

Type specimen location: NHM, London.

Iphimediella dominici Coleman, 1996

Coleman, 1996: 125-133, figs. 5-9.

Distribution: E

Weddell Sea: eastern shelf, *Polarstern ANT?*, sta.?, 72°53.10'S 19°29.33'W, 421-429 m, (gear: commercial fishery trawl). (COC 96).

Depth range: 421-429 m.

Type-locality: Weddell Sea: eastern shelf, *Polarstern ANT?*, sta.?, 72°53.10'S 19°29.33'W, 421-429 m, (gear: commercial fishery trawl). (COC 96).

Type specimen location: NHM, London.

Iphimediella georgei Watling & Holman, 1980

Watling & Holman, 1980: 626-629.

Voss, 1988: 54.

Watling & Thurston, 1989: 311.

Barnard & Karaman, 1991: 396.

Klages, 1991: 49.

De Broyer & Jazdzewski, 1993: 56.

Lörz & Brandt, 2004: 179-190. (phy).

Lörz & Held, 2004: 6-14.

Distribution: E+W(+Ba)

Bransfield Strait: *Islas Orcadas 19*, sta. 7, 8, 62°18.9'S 55°13'W, 610 m (W&H 80).

Ross Sea: *Eltanin 27*, sta. 1924, 75°11'S 176°13'W, 728-735 m (W&H 80).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91); *Polarstern ANT XVII/3 (EASIZ III)*, 71°11.9'S 12°20.7'W, 316 m (L&H 04).

Depth range: 316-735 m.

Type-locality: Bransfield Strait: *Islas Orcadas 19*, sta. 7, 8, 62°18.9'S 55°13'W, 610 m (W&H 80).

Ross Sea: *Eltanin 27*, sta. 1924, 75°11'S 176°13'W, 728-735 m (W&H 80).

Type specimen location: USNM, Washington.

Iphimediella margueritei Chevreux, 1912a

Chevreux, 1912a: 213.

Walker, 1907: 27. (*Iphimedia pacifica*, in part).

Chevreux, 1913c: 120, fig. 22-24.

Barnard K.H., 1930: 348, fig. 22.

Schellenberg, 1931a: 119.

Barnard K.H., 1932: 119.

Nicholls, 1938: 69.

Nicholls, 1938: 69, fig. 36. (*Iphimediella margueritei* var.

acuta).

Stephensen, 1947a: 49.

Barnard J.L., 1958e: 18.

Bellan-Santini, 1972a: 173.

Arnaud, 1974: 592. (eco).

Thurston, 1974b: 13.

Lowry & Bullock, 1976: 14.

Watling & Holman, 1980: 624-625.

Watling & Holman, 1981: 198-199, fig. 10.

Andres, 1985: 120-121, figs. 3c-m, 4, 5a-c.

Watling & Thurston, 1989: 311.

Wakabara *et al.*, 1990: 2, 4, 6.

Barnard & Karaman, 1991: 396.

Bellan-Santini & San Martin, 1991: 303.

Klages, 1991: 49.

De Broyer & Jażdżewski, 1993: 56.

Coleman, 1994: 1067-1074, figs. 7-12.

Distribution: **E+W+G(+Ba)**

Adélie Coast: *Aurora 1912-14*, sta. 1, Commonwealth Bay, 640-732 m; sta. 2, Commonwealth Bay, 527-549 m (GEN 38); Cape Géodésie, 220-240 m (DBS 72a).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Davis Sea: *Aurora 1912-14*, sta. 8, 219 m (GEN 38).

Marguerite Bay: 200 m (EC 13c).

Ross Sea: *Terra Nova 1910*, sta. 314, McMurdo Sound, 406-441 m; sta. 316, 348-5-457 m; sta. 338, 379 m; sta. 339, 256 m (KHB 30).

Shag Rocks: 53°34'S 43°23'W, 160 m (bottom/habitat: sand, gravel) (AS 31a).

South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay, algae) (AS 31a), *Discovery 1925-27*, sta. MS 71, Cumberland East Bay, 110-60 m (gear: small beam trawl, tow-net of coarse silk); sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: large otter trawl, nets) (KHB 32); *Walther Herwig 1977-78*, sta. 492, 55°00'S 35°30'W, 0-120 m (bottom: 125 m; gear: RMT) (HGA 85).

South Sandwich Islands: Visokoi Island, 10-15 m (KS 47a).

South Shetland Islands: *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m (W&H 81); King George Island, Admiralty Bay, 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90); Deception Island, 62°59.3'S 60°28.6'W, 32 m (bottom/habitat: sand and stones; gear: dredge) (BS&SM 91).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT III*, sta. 41, 72°27'28"S 17°32'94"W, 455-473 m (gear: Agassiz trawl) (COC 94).

Depth range: 10-732 m.

Type-locality: Marguerite Bay: 200 m (EC 13c).

Type specimen location: NHM, London.

Iphimediella microdentata (Schellenberg, 1926a)

Schellenberg, 1926a: 329, fig. 44. (*Iphimedia microdentata*).

Barnard K.H., 1930: 351, fig. 24. (*Iphimediella brevispinosa*).

Schellenberg, 1931a: 121. (*Pariphimediella microdentata*).

Barnard K.H., 1932: 116.

Nicholls, 1938: 73, fig. 38. (*Pariphimediella microdentata*).

Barnard J.L., 1958e: 19. (*Pariphimediella microdentata*).

Lowry & Bullock, 1976: 18. (*Pariphimediella microdentata*).

Watling & Holman, 1980: 625.

Voss, 1988: 54.

Watling & Thurston, 1989: 311.

Barnard & Karaman, 1991: 396.

Klages, 1991: 49.

De Broyer & Jażdżewski, 1993: 56.

Distribution: **E(+Ba)**

Adélie Coast: *Aurora 1912-14*, sta. 1, Commonwealth Bay, 590-720 m (GEN 38).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a); *Aurora 1912-14*, sta. 8, Commonwealth Bay, 219 m (GEN 38).

Ross Sea: McMurdo Sound, 256-441 m (KHB 32).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91).

Depth range: 216-720 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

Iphimediella paracuticoxa Andres, 1988b

Andres, 1988b: 111-120, figs. 1-27.

De Broyer & Jażdżewski, 1993: 57.

Distribution: **W**

Bransfield Strait: *Polarstern ANT III*, sta. 207, 62°59'S 57°05'W, 68 m (HGA 88).

Depth range: 68 m.

Type-locality: Bransfield Strait: *Polarstern ANT III*, sta. 207, 62°59'S 57°05'W, 68 m (HGA 88).

Type specimen location: ZMH, Hamburg.

Iphimediella rigida K.H. Barnard, 1930

Barnard K.H., 1930: 351, fig. 25.

Barnard J.L., 1958e: 18.

Lowry & Bullock, 1976: 15.

Watling & Holman, 1980: 625.

Watling & Holman, 1981: 200-202, figs. 11-12.

Voss, 1988: 54.

Watling & Thurston, 1989: 311.

Barnard & Karaman, 1991: 396.

Klages, 1991: 49.

De Broyer & Jażdżewski, 1993: 57.

Lörz & Brandt, 2004: 179-190. (phy).

Lörz & Held, 2004: 6-14.

Distribution: **E+W(+Ba)**

Ross Sea: *Terra Nova 1910*, sta. 339, McMurdo Sound, 256 m (KHB 30).

South Shetland Islands: *Eltanin 12*, sta. 1002, 64°40'S 54°44'-

54°W, 625 m (W&H 81).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91); *Polarstern ANT XVII/3 (EASIZ III)*, 71°11.9'S 12°21.7'W, 323 m (L&H 04).

Depth range: 256-625 m.

Type-locality: Ross Sea: *Terra Nova 1910*, sta. 339, McMurdo Sound, 256 m (KHB 30).

Type specimen location: NHM, London.

Iphimediella ruffoi Coleman, 1996

Coleman, 1996: 117-125, figs. 1-4.

Distribution:

E

Weddell Sea: eastern shelf, *Polarstern ANT?*, sta.?, 72°31.64'S 17°34.97'W, 242-264 m, (gear: Agassiz trawl). (COC 96).

Depth range: 242-264 m.

Type-locality: Weddell Sea: eastern shelf, *Polarstern ANT?*, sta.?, 72°31.64'S 17°34.97'W, 242-264 m, (gear: Agassiz trawl). (COC 96).

Type specimen location: NHM, London.

Iphimediella serrata (Schellenberg, 1926a)

Schellenberg, 1926a: 328, fig. 43. (*Iphimedia serrata*).

Schellenberg, 1931a: 121. (*Pariphimediella serrata*).

Nicholls, 1938: 75, fig. 39. (*Pariphimediella octodentata*).

Barnard J.L., 1958e: 19. (*Pariphimediella serrata*).

Barnard J.L., 1958e: 19. (*Pariphimediella octodentata*).

Lowry & Bullock, 1976: 18. (*Pariphimediella serrata*).

Lowry & Bullock, 1976: 18. (*Pariphimediella octodentata*).

Karaman & Barnard, 1979: 110-111.

Watling & Holman, 1980: 625.

Watling & Holman, 1980: 625. (*Iphimediella octodentata*).

Watling & Holman, 1981: 202, fig. 13.

Watling & Holman, 1981: 199-200. (*Iphimediella octodentata*).

Voss, 1988: 54. (*Iphimediella octodentata*).

Watling & Thurston, 1989: 311.

Watling & Thurston, 1989: 311. (*Iphimediella octodentata*).

Barnard & Karaman, 1991: 396.

Barnard & Karaman, 1991: 396. (*Iphimediella octodentata*).

Bellan-Santini & San Martin, 1991: 305, figs. 3-5. (*Iphimediella octodentata*).

De Broyer & Jazdzewski, 1993: 57.

Leistikow & Coleman, 1995: 27-35, figs. 1-5. (new syn.).

Gutt *et al.*, 2000: 76-77. (*Iphimediella octodentata*).

Distribution:

E+W(+Ba)

Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 527-549 m (GEN 38).

Brandsfield Strait: *Eltanin 6*, sta. 418, 62°39'-40'S 56°08'-10'W, 311-426 m (W&H 81).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

South Shetland Islands: Chile Bay, 62°29.4'S 59°42.2'W,

54 m (bottom/habitat: mud, sand, stones; gear: grab); 62°29'S 59°41'W, 69 m (bottom/habitat: mud, sand, stones; gear: grab) 62°28.5'S 59°38'40"W, 91 m (bottom/habitat: mud, sand, stones; gear: dredge) (BS&SM 91).

Weddell Sea: *Polarstern ANT III/3*, 72°53.10'S 19°29'33"W, 421-429 m (gear: fishery bottom trawl) (L&C 95); eastern and southern shelf, no loc. (JV 88); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 29 BT 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00).

Depth range: 54-549 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin; AM, Sydney (*Iphimediella octodentata*).

Labriphimedia pulchridentata Stebbing, 1883

Stebbing, 1883: 206. (*Iphimedia pulchridentata*).

Stebbing, 1888: 894, pl. 72. (*Iphimedia pulchridentata*).

Della Valle, 1893: 583, pl. 58: fig. 88. (*Iphimedia pulchridentata*).

Stebbing, 1906: 215. (*Iphimedia pulchridentata*).

Barnard K.H., 1930: 358. (*Echiniphimedia pulchridentata*).

Barnard K.H., 1932: 123.

Barnard J.L., 1958e: 18.

Lowry & Bullock, 1976: 15.

Watling & Thurston, 1989: 311.

Barnard & Karaman, 1991: 396.

De Broyer & Jazdzewski, 1993: 57.

Distribution:

S

Heard Island: *Challenger 1873-76*, sta. 151, 52°59'30"S 73°33'30"E, 135 m (bottom/habitat: mud; gear:dredge) (TRS 88).

Depth range: 136 m.

Type-locality: Heard Island: *Challenger 1873-76*, sta. 151, 52°59'S 73°33'E, 135 m (bottom/habitat: mud; gear:dredge) (TRS 88).

Type specimen location: NHM, London.

Labriphimedia vespuccii K.H. Barnard, 1931a

Barnard K.H., 1931a: 427.

Barnard K.H., 1932: 124, fig. 69.

Barnard J.L., 1958e: 18.

Lowry & Bullock, 1976: 15.

Watling & Thurston, 1989: 311.

Barnard & Karaman, 1991: 396.

De Broyer & Jazdzewski, 1993: 57.

Distribution:

M

Falkland Islands: *Discovery 1925-27*, sta. 51, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets) (KHB 32).

Depth range: 105-115 m.

Type-locality: Falkland Islands (KHB 31).

Type specimen location: NHM, London.

***Maxilliphimedia longipes* (Walker, 1906c)**

Walker, 1906c: 151. (*Iphimedia longipes*).

Walker, 1907: 29, pl. 9: fig. 17. (*Iphimedia longipes*).

Barnard K.H., 1930: 355, fig. 28.

Barnard J.L., 1958e: 18.

Dearborn, 1967: 45.

Lowry & Bullock, 1976: 15.

Watling & Holman, 1981: 204, fig. 14.

Voss, 1988: 54.

Coleman, 1989a: figs. 3-4.

Watling & Thurston, 1989: 311.

Wakabara *et al.*, 1990: 2, 4, 6.

Barnard & Karaman, 1991: 397.

Coleman & Barnard 1991f: 291-298, figs. 1-5.

Klages, 1991: 49.

Ren & Huang, 1991: 194, fig. 3.

De Broyer & Jazdzewski, 1993: 57.

Gutt *et al.*, 2000: 80-84.

Dauby *et al.*, 2001a: 69-86. (eco).

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2001: 744-753. (eco)

Distribution: **E+W(+Ba)**

Ross Sea: *Discovery 1901-04*, Coulman Island, 180 m (AOW 07); *Terra Nova 1910*, sta. 338, McMurdo Sound, 379 m (KHB 30), 100 m (JHD 67).

South Shetland Islands: *Eltanin 12*, sta. 997, 61°44'-46'S 55°54'-56'W, 769 m; sta. 1002, 62°40'S 54°44'-45'W, 265 m (W&H 81); 61°16'S 55°05'W, 60 m; 62°48'S 54°20'W, 280 m (YW *et al.* 90); 62°07.5'S 57°57'W, 400 m; 63°22.5'S 60°34.3'W, 478 m (R&H 91).

Weddell Sea: eastern and southern shelf (JV 88); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 186-617 m (CDB *et al.* 01).

Depth range: 60-769 m.

Type-locality: Ross Sea: *Discovery 1901-04*, Coulman Island, 180 m (AOW 07).

Type specimen location: NHM, London.

***Nodotergum bicarinatum* Bellan-Santini, 1972a**

Bellan-Santini, 1972a: 173, pl. 4.

Lowry & Bullock, 1976: 15.

Watling & Thurston, 1989: 311 figs. 2g, 3g.

Barnard & Karaman, 1991: 397.

De Broyer & Jazdzewski, 1993: 57.

Distribution:

Adélie Coast: Cape Géodésie, 115-135 m (DBS 72a).

E

Depth range: 115-135 m.

Type-locality: Adélie Coast: Cape Géodésie, 115-135 m (DBS 72a).

Type specimen location: MCSN, Verona.

***Paranchiphimedia monodi* Ruffo, 1949**

Ruffo, 1949: 20, fig. 3, 4.

Barnard J.L., 1958e: 18.

Lowry & Bullock, 1976: 16.

Watling & Thurston, 1989: 312.

Barnard & Karaman, 1991: 398, 399.

De Broyer & Jazdzewski, 1993: 57.

Distribution:

E

Bellingshausen Sea: *Belgica 1897-99*, 70°00'S 80°48'W (SR 49).

Depth range:

Type-locality: Bellingshausen Sea: *Belgica 1897-99*, 70°00'S 80°48'W (SR 49).

Type specimen location: IRScNB, Brussels.

***Parapanoploea longirostris* Bellan-Santini, 1972a**

Bellan-Santini, 1972a: 179, pls. 7, 8.

Lowry & Bullock, 1976: 16.

De Broyer, 1983: 297-299, pl. 98.

Watling & Thurston, 1989: 312, fig. 2k.

Barnard & Karaman, 1991: 399.

De Broyer & Jazdzewski, 1993: 58.

Distribution:

E

Adélie Coast: Géologie Archipelago, SE of Curie Island, 110-130 m (DBS 72a).

Davis Sea: *PABE I*, sta. D2, near Mirnyj Station, 68 m (CDB 83).

Depth range: 68-130 m.

Type-locality: Adélie Coast: Géologie Archipelago, 110-130 m (DBS 72a).

Type specimen location: MCSN, Verona

***Parapanoploea oxygnathia* Nicholls, 1938**

Nicholls, 1938: 66, figs. 34,35.

Barnard J.L., 1958e: 18.

Lowry & Bullock, 1976: 16.

Watling & Holman, 1981: 209-210, fig. 18.

Lowry, 1982: 320.

Watling & Thurston, 1989: 312.

Wakabara *et al.*, 1990: 2, 4, 6.

Barnard & Karaman, 1991: 399.

Klages, 1991: 49.

De Broyer & Jazdzewski, 1993: 58.

Distribution:

E+W

Davis Sea: *Aurora 1912-14*, sta. 8, Commonwealth Bay, 216 m (GEN 38).

South Shetland Islands: 62°09'15"S 58°28'30"W, 17-40 m (YW *et al.* 90).

Ross Sea: *Eltanin 51*, sta. 5769, 77°09.1'S 158°59.6'-159°00.2'W, 344-357 m (W&H 91).

Weddell Sea: eastern shelf (MK 91).

Depth range: 17-357 m.

Type-locality: Davis Sea: *Aurora 1912-14*, sta. 8, Commonwealth Bay, 216 m (GEN 38).

Type specimen location: Types lost (Lowry, 1982).

Parapanoploea recessa Andres, 1988b

Andres, 1988b: 113-115, figs. 28-50.

De Broyer & Jazdzewski, 1993: 58.

Distribution:

W

South Shetland Islands: *Polarstern ANT III: Polarfuchs*, sta. 014, 62°10'S 58°30'W, 150 m (HGA 88b).

Depth range: 150 m.

Type-locality: South Shetland Islands: *Polarstern ANT III: Polarfuchs*, sta. 014, 62°10'S 58°30'W, 150 m (HGA 88b).

Type specimen location: ZMH, Hamburg.

Pariphimedia integricauda Chevreux, 1906a

Chevreux, 1906a: 39, fig. 2.

Chevreux, 1906e: 39, figs. 21-23.

Chilton, 1912a: 487.

Chilton, 1925a: 176.

Barnard K.H., 1932: 127, fig. 70.

Stephensen, 1947a: 50.

Barnard J.L., 1958e: 19.

Castellanos & Perez, 1963: table 5, fig. 17c. (eco).

Castellanos, 1973: 15. (eco).

Arnaud, 1974: 525. (eco).

Thurston, 1974a: 29.

Thurston, 1974b: 16.

Lowry & Bullock, 1976: 17.

Andres, 1985: 121-123, figs. 5d-q, 6, 7a-c. (*Pariphimedia incisa*).

Arnaud *et al.*, 1986: 16, tab. I.

Watling & Thurston, 1989: 312. (*Pariphimedia incisa*).

Wakabara *et al.*, 1990: 4, 6.

Barnard & Karaman, 1991: 399; 400 (*Pariphimedia incisa*).

Coleman & Barnard, 1991d: 530-533, figs. 1-5.

Bellan-Santini & San Martin, 1991: 307-311.

Jazdzewski *et al.*, 1991: 110.

Rauschert, 1991: 36.

Jazdzewski *et al.*, 1992: 464, 469.

De Broyer & Jazdzewski, 1993: 58.

Jazdzewski *et al.*, 1996: 371.

Distribution:

W

Danco Coast: Spring Point, tide pool (C&P 63); Paradise

Harbour, 'Point Piedras', low tide (ZJC 73).

Palmer Archipelago: *Discovery 1925-27*, sta. 179, Schollaert Channel, Melchior Islands, 4-10 m (bottom/habitat: rock; gear: small dredge) (KHB 32); Flandres Bay, low tide-10 m; Port Lockroy, 20-30 m (KS 47a); Lecuyer Point, Peltier Channel, 18 m (MHT 74b).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, shore pools-7 m (bottom/habitat: gravel and clumps of weed) (CC 12a); Signy Island, Borge Bay, 1.5-49 m (MHT 74a).

South Sandwich Islands: Visokoi Island, 55-91 m (KS 47a).

South Shetland Islands: *Walther Herwig 1977-78*, sta. 384, 61°15'S 54°16'W, 0-145 m (bottom: 180 m; gear: RMT) (HGA 85); 62°09'15"S 58°28'30"W, 17-40 m (YW *et al.* 90); King George Island, 62°11'-14'S 58°52'-58'W (MR 91); Admiralty Bay, in front of Ferraz Station, 3 m (bottom/habitat: under stone on Bryozoa; gear: SCUBA) (C&B 91); 15-30 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91); Deception Island, 25-75 m (KS 47a); 62°59.4'S 60°28.5'W, 41 m (bottom/habitat: sand; gear: dredge); 62°59.3'S 60°28.6'W, 32 m (bottom/habitat: sand, stones; gear: dredge); 63°00'30"S 60°31'30"W, 50 m (gear: grab); 62°59'S 60°29'W, 20 m (bottom/habitat: scoria; gear: dredge); 62°59.1'S 60°28.9'W, 35 m (gear: dredge); 62°58.1'S 60°40.5'W, 104 m (gear: dredge) (BS&SM 91).

Trinity Peninsula: Hope Bay, Grunden Rock, littoral (MHT 74b).

Wilhelm Archipelago: Booth Island, low tide (EC 06a).

Depth range: 0-145 m.

Type-locality: Wilhelm Archipelago: Booth Island, low tide (EC 06a).

Type specimen location: MNHN, Paris; ZMH, Hamburg (*Pariphimedia incisa*).

Pariphimedia normani (Cunningham, 1871)

Cunningham, 1871: 498, pl. 59, fig. 7. (*Iphimedia normani*).

Della Valle, 1893: 585. (*Iphimedia normani*).

Stebbing, 1906: 217. (*Iphimedia normani*).

Stebbing, 1914b: 359, pl. 4, 5.

Schellenberg, 1931a: 119.

Barnard K.H., 1932: 127, fig. 71.

Barnard J.L., 1958e: 19.

Lowry & Bullock, 1976: 17.

Watling & Thurston, 1989: 312.

Barnard & Karaman, 1991: 400.

Coleman & Barnard, 1991d: 534-539, figs. 6-10.

Gonzalez, 1991a: 57.

Rauschert, 1991: 36.

De Broyer & Jazdzewski, 1993: 58.

De Broyer & Rauschert, 1999: 284, table 1.

Chiesa *et al.*, 2005: 170.

Distribution:

W+M

Falkland Islands: Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae) (AS 31a); *Discovery 1925-27*, sta. 53, Port Stanley, 0-2 m (KHB 32); Whales Bay (TRS 14b).

Magellan area: Isla Elizabeth (ROC 71); Magellan Sound;

Puerto Hope, 11-18 m (bottom/habitat: stones, algae); Bahía Ushuaia, 22-27 m (bottom/habitat: algae) (AS 31a); *Eltanin*, sta. 974, 53°32'S 64°57'W, 119-124 m (gear: 40' otter trawl) (C&B 91e); southern Tierra del Fuego, Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Bahía Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 0-124 m.

Type-locality: Magellan area: Isla Elizabeth (ROC 71).

Type specimen location: NHM, London.

***Pseudiphimediella glabra* (Schellenberg, 1931a)**

Schellenberg, 1931a: 121, fig. 65, pl. 1, fig. B. (*Pariphimediella glabra*).

Barnard J.L., 1958e: 19. (*Pariphimediella glabra*).

Lowry & Bullock, 1976: 17. (*Pariphimediella glabra*).

Watling & Holman, 1980: 639-641, fig. 20.

Barnard & Karaman, 1991: 400.

Coleman & Barnard, 1991a: 83-90, figs. 5-10.

Gonzalez, 1991a: 57.

De Broyer & Jazdzewski, 1993: 58.

De Broyer & Rauschert, 1999: 284, table 1.

Chiesa *et al.*, 2005: 170.

Distribution: **M(+Ba)**

Burdwood Bank: 53°45'S 61°10'W, 140-150 m (bottom/habitat: gravel, stones, shells) (AS 31a).

Falkland Islands: Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae); Port Albemarle, 15-30 m (bottom/habitat: sand, algae); 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel); Port Stanley, 2 m (AS 31a).

Magellan area: Rio Seco, 18-36 m (bottom/habitat: shells); Cabo Valentina, 270 m (bottom/habitat: shells); Bahía Ushuaia, 19-27 m (bottom/habitat: algae); Ultima Esperanza, 12-18 m (bottom/habitat: algae, clay, stones); Magellan Sound; Punta Arenas (bottom/habitat: shells) (AS 31a); *Eltanin* 9, sta. 740, 56°06'-07'S 66°19'-30'W, 384-494 m; *Eltanin* 11, sta. 977, 52°32'S 63°53'W, 229 m (W&H 80); *Eltanin*, sta. 974, 53°32'S 64°57'W, 119-124 m (gear: 40' otter trawl) (C&B 91a); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W (ILC *et al.* 05).

Depth range: 2-494 m.

Type-locality: Burdwood Bank: 53°45'S 61°10'W, 140-150 m (bottom/habitat: gravel, stones, shells) (AS 31a).

Falkland Islands: Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae); Port Albemarle, 15-30 m (bottom/habitat: sand, algae); 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel); Port Stanley, 2 m (AS 31a).

Magellan area: Rio Seco, 18-36 m (bottom/habitat: shells); Cabo Valentina, 270 m (bottom/habitat: shells); Bahía Ushuaia, 19-27 m (bottom/habitat: algae); Ultima Esperanza, 12-18 m (bottom/habitat: algae, clay, stones); Magellan Sound; Punta Arenas (bottom/habitat: shells) (AS 31a).

Type specimen location: NRS, Stockholm.

***Pseudiphimediella nodosa* (Dana, 1852a)**

Dana, 1852a: 217. (*Iphimedia* (*Acanthosoma*) *nodosa*).

Dana, 1853: 928, pl. 63: fig. 3A,B. (*Iphimedia nodosa*).

Bate, 1862: 125, pl. 23: fig. 1. (*Iphimedia nodosa*).

Della Valle, 1893: 583, pl. 58: figs., 90, 91. (*Iphimedia nodosa*).

Stebbing, 1906: 216. (*Iphimedia nodosa*).

Chevreaux, 1913c: 118. (*Iphimedia nodosa*).

Stebbing, 1914b: 358. fig. 64: pl. 1, fig. A. (*Iphimedia nodosus*).

Non Barnard K.H., 1930: 361, fig. 33. (*Echiniphimedia nodosa*: part = *Echiniphimedia echinata*, = *Echiniphimedia barnardi*, = *Echiniphimedia waegeli*).

Schellenberg, 1931a: 119.

Barnard K.H., 1932: 119, fig. 67. (*Iphimediella nodosa*).

Barnard J.L., 1958e: 19.

Lowry & Bullock, 1976: 18.

Karaman & Barnard, 1979: 111. (*Iphimediella nodosa*).

Watling & Holman, 1980: 641-642, fig. 21.

Watling & Thurston, 1989: 312.

Barnard & Karaman, 1991: 400.

Gonzalez, 1991a: 57.

Coleman & Barnard, 1991a: 76-83, figs. 1-5.

De Broyer & Jazdzewski, 1993: 58.

Chiesa *et al.*, 2005: 170.

Distribution: **M**

Falkland Islands: Port Stanley, low tide (TRS 14b); Port Albemarle, 40 m (bottom/habitat: sand, algae); Port Louis, 7 m; Port Stanley (AS 31a); *Discovery* 1925-27, sta. WS 85, East Falkland Island, off Lively Island, 79 m (gear: commercial otter trawl; bottom/habitat: sand, shells) (KHB 32).

Magellan area: Magellan Sound; Canal Smith; Punta Arenas, 23 m; Bahía Inutil, 36-54 m (bottom/habitat: shells); Porvenir, 11-18 m (bottom/habitat: algae); 51°40'S 57°25'W, 150 m (bottom/habitat: sand) (AS 31a); Isla Hermite (JDD 53); Isla Desolacion, Bahía Tuesday (EC13c); southern Tierra del Fuego, Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahía Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Depth range: 0-150 m.

Type-locality: Magellan area: Tierra del Fuego, Isla Hermite (JDD 53).

Type specimen location:

***Stegopanoploea joubini* (Chevreaux, 1912a)**

Chevreaux, 1912a: 212. (*Panoploea joubini*).

Chevreaux, 1913c: 114, figs. 19-21. (*Panoploea joubini*).

Barnard K.H., 1932: 128. (*Panoploea joubini*).

Nicholls, 1938: 64, fig. 33. (*Panoploea joubini* var. *bidentata*).

Stephensen, 1947a: 50. (*Panoploea joubini*).

Hurley, 1954f: 766, (in key). (*Panoploea joubini* var. *bidentata*).

Hurley, 1954f: 766, (in key). (*Panoploea joubini* var. *joubini*).

Barnard J.L., 1958e: 18. (*Panoploea joubini*).

Bellan-Santini, 1972a: 175, pl. 5. (*Panoploea joubini*).
 Arnaud, 1974: 536, 562, table 20. (eco). (*Panoploea joubini*).
 Lowry & Bullock, 1976: 15. (*Panoploea joubini*).
 Karaman, 1980b: 51-52.
 Watling & Holman, 1980: 619. (*Iphimedia joubini*).
 Watling & Holman, 1981: 195-196. (*Iphimedia joubini*).
 Voss, 1988: 54. (*Iphimedia joubini*).
 Watling & Thurston, 1989: 306-311, fig. 3c. (*Iphimedia joubini*).
 Barnard & Karaman, 1991: 401.
 Klages, 1991: 49. (*Iphimedia joubini*).
 Bellan-Santini & San Martin, 1991: 302. (*Iphimedia joubini*).
 Rauschert, 1991: 36. (*Panoploea joubini*).
 Jazdzewski *et al.*, 1992: 464, 469.
 De Broyer & Jazdzewski, 1993: 59.
 Jazdzewski *et al.*, 1996: 371.

Distribution: E+W(+Ba)

Adélie Coast: Cape Géodésie, 115-170 m; Géologie Archipelago, 82-96 m (DBS 72a); Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 45 m; *Aurora 1912-14*, sta. 2, 527-549 m (GEN 38).

Davis Sea: no loc., 216 m (GEN 38); *Burton Island 592*, sta. 5, 66°32.9'S 92°54'E (W&H 81).

Marguerite Bay: S of Jenny Island, 250 m (EC 13c).

Palmer Archipelago: Port Lockroy, 120 m (KS 47a).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91); *Discovery 1925-27*, sta. Admiralty Bay, 62°07'S 58°28'W, 391 m (bottom/habitat: mud, stones; gear: nets) (KHB 32); Admiralty Bay, 46-126 m (gear: Van Veen grab) (KJ *et al.* 92); *Eltanin 6*, sta. 418, 62°39'-40'S 56°08'-10'W, 311-426 m; *Eltanin 12*, sta. 1003, 64°41'S 54°43'W, 210-220 m; *Hero 731*, sta. 1946, 64°52'-53'S 62°52'-53'W, 264-272 m (W&H 81); Chile Bay, 62°28.5'S 59°41.30'W, 118 m (bottom/habitat: mud, sand and stones; gear: grab) (BS&SM 91).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91).

Depth range: 45-549 m.

Type-locality: Marguerite Bay: Jenny Island, 250 m (EC 13c).

Type specimen location: MNHN, Paris.

Family LAPHYSTIOPSIDAE Stebbing, 1899a

Prolaphystiopsis platyceras Schellenberg, 1931a

Schellenberg, 1931a: 115, fig. 62.

Barnard, J.L., 1958b: 56.

Lowry & Bullock, 1976: 77.

Barnard & Karaman, 1991: 408.

De Broyer & Jazdzewski, 1993: 62.

Barnard, J.L., 1999: 305-309, figs. 13-15.

Distribution: M

Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: gravel, stones, shells) (AS 31a).

Depth range: 197 m.

Type-locality: Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: gravel, stones, shells) (AS 31a).

Type specimen location: NRS, Stockholm.

Prolaphystius isopodops K.H. Barnard, 1930

Barnard K.H., 1930: 342, figs. 17-19.

Barnard J.L., 1958e: 85.

Lowry & Bullock, 1976: 77.

Barnard & Karaman, 1991: 408.

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 62.

Gutt *et al.*, 2000: 80-84.

Distribution: E

Ross Sea: *Terra Nova 1910*, sta. 314, McMurdo Sound, 406-441 m (KHB 30).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 25 DR 19, Kapp Norvegia, 71°22.90'S 14°19.20'W, 622 m (gear: small dredge) (JG *et al.* 00).

Depth range: 254-622 m.

Type-locality: Ross Sea: *Terra Nova 1910*, sta. 314, McMurdo Sound, 406-441 m (KHB 30).

Type specimen location: NHM, London.

Family LEPECHINELLIDAE Schellenberg, 1926a

[Andres & Brandt, 2001]

Lepechinella cachi J.L. Barnard, 1973a

Barnard J.L., 1973a: 12, fig. 4.

Lowry & Bullock, 1976: 35.

Barnard & Karaman, 1991: 269.

De Broyer & Jazdzewski, 1993: 32.

Distribution: W(Ab)

Drake Passage: *Eltanin 1962*, sta. 112, 56°02'S 61°56'W, 4008 m; *Vema 15*, sta. 118, 55°44'S 64°11'W, 3777 m; *Vema 15*, sta. 119, 57°04'S 61°25'W, 3987 m (JLB 73b).

Depth range: 3777-4008 m.

Type-locality: Drake Passage: *Eltanin 1962*, sta. 112, 56°02'S 61°56'W, 4008 m (JLB 73b).

Type specimen location: USNM, Washington.

Lepechinella cetrata K.H. Barnard, 1932

Barnard K.H., 1932: 186, fig. 114.

Barnard J.L., 1957c: 17, (in key).

Barnard J.L., 1958e: 86.

Barnard J.L., 1961: 99, (in key).

Barnard J.L., 1973a: 14.

Lowry & Bullock, 1976: 35.

Barnard & Karaman, 1991: 269.

De Broyer & Jażdżewski, 1993: 32.

Distribution: **W**

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, Cape Bowles, 61°25'S 53°46'W, 342 m (gear: large heavy dredge; bottom/habitat: rock) (KHB 32).

Depth range: 342 m.

Type-locality: South Shetland Islands *Discovery 1925-27*, sta. 170, Clarence Island, Cape Bowles, 61°25'S 53°46'W, 342 m (gear: large heavy dredge; bottom/habitat: rock) (KHB 32).

Type specimen location: NHM, London.

***Lepechinella drygalskii* Schellenberg, 1926a**

Schellenberg, 1926a: 345, fig. 50.

Nicholls, 1938: 97.

Ruffo, 1949: 32, figs. 9, 10.

Barnard J.L., 1957c: 17, (in key).

Barnard J.L., 1958e: 86.

Barnard J.L., 1961: 99, (in key).

Barnard J.L., 1973a: 16.

Lowry & Bullock, 1976: 35-36.

Barnard & Karaman, 1991: 269.

Klages, 1991: 49.

De Broyer & Jażdżewski, 1993: 32.

Gutt *et al.*, 2000: 76-79.

Distribution: **E(+Ba)**

Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 518-540 m (GEN 38).

Bellingshausen Sea: *Belgica 1897-99*, 71°19'S 87°37'W, (SR 49).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 02 MG 28, Kapp Norvegia, 71°19.10'S 12°22.80'W, 159 m (gear: multibox corer); sta. 02 MG 29, Kapp Norvegia, 71°18.60'S 12°25.40'W, 181 m (gear: multibox corer); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 25 AGT 07, Kapp Norvegia, 71°23.10'S 14°19.80'W, 634 m (gear: Agassiz trawl); sta. 25 DR 19, Kapp Norvegia, 71°22.90'S 14°19.20'W, 622 m (gear: small dredge); sta. 32 DR 27, Kapp Norvegia, 70°28.90'S 08°15.10'W, 286 m (gear: small dredge) (JG *et al.* 00).

Depth range: 181-634 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Lepechinella huaco* J.L. Barnard, 1973b**

Barnard J.L., 1973a: 17, fig. 6.

Lowry & Bullock, 1976: 36.

Holman & Watling, 1983b: 221.

Barnard & Karaman, 1991: 269.

De Broyer & Jażdżewski, 1993: 32.

Distribution: **W(Ba)**

Drake Passage: 55°00'S 58°57'W, 2452 m (JLB 73b).

South Sandwich Islands: *Islas Orcadas 575*, sta. 54, 57°39'S 26°00'W, 2380-2609 m (H&W 91).

Depth range: 2380-2609 m.

Type-locality: Drake Passage: 55°00'S 58°57'W, 2452 m (JLB 73b).

Type specimen location: USNM, Washington.

***Lepechinelloides weddellensis* Andres & Brandt, 2001**

Andres & Brandt, 2001: 80-88, figs. 1-6.

Distribution: **E(Ba)**

Weddell Sea: *Polarstern ANT XV-3*, sta. 130, off Vestkapp, 73°24.0'S 22°08.7'W, 1983 m (gear: supranet; bottom/habitat: benthic boundary layer) (A&B 01).

Depth range: 1983 m.

Type-locality: Weddell Sea: *Polarstern ANT XV-3*, sta. 130, off Vestkapp, 73°24.0'S 22°08.7'W, 1983 m (gear: supranet; bottom/habitat: benthic boundary layer) (A&B 01).

Type specimen location: ZMH, Hamburg.

***Paralepechinella occultolongicornis* Andres & Brandt, 2001**

Andres & Brandt, 2001: 88-96, figs. 7-11.

Distribution: **E(Ba)**

Weddell Sea: *Polarstern ANT XV-3*, sta. 089, off Vestkapp, 73°27.3'S 22°45.7'W, 1645 m (gear: epibenthic sledge) (A&B 01).

Depth range: 1645 m.

Type-locality: Weddell Sea: *Polarstern ANT XV-3*, sta. 089, off Vestkapp, 73°27.3'S 22°45.7'W, 1645 m (gear: epibenthic sledge) (A&B 01).

Type specimen location: ZMH, Hamburg.

Family LEUCOTHOIDAE Dana, 1852b

***Leucothoe orkneyi* Holman & Watling, 1983**

Holman & Watling, 1983b: 231-233, figs. 12-14.

Barnard & Karaman, 1991: 412.

De Broyer & Jażdżewski, 1993: 62.

Distribution: **W(Ba)**

South Orkney Islands: *Eltanin 12*, sta. 1078, 61°27'-26'S 41°55'W, 604 m; sta. 1964, 61°26'-25'S 40°55'W, 593-598 m (H&W 83).

Depth range: 593-604 m.

Type-locality: South Orkney Islands: *Eltanin 12*, sta. 1078,

61°27'-26'S 41°55'W, 604 m; sta. 1964, 61°26'-25'S 40°55'W, 593-598 m (H&W 83).

Type specimen location: USNM, Washington.

***Leucothoe ?spincarpa* (Abildgaard, 1789) s.l.**

(Only Southern Ocean records are cited hereafter. For complete citation list and references see: <http://www.nova.edu/cwis/oceanography/jthomas/>. See remarks).

Pfeffer, 1888: 128-131, pl. 2: fig. 4. (*Leucothoe antarctica* = *Leucothoe spincarpa* fide Chilton, 1923)

Stebbing, 1906: 168. (*Leucothoe antarctica*).

Walker, 1907: 18.

Chilton, 1912a: 478.

Chevreaux, 1913c: 108.

Monod, 1926: 53, fig. 51.

Schellenberg, 1926a: 308.

Schellenberg, 1926c: 195.

Barnard K.H., 1930: 338, 449.

Barnard K.H., 1931b: 119.

Schellenberg, 1931a: 92.

Barnard K.H., 1932: 106.

Nicholls, 1938: 47.

Stephensen, 1947a: 45.

Day, Field & Penrith, 1970: 51. (eco).

Bellan-Santini, 1972a: 193.

Arnaud, 1974: 553, table 17. (eco).

Bellan-Santini & Ledoyer, 1974: 677.

Thurston, 1974a: 24.

Lowry & Bullock, 1976: 77-79.

Lowry, 1982: 320.

Holman & Watling, 1983b: 224-231, fig. 10-11.

Kunzmann, 1996: 26, 38, 48-50, 84. (eco).

Bellan-Santini & Ledoyer, 1987: 399-402, fig. 19a-b.

Barnard & Karaman, 1991: 411, 412.

Branch *et al.*, 1991: 15, 39-40, fig.

Gonzalez, 1991a: 58.

Rauschert, 1991: 37.

Jazdzewski *et al.*, 1992: 465, 469.

De Broyer & Jazdzewski, 1993: 62.

Jazdzewski *et al.*, 1996: 371.

De Broyer *et al.*, 1999: 166.

De Broyer & Rauschert, 1999: 285, table 1.

Gutt *et al.*, 2000: 80-83.

Olaso *et al.*, 2000: 143-158. (eco).

De Broyer *et al.*, 2001: 744-753. (eco)

Distribution: E+W+G+S+M++?(+Ba)

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 45-109 m; *Aurora 1912-14*, sta. 2, Commonwealth Bay, 527-549 m; sta. 7, Commonwealth Bay, 109 m (GEN 38); Géologie Archipelago, 50-96 m; Cape Géodésie, 220-240 m (DBS 72a).

Bellingshausen Sea: *Belgica 1897-99*, 71°19'S-87°37'W; 400 m (TM 26).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S-

59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Falkland Islands: Port Albemarle, 15 m (bottom/habitat: sand, algae); Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae); 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel); 53°45'S 61°10'W, 137-150 m (bottom/habitat: shells, stones) (AS 31a); *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large otter trawl, large heavy dredge) (KHB 32).

Iles Kerguelen: Baie de l'Observatoire (AS 26c); Golfe du Morbihan, Ile du Chat; Port-aux-Français, 2 m (BS&L 74).

Magellan area: Cabo Valentina, 270 m (bottom/habitat: shells); Rio Seco, 18-36 m (bottom/habitat: shells); Canal Smith, 14 m; Punta Arenas, 23 m; Canal Beagle, 125 m (bottom/habitat: small pebbles); Isla Lennox, 18 m (bottom/habitat: rocks with Florideae) (AS 31a); *Eltanin 9*, sta. 740, 56°06'-07'S 66°19'-30'W, 384-494 m; sta. 684, 54°55'S 38°05'-07'W, 595-677 m (H&W 83b); Estrecho de Magallanes (EG 91a).

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m (BS&L 87); 5-527 m (MLB *et al.* 91).

Palmer Archipelago: Marguerite Bay, 200 m; Neumayer Channel [Canal de Roosen]; Port Lockroy, 60-70 m (EC 13c); *Discovery 1925-27*, sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stone, mud, rock; gear: large heavy dredge, large rectangular net) (KHB 32).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay (AOW 07); *Terra Nova 1910*, McMurdo Sound, 457 m (KHB 30); *Nimrod 1907-1909*, Cape Royds, 55-146 m (KHB 30).

Southern Ocean, Atlantic Sector: 53°34'S 43°23'W, 160 m (bottom/habitat: sand, gravel) (AS 31a).

South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88); Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, some stones); off Grytviken, 25-50 m (bottom/habitat: grayish clay) (AS 31a); *Discovery 1925-27*, sta. MS 71, Cumberland East Bay, 110-60 m (gear: small beam trawl, tow-net of coarse silk); sta. 39, Cumberland East Bay, 179-235 m (bottom/habitat: grey mud; gear: large otter trawl); sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. 149, mouth of Cumberland East Bay, 200-234 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. WS 27, 53°55'S 38°01'W, 107 m (bottom/habitat: 80 m, gravel; gear: tow-net) (KHB 32).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, 16-18 m (CC 12a); Signy Island, Borge Bay, 1-20 m; Paal Harbour, 5-49 m (MHT 74a); *Islas Orcadas 575*, sta. 82, 55°29'S 35°20.5'W, 413-462 m; sta. 90, 54°50.6'S 37°23.8'W, 223-227 m; sta. 91, 55°00.6'S 37°42.6'W, 494-501 m (H&W 83b).

South Sandwich Islands: Visokoi Island, 10-15 m (KS 47a).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32);

Eltanin 6, sta. 410, 61°18'-20'S 56°09'-10'W, 220-240 m; sta. 418, 62°39'-40'S 56°10'-8'W, 311-426 m; sta. 432, 62°52'-55'S 59°27'-15'W, 884-935 m; *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m (H&W 83b); King George Island, 62°11'-14'S 58°52'-58'W (MR 91); Admiralty Bay, 46 m (gear: Van Veen grab) (KJ *et al.* 92).

Wilhelm Archipelago: Petermann Island, Lemaire Channel, 40-60 m (EC 13c).

Weddell Sea: eastern shelf (CDB *et al.* 99), *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 24 AGT 06, Kapp Norvegia, 71°08.15'S 11°32.25'W, 123 m (gear: Agassiz trawl); sta. 32 DR 27, Kapp Norvegia, 70°28.90'S 08°15.10'W, 286 m (gear: small dredge); sta. 02 MG 28, Kapp Norvegia, 71°19.10'S 12°22.80'W, 159 m (gear: multibox corer); sta. 02 MG 29, Kapp Norvegia, 71°18.60'S 12°25.40'W, 181 m (gear: multibox corer); sta. 02 MG 30, Kapp Norvegia, 71°19.20'S 12°27.00'W, 253 m (gear: multibox corer); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf, 332-771 m (CDB *et al.* 01).

Depth range: 1-972 m.

Type-locality: Skagerrak Strait off Denmark.

Extralimital distribution: Panoceanic ??.

Extralimital depth range:

Type specimen location: Type of *Leucothoe spinicarpa* lost. Neotype designated by Crowe (2006) located in ZMO, Oslo.

Remarks: The Southern Ocean records of the so-called cosmopolitan *Leucothoe spinicarpa* are doubtful and this material probably belongs to one or more southern species. The status of *Leucothoe spinicarpa* has recently been revised by Crowe (2006) and Krapp-Schickel & Menoui (2005). Krapp-Schickel & De Broyer (in prep.) are revising the Southern Ocean material.

Leucothoe sp. Branch *et al.*, 1991

Branch *et al.*, 1991: 15, 39-40, fig.

De Broyer & Jazdzewski, 1993: 62.

De Broyer *et al.*, 2001: 744-753. (eco).

Distribution:

S(Ba)

Prince Edward Islands: 355-527 m (MLB 91).

Depth range: 355-527m.

Family LILJEBORGIIDAE Stebbing, 1899a

Liljeborgia chevreuxi Schellenberg, 1931a

Schellenberg, 1931a: 128. (*Liljeborgia chevreuxi*).

Chevreux, 1913c: 125, figs. 25-27. (*Liljeborgia consanguinea*).

Lowry & Bullock, 1976: 79.

De Broyer & Jazdzewski, 1993: 62.

Distribution:

W

Marguerite Bay: 200 m (EC 13c).

Depth range: 200 m.

Type-locality: Marguerite Bay: 200 m (EC 13c).

Type specimen location: MNHN, Paris.

Liljeborgia consanguinea Stebbing, 1888

Stebbing, 1888: 980-984, pl. 91.

Della Valle, 1893: 658. (*Nicippe pallida*, in part).

Stebbing, 1906: 232.

Strauss, 1909: 43, pl. 5, fig. 29.

Stebbing, 1910b: 454.

Non Chevreux, 1913c: 125, figs. 25-27. (*Liljeborgia consanguinea* = *Liljeborgia chevreuxi*).

Schellenberg, 1926c: 195.

Nicholls, 1938: 85, fig. 45.

? Barnard K.H., 1940: 516.

Barnard J.L., 1958e: 87.

Barnard J.L., 1962b: 86, table 1.

? Griffiths, 1974c: 303.

Lowry & Bullock, 1976: 79.

Barnard & Karaman, 1991: 416. (in part, part = *Liljeborgia chevreuxi*).

De Broyer & Jazdzewski, 1993: 62.

Gutt *et al.*, 2000: 80-83.

Distribution:

E+S(?+)

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 45-90 m (GEN 38).

Heard Island: *Challenger 1873-76*, sta. 151, 52°59'30"S 73°33'30"E, 135 m (bottom/habitat: mud; gear:dredge) (TRS 88).

Iles Kerguelen: *Challenger 1873-76*, sta. 149, Baie Accessible, 36 m (bottom: mud; gear: dredge) (TRS 88).

Weddell Sea: eastern shelf, *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 09 DR 22, Kapp Norvegia, 71°34.70'S 12°26.60'W, 560 m (gear: small dredge); sta. 09 BT 03, Kapp Norvegia, 71°34.00'S 12°25.80'W, 604 m (gear: bottom trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 30 DR 24, Kapp Norvegia, 70°05.30'S 08°20.00'W, 2315 m (gear: small dredge); sta. 31 DR 26, Kapp Norvegia, 70°30.90'S 10°44.20'W, 1586 m (gear: small dredge); sta. 32 DR 27, Kapp Norvegia, 70°28.90'S 08°15.10'W, 286 m (gear: small dredge) (JG *et al.* 00).

Depth range: 36-2315 m.

Type-locality: Heard Island: *Challenger 1873-76*, sta. 151, 52°59'30"S 73°33'30"E, 135 m (bottom/habitat: mud; gear: dredge); Iles Kerguelen: *Challenger 1873-76*, sta. 149, Baie Accessible, 36 m (bottom: mud; gear: dredge) (TRS 88).

Extralimital distribution: ? South Africa.

Extralimital depth range:

Type specimen location: NHM, London.

***Liljeborgia dubia* (Haswell, 1879b)**

Haswell, 1879b: 331, pl. 20: fig. 3. (*Eusirus dubius*).
 Haswell, 1882: 247. (*Eusirus dubius*).
 Haswell, 1885b: 100, pl. 14: fig. 1. (*Eusirus dubius*).
 Haswell, 1885b: 101, pl. 14: fig. 2-4. (*Eusirus affinis*).
 Stebbing, 1888: 985, pl. 92. (*Liljeborgia haswelli*).
 Della Valle, 1893: 661, pl. 59: fig. 68. (*Nicippe haswelli*).
 Thomson, 1902: 463. (*Liljeborgia haswelli*).
 ? Walker, 1903a: 60. (questioned by J.L. Barnard, 1972b). (*Liljeborgia haswelli*).
 Hutton, 1904: 259. (*Liljeborgia haswelli*).
 Stebbing, 1906: 233.
 Walker, 1907: 35. (*Liljeborgia dubia*).
 Stebbing, 1908b: 78.
 Chilton, 1909b: 619.
 Strauss, 1909: 43, pl. 4, fig. 28.
 Stebbing, 1910a: 638.
 Non Stebbing, 1910b: 454. (*Liljeborgia dubia* = *Liljeborgia georgiana*).
 Non Chilton, 1912a: 485. (*Liljeborgia dubia* = *Liljeborgia georgiana*).
 Thomson, 1913: 243.
 Chilton, 1921d: 65.
 Barnard K.H., 1930: 365, fig. 35.
 ? Pirlot, 1936b: 300, fig. 125. (questioned by J.L. Barnard, 1972b). (*Liljeborgia dubia*).
 Hurley, 1954f: 85, 796, (in key).
 Barnard J.L., 1958e: 87.
 Barnard J.L., 1962b: 86, table 1.
 Day, Field & Penrith, 1970: 52. (eco).
 Barnard J.L., 1972b: 29, 138, (in key).
 Griffiths, 1974c: 303.
 Griffiths, 1975: 141.
 Lowry & Bullock, 1976: 80.
 Wakabara *et al.*, 1988: 1-3, fig. 1a-f.
 Barnard & Karaman, 1991: 416.
 Wakabara *et al.*, 1991: 73-75.
 De Broyer & Jazdzewski, 1993: 62.
 Lowry & Stoddart, 2003: 159.

Distribution: ?E+S++

The Snares: rock pools (JLB 62b).

? **Ross Sea:** *Discovery 1901-04*, Winter Quarters Bay; Cape Adare, 47 m (AOW 07).

Depth range: 47 m.

Type-locality: Tasmania (WAH 79b).

Extralimital distribution: Australia; New Zealand; South Africa; Brazil: 19°05'-35°05'S (YW *et al.* 91); ? Indonesia (L&S 03).

Extralimital depth range: Sublittoral.

Type specimen location: MM, Sydney (lost fide L&S 03).

Remarks: synonymy and references dubious (JLB 72b).

***Liljeborgia eurycrada* Thurston, 1974b**

Thurston, 1974b: 47, figs. 15, 16. (*Liljeborgia eurycradus*).

Lowry & Bullock 1976: 80.

Barnard & Karaman, 1991: 416.

De Broyer & Jazdzewski, 1993: 62.

Distribution:

W+G

South Georgia: no loc. (MHT 74b).

South Shetland Islands: Deception Island, 9-13 m (MHT 74b).

Depth range: 9-13 m.

Type-locality: South Shetland Islands: Deception Island, 9-13 m (MHT 74b).

Type specimen location: NHM, London.

***Liljeborgia falklandica* K.H. Barnard, 1932**

Barnard K.H., 1932: 142, fig. 81c, d. (*Liljeborgia kinahani* var. *falklandica*).

Lowry & Bullock, 1976: 81. (*Liljeborgia kinahani*, in part).

Barnard & Karaman, 1991: 416.

De Broyer & Jazdzewski, 1993: 63. (*Liljeborgia falklandica*).

Distribution:

M

Falkland Islands: *Discovery 1925-27*, sta. 57, East Falkland Island, Port William, 15 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32).

Depth range: 15 m.

***Liljeborgia georgensis* K.H. Barnard, 1932**

Barnard K.H., 1932: 142, fig. 81b. (*Liljeborgia kinahani* var. *georgensis*).

Lowry & Bullock, 1976: 81. (*Liljeborgia kinahani*, in part).

Barnard & Karaman, 1991: 416.

De Broyer & Jazdzewski, 1993: 63. (*Liljeborgia georgensis*).

Distribution:

G

South Georgia: *Discovery 1925-27*, sta. 145, Stromness Harbour, 26-35 m (bottom/habitat: weedy ground; gear: small beam trawl) (KHB 32).

Depth range: 26-35 m.

***Liljeborgia georgiana* Schellenberg, 1931a**

Schellenberg, 1931a: 135, fig. 72. (*Liljeborgia georgiana*).

Stebbing, 1910b: 454. (*Liljeborgia dubia*).

Chilton, 1912a: 485. (*Liljeborgia dubia*).

Nicholls, 1938: 86, fig. 46.

Barnard J.L., 1958e: 88.

Barnard J.L., 1962b: 86, table 1.

Bellan-Santini, 1972a: 193, pl. 15. (*Liljeborgia cf. georgiana*).

Bellan-Santini, 1972b: 689. (*Liljeborgia cf. georgiana*).

Arnaud, 1974: 562, 565, table 20. (eco). (*Liljeborgia cf. georgiana*).

Lowry & Bullock, 1976: 80.

Holman & Watling, 1983b: 234.

Wakabara *et al.*, 1990: 2, 4, 6.
 Barnard & Karaman, 1991: 416.
 ? Ren & Huang, 1991: 238-240, fig. 32. (*Liljeborgia macrodon*).
 Jażdżewski *et al.*, 1992: 465, 469.
 De Broyer & Jażdżewski, 1993: 15, 63.
 Jażdżewski *et al.*, 1996: 371.
 Gutt *et al.*, 2000: 80-83.
 Dauby *et al.*, 2001a: 69-86. (eco).
 Dauby *et al.*, 2001b: 657-662. (eco).
 De Broyer *et al.*, 2001: 744-753. (eco).

Distribution: **E+W+G(+Ba)**

Adélie Coast: Commonwealth Bay, 7-45 m; Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 7 m (GEN 38); Géologie Archipelago, 15-130 m; Cape Jules, 66°44'S 140°55'E, 15-20 m (DBS 72a).

South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay, algae) (AS 31a).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, 16-18 m (gear: dredge) (CC 12a).

South Shetland Islands: *Eltanin 6*, sta. 410, 61°18'-20'S 56°09'-10'W, 220-240 m; *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m (H&W 83); 62°48'S 54°20'W, 280 m (YW *et al.* 90); 62°46'S 60°26.5'W, 120 m; 62°51.6'S 60°20.5'W, 860 m; 62°12.2'S 58°55'W, 110 m; 63°22.5'S 60°34.3'W, 478 m (R&H 91); King George Island, Admiralty Bay, 145 m (gear: Van Veen grab) (KJ *et al.* 92).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl) (JG *et al.* 00); (PD *et al.* 01), 196-1030 m (CDB *et al.* 01).

Depth range: 7-1030 m.

Type-locality: South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay, algae) (AS 31a).

Type specimen location: NRS, Stockholm.

***Liljeborgia kerguelenensis* Bellan-Santini & Ledoyer, 1974**

Bellan-Santini & Ledoyer, 1974: 678, pl. 21.
 Arnaud, 1974: 546, 553, 556, tables 14, 17, 18. (eco).
 Lowry & Bullock 1976: 80.
 Barnard & Karaman, 1991: 416.
 De Broyer & Jażdżewski, 1993: 63.

Distribution: **S**

Iles Kerguelen: Golfe du Morbihan, 15 m; Port Jeanne-d'Arc; 14-17 m, Ile Australia, 24 m (BS&L 74).

Depth range: 14-24 m.

Type-locality: Iles Kerguelen: Golfe du Morbihan, 15 m; Port Jeanne-d'Arc, 14-17 m; Ile Australia, 24 m (BS&L 74).

Type specimen location: MCSN, Verona.

***Liljeborgia longicornis* (Schellenberg, 1931a)**

Schellenberg, 1931a: 137, fig. 73. . (*Liljeborgiella*

longicornis).

Barnard K.H., 1932: 143, fig. 82.

Barnard J.L., 1958e: 88.

Barnard J.L., 1962b: 86, table 1.

Lowry & Bullock, 1976: 81.

Bellan-Santini & Ledoyer, 1987: 402-403, fig. 19c.

Barnard & Karaman, 1991: 415.

Branch *et al.*, 1991: 15, 40, fig.

Gonzalez, 1991a: 58.

Jażdżewski *et al.*, 1992: 465.

De Broyer & Jażdżewski, 1993: 63.

De Broyer & Rauschert, 1999: 285, table 1.

Distribution: **W+G+S+M+**

Falkland Islands: *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets) (KHB 32).

Magellan area: Estrecho de Magallanes (EG 91a).

Prince Edward Islands: *Marion Dufresne 08*, sta. 22 BB 125, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand); sta. 32 DC 162, 46°59'S 37°46.8'E, 83-100 m (bottom/habitat: sand, gravel, boulders); sta. 33 DC 164, 46°52.2'S 37°51.5'E, 45 m; sta. 34 DC 167, 46°50.2'S 37°51.2'E, 115 m (bottom/habitat: compact mud) (BS&L 87); 45-355 m (MLB *et al.* 91).

Shag Rocks: *Discovery 1925-27*, sta. 160, 53°43'S 40°57'W, 177 m (bottom/habitat: grey mud, stones, rock; gear: large heavy dredge) (KHB 32).

Southern Ocean, Atlantic Sector: 49°35'S 64°43'W, 112 m (AS 31a).

South Georgia: *Discovery 1925-27*, sta. 26, Cumberland West Bay, 110 m (bottom/habitat: mud, rock; gear: large dredge); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk); sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (gear: large heavy dredge; bottom/habitat: rock); sta. 195, King George Island, Admiralty Bay, 62°07'S 58°28'W, 391 m (bottom/habitat: mud, stones; gear: nets) (KHB 32).

Depth range: 30-391 m.

Type-locality: Southern Ocean, Atlantic Sector: 49°35'S 64°43'W, 112 m (AS 31a).

Extralimital distribution: Argentina.

Extralimital depth range:

Type specimen location: NRS, Stockholm.

***Liljeborgia macrodon* Schellenberg, 1931a**

Schellenberg, 1931a: 133, fig. 71. (*Liljeborgia macrodon*).

Barnard J.L., 1958e: 88.

Barnard J.L., 1962b: 86, table 1.

Lowry & Bullock, 1976: 81.

Holman & Watling, 1983b: 234-236.

Barnard & Karaman, 1991: 416.

Gonzalez, 1991a: 58.

Non Ren & Huang, 1991: 238-240, fig. 32. (*Liljeborgia macrodon* = probably *Liljeborgia georgiana*).

De Broyer & Jazdzewski, 1993: 15, 63.

De Broyer & Rauschert, 1999: 285, table 1.

Chiesa *et al.*, 2005: 170. (*Liljeborgia* cf. *macrodon*).

Distribution:

M(+Ba)

Magellan area: Puerto Hope, 11-18 m (bottom/habitat: rocks, algae); Bahia Ushuaia, 22-27 m (bottom/habitat: red algae); Bahia Inutil, 36-54 m (bottom/habitat: shells) (AS 31a); *Hero 715*, sta. 894, 54°55.6'-54.8'S 64°20'-18'W, 263-285 m (H&W 83) southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Depth range: 11-285 m.

Type-locality: Magellan area Puerto Hope, 11-18 m (bottom/habitat: rocks, algae); Bahia Ushuaia, 22-27 m (bottom/habitat: red algae); Bahia Inutil, 36-54 m (bottom/habitat: shells) (AS 31a).

Type specimen location: NRS, Stockholm.

***Liljeborgia octodentata* Schellenberg, 1931a**

Schellenberg, 1931a: 129, fig. 68. (*Liljeborgia octodentata*).

Barnard J.L., 1958e: 88.

Barnard J.L., 1962b: 86, table 1.

Lowry & Bullock, 1976: 81.

Holman & Watling, 1983b: 236-239, figs. 17-18.

Barnard & Karaman, 1991: 416.

Gonzalez, 1991a: 58.

Rauschert, 1991:37

De Broyer & Jazdzewski, 1993: 63.

Chiesa *et al.*, 2005: 170.

Distribution:

W+M(+Ba)

Falkland Islands: Port Albemarle, 15 m (bottom/habitat: sand, algae); Berkeley Sound, 25-30 m (bottom/habitat: shells, stones); Port Stanley, 10 m (bottom/habitat: mud, shells); Sparrow Cove, 11-13 m (AS 31a).

Magellan area: Rio Seco, 18-36 m (bottom/habitat: shells); Punta Arenas, 14-27 m; Canal Smith, 14 m; Dungeness Point, 18 m; Isla Elizabeth, 11 m; Puerto Condor, 90 m (bottom/habitat: rocky bottom/habitat with ascidians and sponges); Bahia Inutil, 90 m (bottom/habitat: shells); Porvenir, 11-18 m (bottom/habitat: stones, algae); 'Marta Banco', 180 m (bottom/habitat: stones, gravel); Bahia Ushuaia, 18 m; Bridges Islands, 13 m; 55°10'S 66°15'W, 100 m (bottom/habitat: coarse gravel with shells) (AS 31a); *Eltanin 9*, sta. 740, 56°06'-06'S 66°19'-30'W, 384-494 m; *Eltanin 11*, sta. 52°32'S 63°53'W, 229 m; *Hero 715*, sta. 894, 54°55'-54.8'S 64°20'-18'W, 263-285 m (H&W 83); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 10-494 m.

Type-locality: Falkland Islands: Port Albemarle, 15 m (bottom/habitat: sand, algae); Berkeley Sound, 25-30 m (bottom/habitat: shells, stones); Port Stanley, 10 m (bottom/habitat: mud, shells); Sparrow Cove, 11-13 m; Magellan area: Rio Seco, 18-36 m (bottom/habitat: shells); Punta Arenas, 14-27 m; Canal Smith, 14 m; Dungeness Point, 18 m; Isla Elizabeth, 11 m; Puerto Condor, 90 m (bottom/habitat: rocky bottom/habitat with ascidians and sponges); Bahia Inutil, 90 m (bottom/habitat: shells); Porvenir, 11-18 m (bottom/habitat: stones, algae); 'Marta Banco', 180 m (bottom/habitat: stones, gravel); Bahia Ushuaia, 18 m; Bridges Islands, 13 m; 55°10'S 66°15'W, 100 m (bottom/habitat: coarse gravel with shells) (AS 31a).

Type specimen location: NRS, Stockholm.

***Liljeborgia proxima* Chevreux, 1907a**

Chevreux, 1907a: 413. (*Liljeborgia proxima*).

Chevreux, 1907c: 475, figs. 4, 5. (*Liljeborgia proxima*).

Barnard K.H., 1916: 167. (*Liljeborgia proxima*).

Schellenberg, 1938a: 31, fig. 15. (*Liljeborgia proxima*).

Barnard J.L., 1958e: 88.

Barnard J.L., 1962b: 86, table 1.

? Truchot, 1974: 20. (*Liljeborgia proxima*).

Lowry & Bullock, 1976: 82.

Barnard & Karaman, 1991: 416.

De Broyer & Jazdzewski, 1993: 63.

Distribution:

?S+

? Iles Kerguelen: no loc. (JPT 74).

Depth range: 20 m.

Type-locality: Gambier Archipelago: Mangareva Island, 20 m (EC 07a)

Extralimital distribution: Gambier Archipelago; Marshall Islands; South Africa.

Extralimital depth range:

Type specimen location:

Remarks: Kerguelen Islands record doubtful.

***Liljeborgia pseudomacronyx* Bellan-Santini & Ledoyer, 1987**

Bellan-Santini & Ledoyer, 1987: 403-405, fig. 20.

Barnard & Karaman, 1991: 416.

Branch *et al.*, 1991: 15, 40, fig.

De Broyer & Jazdzewski, 1993: 63.

Distribution:

S

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 DC 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: silty sand); sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 17 BB 97, 46°52.5'S 37°53.5'E, 110 m (bottom/habitat: silty sand); sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 22 BB 125, 46°52.4'S 37°51.9'E, 31 m (bottom/habitat: sand); sta. 31 DC 156, 46°59.05'S, 37°46.06'E, 185 m (bottom/habitat: black sand,

gravel); sta. 34 DC 167, 46°50.2'S 37°51.2'), 115 m (bottom/habitat: compact mud); sta. 34 BB 168, 46°50.2'S 37°51.2'E, 110 m (bottom/habitat: compact mud) (BS&L 87); 85-200 m (MLB 91).

Depth range: 31-200 m.

Type-locality: Prince Edward Islands: *Marion Dufresne 08*, sta. 12 DC 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: silty sand); sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 17 BB 97, 46°52.5'S 37°53.5'E, 110 m (bottom/habitat: silty sand); sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 22 BB 125, 46°52.4'S 37°51.9'E, 31 m (bottom/habitat: sand); sta. 31 DC 156, 46°59.05'S, 37°46.06'E, 185 m (bottom/habitat: black sand, gravel); sta. 34 DC 167, 46°50.2'S 37°51.2'), 115 m (bottom/habitat: compact mud); sta. 34 BB 168, 46°50.2'S 37°51.2'E, 110 m (bottom/habitat: compact mud) (BS&L 87); 85-200 m (MLB 91).

Type specimen location: MCSN, Verona.

Liljeborgia quadridentata Schellenberg, 1931a

Schellenberg, 1931a: 130, fig. 69. (*Liljeborgia quadridentata*).

Barnard J.L., 1958e: 88.

Barnard J.L., 1962b: 86, table 1.

Lowry & Bullock, 1976: 82.

Barnard & Karaman, 1991: 416.

De Broyer & Jażdżewski, 1993: 63.

De Broyer & Rauschert, 1999: 285, table 1.

Distribution: **G**

South Georgia: mouth of Cumberland Bay, 250-310 m (bottom/habitat: clay, stones); Cumberland Bay, 250 m (bottom/habitat: soft clay); mouth of Moraine Fjord, 64-74 m (bottom/habitat: clay, gravel); Moraine Fjord, 125 m (bottom/habitat: clay, stones); off Grytviken, 95 m (bottom/habitat: clay) (AS 31a).

Depth range: 64-310 m.

Type-locality: South Georgia: mouth of Cumberland Bay, 250-310 m (bottom/habitat: clay, stones); Cumberland Bay, 250 m (bottom/habitat: soft clay); mouth of Moraine Fjord, 64-74 m (bottom/habitat: clay, gravel); Moraine Fjord, 125 m (bottom/habitat: clay, stones); off Grytviken, 95 m (bottom/habitat: clay) (AS 31a).

Type specimen location: NRS, Stockholm.

Liljeborgia quinquedentata Schellenberg, 1931a

Schellenberg, 1931a: 132, fig. 70. (*Liljeborgia quinquedentata*).

Barnard J.L., 1958e: 88.

Barnard J.L., 1962b: 86, table 1.

Lowry & Bullock, 1976: 82.

Holman & Watling, 1983b: 239, figs. 19-21. (*Liljeborgia cf. quinquedentata*).

Wakabara *et al.*, 1988: 3-5, fig. 2a-e.

Wakabara *et al.*, 1991: 73-75.

Barnard & Karaman, 1991: 416.

De Broyer & Jażdżewski, 1993: 63.

Distribution: **W+M**

Falkland Islands: Port Louis, 2-8 m (bottom/habitat: mud, gravel, shells) (AS 31a).

South Shetland Islands: *Eltanin 6*, sta. 410, 61°18'-20'S 56°09'-10'W, 220-240 m (H&W 83b).

Depth range: 2-240 m.

Type-locality: Falkland Islands: Port Louis, 2-8 m (bottom/habitat: mud, gravel, shells) (AS 31a).

Extralimital distribution: Brazil: 19°02'S-33°47'W (YW *et al.* 91).

Extralimital depth range:

Type specimen location: NRS, Stockholm.

Superfamily LYSIANASSOIDEA Dana, 1849

ACIDOSTOMID Group

Shackletonia robusta K.H. Barnard, 1931a

Barnard K.H., 1931a: 425.

Barnard K.H., 1932: 29, fig. 3.

Thurston & Allen, 1969: 367.

Arnaud, 1974: 592 (eco).

Lowry & Bullock, 1976: 105.

De Broyer, 1983: 231-233, figs. 70-72.

Barnard & Karaman, 1991: 529.

Klages, 1991: 50.

De Broyer & Jażdżewski, 1993: 75.

Gutt *et al.*, 2000: 80-83.

Distribution: **E+W+G**

Enderby Land: *PABE III*, 6 stations, Alasheyev Bight, 5-10 m (CDB 83).

South Georgia: *Discovery 1925-27*, sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: large otter trawl, nets) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 09 AGT 11, Kapp Norvegia, 71°32.60'S 12°26.30'W, 570 m (gear: Agassiz trawl) (JG *et al.* 00).

Depth range: 230-570 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.

ADELIELLID Group

Adeliella laticornis Nicholls, 1938

Nicholls, 1938: 12, fig. 2.

De Broyer, 1975b: 74, figs. 1-3.

Lowry & Bullock, 1976: 83.
 Lowry, 1982: 320.
 De Broyer, 1983: 236-238, figs. 73-75.
 Barnard & Karaman, 1991: 457, 459, fig. 91e.
 De Broyer & Jazdzewski, 1993: 65.
 Gutt *et al.*, 2000: 80-83.

Distribution: **E**
Adélie Coast: *Aurora 1912-14*, sta. 4, Commonwealth Bay, 421 m (GEN 38).
Davis Sea: *Aurora 1912-14*, sta. 9, 439 m (GEN 38); 64°14'S 99°15'E, 460 m (CDB 75a).
Princess Ragnhild Coast: Breid Bay, Léopold Bay, 70°19'S 24°13'E, 240 m; 70°20'S 24°13'E, 245 m; 70°17'S 24°15'E, 300 m; Breid Bay, 'Glacier Bay', 70°18'S 25°58'E, 216 m (CDB 75a).
Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl) (JG *et al.* 00).
Depth range: 216-620 m.
Type-locality: Adélie Coast: *Aurora 1912-14*, sta. 9, Commonwealth Bay, 421 m (GEN 38).
Type specimen location: Types lost (Lowry, 1982).

***Adeliella olivieri* De Broyer, 1975b**

De Broyer, 1975b: 74, 80, figs. 5-7.
 Lowry & Bullock, 1976: 83.
 Andres, 1979b: 94, fig. 3.
 De Broyer, 1983: 239-242, figs. 76-78.
 Andres, 1983: 184.
 Barnard & Karaman, 1991: 459.
 De Broyer & Jazdzewski, 1993: 65.

Distribution: **E+W(+Ba)**
Princess Ragnhild Coast: Breid Bay, Léopold Bay, 70°17'S 24°14'E, 200 m (CDB 75a).
South Shetland Islands: Elephant Island, *Walther Herwig 1975-76*, sta. 168, 61°30'S 55°00'W, 400-600 m (bottom: 620-707 m; gear: RMT) (HGA 79b).
Depth range: 200-600 m.
Type-locality: Princess Ragnhild Coast: Breid Bay, Léopold Bay, 70°17'S 24°14'E, 200 m (CDB 75a).
Type specimen location: IRScNB, Brussels.

***Ambasiopsis georgiensis* K.H. Barnard, 1931a**

Barnard K.H., 1931a: 425.
 Barnard K.H., 1932: 44, fig. 9.
 Barnard J.L., 1958e: 89.
 Thurston & Allen, 1969: 354.
 Lowry & Bullock, 1976: 84.
 De Broyer, 1977b: 681-687, figs. 2-4.
 De Broyer, 1983: 250-252, figs. 80-83.
 Barnard & Karaman, 1991: 463.
 Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 65.

Distribution: **E+G**
South Georgia: *Discovery 1925-27*, sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).
Weddell Sea: eastern shelf (MK 91).
Depth range: 160 m.
Type-locality: South Georgia: *Discovery 1925-27*, sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).
Type specimen location: NHM, London.

***Ambasiopsis tumicornis* Nicholls, 1938**

Nicholls, 1938: 21, fig. 7.
 Barnard J.L., 1958e: 89.
 Dahl, 1959: 219. (*Neoambasia tumicornis*).
 Bellan-Santini, 1972a: 202, pl. 21. (*Neoambasia tumicornis*).
 Lowry & Bullock, 1976: 94. (*Neoambasia tumicornis*).
 De Broyer, 1977b: 691-692.
 De Broyer, 1983: 253-254, fig. 80.
 Barnard & Karaman, 1991: 463.
 Klages, 1991: 50.
 De Broyer & Jazdzewski, 1993: 65.
 Gutt *et al.*, 2000: 80-83.

Distribution: **E(+Ba)**
Adélie Coast: *Aurora 1912-14*, sta. 1, Commonwealth Bay, 640-732 m; sta. 7, Commonwealth Bay, 109 (GEN 38); Cape Jules, 5-20 m; Géologie Archipelago, 60-90 m; Cape Géodésie, 230-250 m (DBS 72a).
Davis Sea: *Aurora 1912-14*, sta.9, Commonwealth Bay, 439 m (GEN 38).
Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl) (JG *et al.* 00).
Depth range: 5-732 m.
Type-locality: Adélie Coast: *Aurora 1912-14*, sta. 1, Commonwealth Bay, 640-732 m; sta. 7, Commonwealth Bay, 109; Davis Sea: *Aurora 1912-14*, sta.9, Commonwealth Bay, 439 m (GEN 38).
Type specimen location: AM, Sydney.

***Ambasiopsis uncinata* K.H. Barnard, 1932**

Barnard K.H., 1932: 46, fig. 10.
 Barnard J.L., 1958e: 89.
 Thurston & Allen, 1969: 354.
 Lowry & Bullock, 1976: 84.
 De Broyer, 1977b: 687-691, figs. 5-8.
 De Broyer, 1983: 255-256, figs. 80, 84-87.
 Barnard & Karaman, 1991: 463.
 Klages, 1991: 50.
 De Broyer & Jazdzewski, 1993: 65.
 Gutt *et al.*, 2000: 80-83.

Distribution:**E+W**

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 254-468 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London

ALICELLID Group***Paralicella similis* Birstein & Vinogradov, 1960**

Birstein & Vinogradov, 1960: 180, fig. 6.

Birstein & Vinogradov, 1962b: 36, fig. 2.

Lowry & Bullock, 1976: 102.

Barnard & Shulenberger, 1976: 273-274.

Barnard & Karaman, 1991: 513.

De Broyer & Jazdzewski, 1993: 73.

Takeuchi *et al.*, 2001: 654.

Distribution:**E+(+Ab)(+P)+**

Southern Ocean, Pacific Sector: *SAE 1955-58, Ob*, sta. 48, 63°18'S 135°14'E, 0-3600 m (bottom: 4040 m; gear: plankton net) (B&V 62b).

Enderby Land: 67°43.0'S 39°09.9'E, 3186 m (gear: baited trap) (IT *et al.* 01).

Depth range: 0-3600 m.

Type-locality: Southern Ocean, Pacific Sector: *SAE 1955-58, Ob*, sta. 48, 63°18'S 135°14'E, 0-3600 m (bottom: 4040 m; gear: plankton net) (B&V 62b).

Extralimital distribution: South Pacific: New Zealand.

Extralimital depth range:

Type specimen location: IO, Moscow?

Family AMARYLLIDIDAE Lowry & Stoddart, 2002a**Subfamily Amaryllidinae Lowry & Stoddart, 2002b*****Erikus dahli* Lowry & Stoddart, 1987**

Lowry & Stoddart, 1987: 1304-1309, figs. 1-4.

Gonzalez, 1991a: 58.

? Vinogradov G.M., 2004: 50-51.

De Broyer & Jazdzewski, 1993: 67.

De Broyer & Rauschert, 1999: 285, table 1.

Chiesa *et al.*, 2005: 170.

Distribution:**M**

Magellan area: Chile, Punta Soledad, Canal Chacao, 41°48.50'S 73°31.30'W, 40 m; Punta Abtao, Golfo de Ancud, 41°49.24'S 73°22.30'W, 60 m; Passo Maillen, Seno Reloncavi, 41°33.45'S 73°02.05'W, 22 m; Paso Tenaun, Golfo de Ancud, 42°20.50'S 73°22'W, 70 m (L&S 87); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Depth range: 15-70 m.

Type-locality: Magellan area: Punta Soledad, canal Chacao, 41°48.50'S 73°31.30'W, 40 m; Punta Abtao, Golfo de Ancud 41°49.24'S 73°22.30'W, 60 m; Passo Maillen, Seno Reloncavi 41°33.45'S 73°02.05'W, 22 m; Paso Tenaun, Golfo de Ancud 42°20.50'S 73°22'W, 70 m (L&S 87).

Extralimital distribution: ? Western Indian Ocean: Saya de Malha Bank (GM 04)

Extralimital depth range: 220 m.

Type specimen location: NRS, Stockholm; AM, Sydney.

Remarks: According to Lowry & Stoddart (1987), several spp of *Erikus* could be found in southern South America.

?*Erikus* sp. or spp.

Stebbing, 1888: 706, pl. 29. (*Amaryllis macrophthalmus*, questioned by Barnard J.L., 1972a).

Schellenberg, 1931a: 10. (*Amaryllis macrophthalma*).

Barnard K.H., 1932: 34. (*Amaryllis macrophthalma*).

Barnard J.L., 1972a: 262, fig. 156-158. (*Amaryllis macrophthalma*, in part).

Lowry & Bullock, 1976: 83-84. (*Amaryllis macrophthalma*, in part).

Alonso, 1987a: 2, figs 1-15. (*Amaryllis macrophthalma*).

Barnard & Karaman, 1991: 460-461. (*Amaryllis macrophthalma*, in part).

De Broyer & Jazdzewski, 1993: 65. (*Amaryllis* sp. or spp.).

Lowry & Stoddart, 2002b: 132, 195.

Lowry & Stoddart, 2003: 43. (*Amaryllis macrophthalma*, in part).

Distribution:**M+**

Falkland Islands: Port Albemarle, 40 m (bottom/habitat: sand, algae); Port William, 17 m and 22 m (bottom/habitat: sand, pebble, algae); Port Stanley; 53°45'S 61°10'W, 140-150 m (bottom/habitat: gravel, stones, algae) (AS 31a); *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets), sta. WS 71, off Cape Pembroke, 82 m (bottom/habitat: sand; gear: commercial otter trawl), sta. WS 85, off Lively Island, 79 m (bottom/habitat: sand, shells; gear: commercial otter trawl) (KHB 32).

Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom/habitat: sand;

gear: trawl) (TRS 88); Bahia Simon; Canal Fitzroy, 13-14 m (bottom/habitat: big stones, gravel); Bahia Fortescue, 18-22 m (bottom/habitat: algae); Bahia Borja, 18 m (bottom/habitat: algae); Rio Seco, 18-36 m (bottom/habitat: shells); Punta Arenas, 23-36 m (bottom/habitat: shells); Cabo Valentina, 270 m (bottom/habitat: shells); Canal Smith; Isla Larga, 14 m; Puerto del Hambre; Bahia Harris, 27 m (bottom/habitat: shells); Puerto Condor, 90 m (bottom/habitat: rocks, ascidians, sponges); Bahia Inutil, 36-54 m; Porvenir, 11-18 m (bottom/habitat: rocks, algae); Bahia York, 7-11 m; Puerto Eugenia, 18-27 m (bottom/habitat: clay, algae); Caleta Lennox, 18-36 m (bottom/habitat: Florideae); Isla Nueva, Isla Navarino, 14-54 m (bottom/habitat: shells); Bahia Ushuaia, 11-22 m; 55°10'S 66°15'W, 100 m (bottom/habitat: shells) (AS 31a); *Discovery* 1925-27, sta. 222, Isla Hermite, Caleta San Martin, 30-35 m (gear: large fish trap, large rectangular net) (KHB 32); Santa Cruz, Ria Deseado, Punta Estacion (GMA 87a).

Depth range: 7-270 m.

Type-locality: Magellan area: *Challenger* 1873-76, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom/habitat: sand; gear: trawl) (TRS 88).

Remarks: Shallow water amaryllidids have been widely reported as *Amaryllis macrophthalmus* from South America and South Africa and misidentified. Lowry & Stoddart (2002b) revised the Amaryllididae of Australia and showed that the genus *Amaryllis* is confined to Australia and possibly the New Zealand region. The status of the South American specimens attributed to *A. macrophthalmus* remains to be clarified. They probably belong to *Erikus*.

Family ARISTIIDAE Lowry & Stoddart, 1997

Aristias antarcticus Walker, 1906a

Walker, 1906a: 454.

Walker, 1907: 11, pl. 3: fig. 5.

Schellenberg, 1926a: 255, fig. 10.

Barnard K.H., 1930: 324, 448.

Schellenberg, 1931a: 23.

Barnard K.H., 1932: 43, fig. 8a, b.

Nicholls, 1938: 19, fig. 6.

Barnard J.L., 1958e: 89.

Hurley, 1963: 43, (in key).

Thurston & Allen, 1969: 355.

Sanderson, 1973: 35.

Arnaud, 1974: 546, table 14. (eco).

Bellan-Santini & Ledoyer, 1974: 681, pl. 24.

Lowry & Bullock, 1976: 84-85.

Lowry, 1982: 320.

De Broyer, 1983: 257-259, fig. 88.

Voss, 1988: 54.

Barnard & Karaman, 1991: 466-467.

Gonzalez, 1991a: 58.

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 66.

De Broyer *et al.*, 1999: 166.

Gutt *et al.*, 2000: 80-83.

Distribution:

E+W+G+S+M(+Ba)

Adélie Coast: Commonwealth Bay, Main Base, 45 m; *Aurora* 1912-14, sta. 7, 109 m (GEN 38).

Davis Sea: *Aurora* 1912-14, sta. 9, 439 m (GEN 38), *SAE* 1955-58, sta. 164, 430-540 m (CDB 83).

Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel); 53°45'S 61°10'W, 140-197 m (bottom/habitat: gravel, stones, shells) (AS 31a).

Iles Kerguelen: Baie de l'Observatoire [Observatory Bay], 5-6 m (AS 26a); Golfe du Morbihan, Ile Australia, 24 m (BS&L 74).

Magellan area: Cabo Valentina, 270 m (bottom/habitat: shells); *Canal Beagle*, 54°53'S 67°56'W, 140 m (bottom/habitat: clay mixed with sand); *Canal Beagle*, 54°54'S 67°52'W, 125 m (bottom/habitat: gravel, small stones) (AS 31a).

Ross Sea: *Discovery* 1901-04, Mc Murdo Sound, Winter Quarters Bay, 36 m (AOW 07); *Terra Nova* 1910, sta. 220, Cape Adare, 82-92 m; *Nimrod* 1907-1909, McMurdo Sound, 13-457 m (KHB 30).

South Georgia: mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a); *Discovery* 1925-27, sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: tow-net of coarse silk, nets); sta. 149, mouth of Cumberland East Bay, 200-234 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. MS 71, Cumberland East Bay, 60-110 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32).

South Shetland Islands: *Discovery* 1925-27, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91; CDB *et al.* 99), *Polarstern* ANT XIII/3 (*EASIZ* 1), sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 29 BP 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00).

Depth range: 5-620 m.

Type-locality: Ross Sea: *Discovery* 1901-04, Mc Murdo Sound, Winter Quarters Bay, 36 m (AOW 07).

Type specimen location: NHM, London.

Aristias collinus K.H. Barnard, 1932

Barnard K.H., 1932: 44, fig. 8c, d.

Barnard J.L., 1958b: 90.

Hurley, 1963: 43, (in key).

Thurston & Allen, 1969: 355.

Lowry & Bullock, 1976: 85.

De Broyer, 1983: 259.

Voss, 1988: 54.

Barnard & Karaman, 1991: 465, 467.

De Broyer & Jazdzewski, 1993: 66.

Distribution:**E+W**

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Weddell Sea: eastern and southern shelf, no loc. (JV 88).

Depth range: 200-342 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.

Family CYPHOCARIDIDAE Lowry & Stoddart, 1997***Cyphocaris anonyx* Boeck, 1871b**

[Southern Ocean records in bold].

Boeck, 1871b: 24.

Boeck, 1876: 141, pl. 6: fig. 1.

Hansen, 1888: 67.

Stebbing, 1888: 656, pl. 16. (*Cyphocaris micronyx*).

Chevreaux, 1900a: 165, pl. 14: fig. 11. (*Cyphocaris micronyx*).

Walker, 1903b: 232, pl. 18: fig. 14.

Stebbing, 1904b: 14, 47.

Chevreaux, 1905b: 7.

Stebbing, 1906: 29.

Tattersall, 1906: 28.

Strauss, 1909: 9, 69, pl. 6: figs. 39-42.

Non Chilton, 1912: 464, pl. 1: figs. 1-4. (*Cyphocaris anonyx* = *Cyphocaris richardi*).

Stephensen, 1912b: 87.

Stephensen, 1913b: 111.

Stephensen, 1915: 37.

Chevreaux, 1916b: 2.

Stephensen, 1923b: 50.

Schellenberg, 1926a: 244.

Schellenberg, 1926c: 210, figs. 2b, 5a, 8, pl. 5: fig. 2.

Schellenberg, 1927: 662, fig. 57.

Pirlot, 1929b: 5.

Schellenberg, 1929b: 195.

Barnard K.H., 1932: 36.

Pirlot, 1933a: 127.

Stephensen, 1933b: 4, 6, 8.

Stephensen, 1935a: 42, fig. 3.

Barnard K.H., 1937: 142.

Barnard K.H., 1940: 440, 514.

Shoemaker, 1945a: 187, fig. 1a, b.

Gurjanova, 1951: 176, 177, fig. 51b, (in key).

Barnard J.L., 1954b: 53.

Birstein & Vinogradov, 1955: 212, 280, 284, fig. 1, table 3.

Schellenberg, 1955: 185, 191.

Barnard J.L., 1958e: 91.

Birstein & Vinogradov, 1958: 220, 249, 252, fig. 17.

Birstein & Vinogradov, 1960: 168, 227, 230.

Birstein & Vinogradov, 1962b: 34.

Gurjanova, 1962: 65, 69, fig. 9, (in key).

Kane, 1962: 298, 312, table 2.

Hurley, 1963: 24, 25, (in key).

Birstein & Vinogradov, 1964: 154-155.

Barnard J.L., 1967a: 55.

Sanderson, 1973: 35.

Sanger, 1974: 3, tables 2, 3.

Griffiths, 1975: 144.

Mauchline & Ballantyne, 1975: 346, 354, figs. 1, 5.

Lowry & Bullock, 1976: 87.

Thurston, 1976b: 367-370, figs. 2-4.

Barnard & Karaman, 1991: 480.

Gonzalez, 1991a: 58.

De Broyer & Jazdzewski, 1993: 67.

Vinogradov G.M., 1999: 1162, fig. 4.10.

Vinogradov G.M., 2004: 51.

Distribution:**Sa++(P)**

Southern Ocean, Pacific Sector: *SAE 1955-58, Ob*, sta. 415, 55°18'S 109°20'W, 0-1200 m (bottom: 3893 m; gear: plankton net); sta. 417, 51°22'S 109°28'W, 0-1200 m (bottom: 3585 m; gear: plankton net); sta. 419, 47°36'S 109°20'W, 0-1100 m (bottom: 3324 m; gear: plankton net) (B&V 62b); 53°26'S 170°15'E, 0-400 m (JEK 62).

Depth range: 0-1200 m. (mesopelagic).

Type-locality: Greenland (AB 70).

Extralimital distribution: panoceanic.

Extralimital depth range: mesopelagic.

Type specimen location: NM, Göteborg?

***Cyphocaris faurei* K.H. Barnard, 1916**

[Southern Ocean records in bold].

Barnard K.H., 1916: 117, pl. 26: fig. 4.

Schellenberg, 1926c: 215, figs. 2e, 11, 12, pl. 5: fig. 4.

Schellenberg, 1929b: 195.

Barnard K.H., 1932: 36.

Pirlot, 1933a: 128.

Barnard K.H., 1937: 141.

Barnard K.H., 1940: 514.

Gurjanova, 1951: 177, (in key).

Barnard J.L., 1958e: 91.

Birstein & Vinogradov, 1960: 169, 227, 230, fig. 31.

Barnard J.L., 1961a: 31.

Birstein & Vinogradov, 1962b: 34.

Gurjanova, 1962: 64, 66, fig. 6, (in key).

Hurley, 1963: 24, 25, (in key).

Birstein & Vinogradov, 1964: 153-154.

Sanderson, 1973: 35.

Griffiths, 1974c: 309.

Lowry & Bullock, 1976: 88.

Ledoyer, 1978a: pp. [fide B&K 91].

Andres, 1983: 185.**Hopkins, 1985b: 197-212. (eco).**

Ledoyer, 1986: 738-740, fig. 284. [fide B&K 91].

Lancraft *et al.*, 1989: 225-233. (eco).

Barnard & Karaman, 1991: 480.

Klages, 1991: 50.

Jazdzewski et al., 1992: 465.

De Broyer & Jazdzewski, 1993: 67.

Torres et al., 1994a: 207-219. (eco).

Torres et al., 1994b: 221-232. (eco).

Costanzo & Crescenti, 1997: 15-18, fig. 3.1.1-3.

Vinogradov G.M., 1999: 1163, fig. 4.12.

Lowry & Stoddart, 2003: 93.

Vinogradov G.M., 2004: 53-54.

Distribution:

An+Sa++(P)

Antarctic Peninsula [Palmer East Quadrant]: *Walther Herwig 1977-78*, sta. 330, 64°00'S 53°12'W, 900-1100 m (bottom: 1300 m; gear: RMT) (HGA 83).

Magellan area: Estrecho de Magallanes, Pacific and Central areas (maximum densities from 100-200 m) to Atlantic, off Paso Largo, Cabo Froward and off Paso Ancho (Co&C 97).

Palmer Archipelago: *Hero*, Croker Passage, 64°05'S 62°50'W, 0-1000 m (gear: Tucker midwater trawl) (TLH 85b).

Scotia Sea: area between 57°S 37°W and 61°S 40°30'W, 40-1000 m (gear: Tucker midwater trawl) (TML *et al.* 89); 40-1000 m (gear: Tucker midwater trawl, opening-closing plummet net) (JJT *et al.* 94a, b).

Southern Ocean, Indian Sector: *SAE 1955-58, Ob*, sta. 104, 54°42'S 109°12'E, 0-550 m (bottom: 3750 m; gear: plankton net); sta. 417, 51°22'S 109°28'W, 0-1200 m (bottom: 3585 m; gear: plankton net); sta. 419, 47°36'S 109°20'W, 0-1100 m (bottom: 3324 m; gear: plankton net) (B&V 62b);

Southern Ocean, Atlantic Sector: *Discovery 1925-27*, sta. 107, 45°03'S 17°03'E, 850-950 m (gear: tow-net) (KHB 32).

Weddell Sea: area between 64°60'S 42°W and 66°30'S 48°W, 40-1000 m (gear: Tucker midwater trawl) (TML *et al.* 89; JJT *et al.* 94a); eastern shelf (MK 91).

Depth range: 0-1200 m (mesopelagic).

Type-locality: South Africa: Cape Point, N 70°E distant 40 miles, 1463 m depth; off East London, NW ½ N, distant 18 miles, 460-550 m depth (KHB 16).

Extralimital distribution: Panoceanic (eastern South Atlantic Ocean, Indian Ocean, Pacific Ocean).

Extralimital depth range: 500-1000 m (0-2500 m) (mesopelagic).

Type specimen location: SAM, Capetown.

***Cyphocaris richardi* Chevreux, 1905e**

[Southern Ocean records in bold].

Chevreux, 1905e: 1, figs. 1, 2.

Chevreux, 1905b: 7.

Stebbing, 1906: 717.

Strauss, 1909: 65, pl. 6: fig. 37.

Stebbing, 1910b: 449.

Chilton, 1912a: 464, pl. 1: figs. 1-4. (*Cyphocaris anonyx*).

Stephensen, 1915: 37, figs. 21, 22.

Barnard K.H., 1916: 116.

Chevreux, 1916b: 1.

Schellenberg, 1926c: 206-209, figs. 2a, 3a-c, 4a-d, pl. 5: fig. 1.

Schellenberg, 1929b: 195.

Schellenberg, 1931a: 15.

Barnard K.H., 1932: 35.

Stephensen, 1933b: 4, 68.

Chevreux, 1935: 22-25, pl. X: figs. 1, 5.

Barnard K.H., 1940: 514.

Shoemaker, 1945a: 187, fig. 1d.

Gurjanova, 1951: 177, (in key).

Barnard J.L., 1954b: 53, pl. 2, 3.

Birstein & Vinogradov, 1955: 212, 278, 284, figs. 2, 3, 33, table 3.

Birstein & Vinogradov, 1958: 221.

Belloc, 1960: 4.

Birstein & Vinogradov, 1960: 167, 227, 234.

Barnard J.L., 1961a: 32.

Barnard J.L., 1962b: 24, tables 7A, 10.

Birstein & Vinogradov, 1962b: 33-34.

Gurjanova, 1962: 65, 69, fig. 10, (in key).

Hurley, 1963: 24, 25, (in key).

Birstein & Vinogradov, 1964: 153-154.

Emison, 1968: 203, fig. 10, tables 10-12.

Griffiths, 1975: 144.

Lowry & Bullock, 1976: 88.

Opaliński & Jazdzewski, 1978: 643-655.

Jazdzewski, 1981: 135. (eco).

Opaliński, 1982: 367-373.

Andres, 1983: 186.

Hopkins, 1985a: 166-167.

Hopkins, 1985b: 197-212.

Piatkowski, 1989a: 1-10. (eco).

Lancraft et al., 1989: 225-233. (eco).

Andres, 1990: 135, fig. 268.

Siegel & Piatkowski, 1990: 373-386.

Barnard & Karaman, 1991: 480.

Coleman, 1991b: 4-8, figs. 4-8.

Klages, 1991: 50.

Jazdzewski et al., 1992: 465. (eco).

De Broyer & Jazdzewski, 1993: 67.

Vinogradov & Vinogradov, 1993: 129-130.

Torres et al., 1994a: 207-219. (eco).

Jazdzewski et al., 1996: 371.

Vinogradov G.M., 1999: 1163, figs. 4.13.

Vinogradov G.M., 2004: 53.

Distribution:

An+Sa++(P)

Bouvet Island: *Discovery 1925-27*, sta. 114, 52°25'S 9°50'E, 1310-1410 m (gear: tow-net) (KHB 32).

Bransfield Strait: *Discovery 1925-27*, sta. 197, 62°27'S 58°11'W, 500-750 m (gear: tow-net); sta. 198, Bransfield Strait, 76 m (gear: tow-net) (KHB 32); 62°07'S 56°12'W, 580 m (gear: krill trawl) (O&J 78); *Walther Herwig 1977-78*, sta. 78, 62°45'S 59°29'W, 10-600 m (bottom: 1400 m; gear: RMT); sta. 196, 63°05'S 60°03'W, 0-830 m (bottom: 850 m; gear: RMT); sta. 198, 62°40'S 58°43'W, 0-730 m (bottom: 1500 m; gear: RMT); sta. 202, 62°35'S 58°05'W, 0-1000 m ((bottom: 1700 m; gear: RMT) (HGA 83); 63°05.8'S 61°54.3'W, 1164-

1310 m (gear: RMT) (COC 91b).

Drake Passage: *SAE 1955-58, Ob*, sta. 455, 59°28'S 67°41'W, 0-1100 m (bottom: 3065 m; gear: plankton net); sta. 464, 58°11'S 61°00'W, 0-1000 m (bottom: 3527 m; gear: midwater trawl) (B&V 62b); *Walther Herwig 1977-78*, sta. 174, 64°02'S 66°26'W, 0-950 m (bottom: 1000 m; gear: RMT); sta. 185, 66°26'S 71°31'W, 0-140 m (bottom: 1140 m; gear: RMT); sta. 245, 61°08'S 57°21'W, depth ? (bottom: 3200 m; gear: RMT) (HGA 83).

Palmer Archipelago: *Hero*, Croker Passage, 64°05'S 62°50'W, 0-1000 m (gear: Tucker midwater trawl) (TLH 85a).

Ross Sea: Cape Crozier (WBE 68); 0 m (gear: Tucker midwater trawl) (JJT *et al.* 94).

Scotia Sea: *Walther Herwig 1977-78*, sta. 311, 58°20'S 39°59'W, 0-620 m (bottom: 3400 m; gear: RMT) (HGA 83); area between 57°S 37°W and 61°S 40°30'W, 340-920 m (gear: Tucker midwater trawl) (TML *et al.* 89); 100-340 m (gear: Tucker midwater trawl, opening-closing plummet net) (JJT *et al.* 94a).

South Georgia: 52°39'S 37°35'W, 0-2000 m (AS 31a); *Walther Herwig 1975-76*, sta. 47, 53°58'S 37°49'W, 0-81 m (bottom: 125 m; gear: RMT) (HGA 83)

Southern Ocean, Atlantic Sector: *Scotia 1902-04*, sta. 414, 71°50'S 23°30'W, 0-1000 m (gear: 8 ft vertical net) (CC 12a); *Discovery 1925-27*, sta. 107, 45°03'S 17°03'E, 850-950 m (gear: tow-net); sta. 239, 46°56'S 46°03'W, 1050-1350 m (gear: tow-net) (KHB 32).

Southern Ocean, Indian Sector: *SAE 1955-58, Ob*, sta. 104, 54°42'S 109°12'E, 0-550 m (bottom: 3750 m; gear: plankton net); sta. 227, 67°29'S 30°59'E, 0-4500 m (bottom: 3553 m; gear: anchovy net) (B&V 62b); 55°27'S 28°59'E, 0-1000 m (bottom: 5532 m) (AS 26c).

Southern Ocean, Pacific Sector: *SAE 1955-58, Ob*, sta. 48, 63°18'S 135°14'E, 0-3600 m (bottom: 4040 m; gear: plankton net); sta. 411, 61°42'S 109°16'W, 0-1100 m (bottom: 5025 m; gear: plankton net); (B&V 62b).

South Orkney Islands: Orkney Deep [Orkney Trench], *Dimitri Mendeleev*, sta. 4088, 60°50'S 41°11'W, 4430 m (bottom: 6100 m), habitat: bycatch in the water column; gear: Sigsby trawl 2.5 m); sta. 4090, 60°52'S 40°58'W, 5540-6145 m (bottom/habitat: bycatch in the water column; gear: Sigsby trawl 2.5 m) (V&V 93).

South Shetland Islands: *Walther Herwig 1977-78*, sta. 191, 63°25'S 64°36'W, 0-835 m (bottom: 950 m; gear: RMT); sta. 414, 62°23'S 59°00'W, 0-90 m (bottom: 95 m; gear: RMT) (HGA 83); *Polarstern ANT V/I*, sta.? (gear: RMT) (S&P 90); King George Island, Admiralty Bay, Arctowski Station (in penguin stomach) (KJ 81).

Weddell Sea: Area between 64°60'S 42°W and 66°30'S 48°W, 340-920 m (gear: Tucker midwater trawl) (TML *et al.* 89); 100-340 m (gear: Tucker midwater trawl) (JJT *et al.* 94); *Polarstern ANT I*, along the shelf-ice edge from Atka Bay to Gould Bay and along the marginal pack ice zone ranging from Kapp Norvegia to the northwestern part of the Weddell Sea, 0-300 m (gear: RMT) (UP 89); eastern shelf (MK 91).

Depth range: 0-6145 m (meso-, bathy-, and abyssopelagic).

Type-locality: Azores: 36°17'N 28°53'W, 3000 m (EC 05e).

Extralimital distribution: Panoceanic.

Extralimital depth range: 300-5600 m (7800m?), meso-, bathy-, and abyssopelagic (GV 99).

Type specimen location: MOM, Monaco.

Family EURYTHENEIDAE Stoddart & Lowry, 2004

Eurythenes gryllus (Lichtenstein, 1822)

Lichtenstein, 1822: 34. (*Gammarus gryllus*).

Milne Edwards, 1848: 398. (*Lysianassa magellanica*).

Lucas, 1857: 13, pl. 1, fig. 3. (*Lysianassa magellanica*).

Bate, 1862: 66, pl. 10: fig. 5. (*Lysianassa magellanica*).

Bate, 1866: 330. (*Lysianassa magellanica*).

Lilljeborg, 1865a: 3. (*Lysianassa magellanica*).

Lilljeborg, 1865b: 2. (*Lysianassa magellanica*).

Lilljeborg, 1865b: 11, pls 1-3: figs. 1-22. (*Eurytenes magellanicus*).

Bethune, 1869: 431. (*Lysianassa magellanica*).

Goes, 1866: 517, pl. 36: fig. 1. (*Lysianassa gryllus*).

Bate, 1867: 229. (*Lysianassa gryllus*).

Sars G.O., 1869: 260. (*Lysianassa magellanica*).

Boeck, 1871a: 105. (*Eurytene gryllus*).

Boeck, 1871b: 25. (*Eurytene gryllus*).

Boeck, 1872: 144. (*Eurytene gryllus*).

Stuxberg, 1880: 62. (*Eurytene gryllus*).

Smith, 1884a: 54.

Smith, 1884b: 181. (*Eurythenes gryllus*).

Non Murdoch, 1885. (*Eurythenes gryllus* = *Anonyx nugax*).

Boeck, 1876: 144. (*Eurytenes gryllus*).

Hansen, 1888: 67.

Stebbing, 1888: 116. (*Gammarus gryllus*).

Chevreaux, 1889a: 298.

Sars G.O., 1891: 86. (*Euryporeia gryllus*).

Sars G.O., 1891: pl. 30. (*Eurytenes magellanicus*).

Della Valle, 1893: 848, pl. 60: fig. 58. (*Euryporeia gryllus*).

Stebbing, 1893: 80.

Chevreaux, 1895a: 426. (*Euryporeia gryllus*).

Chevreaux, 1899a: 147, 148. (*Euryporeia gryllus*).

Chevreaux, 1899b: 152. (*Euryporeia gryllus*).

Chevreaux, 1900a: 24, pl. 14: fig. 4. (*Euryporeia gryllus*).

Chevreaux, 1903, 96. (*Euryporeia gryllus*).

Stebbing, 1906: 73.

Brüggen, 1907: 215. (*Euryporeia gryllus*).

Chilton, 1911c: 563.

Stephensen, 1912b: 528. (*Eurytenes gryllus*).

Barnard K.H., 1916: 144.

Grieg, 1925: 21. (*Euryporeia gryllus*).

Stephensen, 1925: 10. (eco).

Schellenberg, 1927: 679, fig. 70.

Stephensen, 1932: 356. (in part, part = *E. obesus*).

Barnard K.H., 1932: 59. (*Eurythenes magellanicus*).

Stephensen, 1933b: 12, 69, figs. 4, 5. (in part, part figs. 6, 7 = *Eurythenes obesus*).

Stephensen, 1935a: 91. (in part, part = *Eurythenes obesus*).

Chevreaux, 1935: 50, pl. 1, figs. 6, 7.

Barnard K.H., 1937: 144.

- Non Barnard K.H., 1940: 440, 515. (list). (*Eurythenes gryllus* = *E. obesus*).
- Stephensen, 1942: 474. (in part, part = *E. obesus*).
- Shoemaker, 1945a: 186. (in part, part = *E. obesus*).
- Gorbunov, 1946: 43.
- Stephensen, 1949: 3.
- Gurjanova, 1951: 265, fig. 134.
- Dahl, 1954: 3.
- Birstein & Vinogradov, 1955: 225, 277, 279, 280, 284, table 3.
- Schellenberg, 1955: 192.
- Shoemaker, 1956b: 177.
- Non Springer & Bullis, 1956: 6. (*Eurythenes gryllus* = *Eurythenes obesus*).
- Hurley, 1957a: 2.
- Birstein & Vinogradov, 1958: 228, 250, 253.
- Barnard J.L., 1958: 92. (*Eurytenes magellanicus*).
- Oldevig, 1959: 19.
- Birstein & Vinogradov, 1960: 183, 227, 234.
- Non Barnard J.L., 1961a: 35, figs. 5-7. (= n. sp. fide Thurston & Bett, 1995).
- Birstein & Vinogradov, 1962b: 36.**
- Gurjanova, 1962: 340, (in key).
- Gurjanova, 1964: 277.
- Templeman, 1967: 215, figs. 1-3. (eco).
- Beck, 1969: 34, 35. (*Eurytenes magellanicus*).
- Birstein & Vinogradov, 1970: 420.
- Bowman & Manning, 1972: 193, figs. 2-5.**
- Conroy, 1972: 56. (eco). (*Eurytenes magellanicus*).
- Hessler, Isaacs & Mills, 1972a: 636, 637. (eco).
- Paul, 1973: 289.
- Rannou & Nougulier, 1974: 142. (eco).
- Arnaud, 1974: 592. (eco). (*Eurythenes magellanicus*).
- Shulenberg & Hessler, 1974: 185.
- Dahl *et al.* 1976: 90.
- Lowry & Bullock, 1976: 89.**
- Shulenberg & Barnard, 1976: 241-242.
- Griffiths, 1977a: 97.
- Intes, 1978: 4, fig.4.
- Opaliński & Jazdzewski, 1978: 645-652, table 1-2.**
- Andres, 1979b: 96.**
- Dahl, 1979: 168, fig. 6.
- George, 1979a: 283.
- George, 1979b: 63.
- Hessler *et al.*, 1979: 704.
- Kamenskaya, 1979b: 243-244.
- Ortiz, 1979: 19.
- Smith *et al.*: 1979: 57.
- Thurston, 1979: 56.
- Gilchrist & MacDonald, 1980: 35. (*Eurythenes gryllus*).
- Hallberg *et al.*, 1980: 280.
- Just, 1980: 164, table 2, 167, 171.
- Prince, 1980: 63, table 4.
- Hessler, 1981: 397.
- Kamenskaya, 1981: 95, figs. 1, 2.
- Opaliński, 1982: 367-373.**
- Umezu, 1982: 2.
- Andres, 1983: 186.**
- Ingram & Hessler, 1983: 683. (eco, bio).
- Lampitt *et al.*, 1983: 73.
- Petter, 1983: 177, fig.1.
- Smith & Present, 1983: 183. (eco).
- Wickins, 1983: 183. (eco).
- Smith & Baldwin, 1984: 1179. (eco).
- Umezu, 1984: 128.
- Desbruyères *et al.*, 1985: 233.
- Hargrave, 1985: 443. (eco).
- Hopkins, 1985b: 202, 206, 210.**
- Laver *et al.*, 1985: 1136. (eco).
- Rauschert, 1985: 319-323, fig. 1, pls. 1-2.**
- Wilson *et al.*, 1985: 1248. (eco).
- Ainley *et al.*, 1986: 847-849. (eco).**
- Hasegawa *et al.*, 1986: 70. (eco).
- Reinhardt & Van Vleet, 1986: 151, 157. (eco).
- Andres, 1987: 96.
- Baldwin & Smith, 1987: 485. (bio, eco).
- Bucklin *et al.*, 1987: 1795. (eco).
- Charmasson & Calmet, 1987: 1509. (eco).
- Ingram & Hessler, 1987: 1889. (bio).
- Sainte-Marie & Hargrave, 1987: 436. (eco).
- Charmasson & Calmet, 1989: 159. (eco).
- Costello *et al.*, 1989: 32.
- Charmasson & Calmet, 1990: 227. (eco).
- Christiansen *et al.*, 1990: 35. (eco).
- Poupin *et al.*, 1990: 94, pl. 2, fig. g. (*Eurythenes gryllus*).
- Rauschert, 1990: 454.**
- Thurston, 1990: 262.
- Vinogradov, 1990: 42, 92.
- Wakabara *et al.*, 1990: 2, 4, 6.**
- Barnard & Karaman, 1991: 486.
- Boudrias, 1991: 13, figs. 1, 2. (eco).
- Gage & Tyler, 1991: 78. (eco).
- Gonzalez, 1991a: 59.**
- Klages, 1991: 50.**
- Palerud & Vader, 1991: 35.
- Rauschert, 1991: 37, 39.**
- Sainte-Marie, 1991: 217.
- Sainte-Marie, 1992: 105.
- Smith, 1992: 1040.
- Smith *et al.*, 1992: 669, 671, table 3.
- Steele & Steele, 1991: 1250, figs. 3, 4.
- Hargrave *et al.*, 1992a: 37. (eco).
- Hargrave *et al.*, 1992b: 41. (eco).
- Britton & Morton, 1993: 369. (eco).
- Christiansen & Thiel, 1993: 12. (eco).
- De Broyer & Jazdzewski, 1993: 67.**
- Heinrich *et al.*, 1993: 209. (eco).
- Non Lowry & Stoddart, 1993: 72. (*Eurythenes gryllus* = *Eurythenes thurstoni*).
- Britton & Morton, 1994: 391. (eco).
- Hargrave *et al.*, 1994: 1489. (eco).
- Ishimaru, 1994: 58.
- Kaufmann, 1994: 54. (eco).
- Lowry & Stoddart, 1994: 158. (*Eurythenes cf. gryllus*) (in part, part = *Eurythenes thurstoni*).
- Poupin, 1994: 16. (*Eurythenes gryllus*).
- Thurston, 1994: 14, fig.

Hargrave *et al.*, 1995: 1905. (eco).
 Thurston & Bett, 1995: 201. (bio).
 Christiansen, 1996: 345.
 France & Kocher, 1996a: 633. (in part , part = *Eurythenes thurstoni*).
 France & Kocher, 1996a: 304.
 Poupin, 1996: 42, fig. h. (*Eurythenes gryllus*).
 Wakabara *et al.*, 1996: 355, 360, tables 1, 2.
 Vinogradov G.M., 1997: 77.
 Jones *et al.*, 1998: 1124.
 Matsumasa *et al.*, 1998: 686.
Takeuchi & Watanabe, 1998: 285. (eco, phy).
 Creasey & Rogers, 1999: 28, 32, 42, 43, 50, 78, 81, 87, 96, fig.11.
 Vinogradov G.M., 1999: 1163, fig. 4.15.
 Witte, 1999: 142.
De Broyer *et al.*, 1999: 166.
 Christiansen & Martin, 2000: 3027.
 Janssen *et al.*, 2000: 3011, table 5. (eco).
 Thurston, 2000: 684, 688, 690, table 2.
Bluhm *et al.*, 2001: 642.
 Bühring & Christiansen, 2001: 369.
 Christiansen *et al.*, 2001: 2409.
Dauby *et al.*, 2001a: 69-86. (eco).
 Johnson *et al.*, 2001: 198, table 3.
 Klages *et al.*, 2001: 293.
Takeuchi *et al.*, 2001: 653-654.
 Boudrias , 2002: 581.
Cherel *et al.*, 2002a: 272, table 6. (eco).
Cherel *et al.*, 2002b: 288, 292, tables 3-4. (eco).
 Treude *et al.*, 2002: 1281-1288.
 Thurston *et al.*, 2002: 205.
 Perrone *et al.*, 2003: 441-449. (eco).
 Premke *et al.*, 2003: 283.
De Broyer *et al.*, 2004: 1740, 1742, table 3-4. (eco).
 Lowry & Stoddart, 2003: 165.
Stoddart & Lowry, 2004: 429-445, figs. 1-11. (syn).
 Vinogradov G.M., 2004: 57-59, fig. 4.

Distribution: E+W+M++(Ba+Ab)(+P)

Bransfield Strait: 62°07'S 56°12'W, 580 m (gear: krill trawl) (O&J 78).

Magellan area: near Cabo de Hornos, in the stomach of a fish (HME 48); Estrecho de Magallanes (EG 91a).

Palmer Archipelago: *Hero*, Croker Passage, 64°05'S 62°50'W, 0-1000 m (gear: Tucker midwater trawl) (TLH 85b).

South Shetland Islands: Elephant Island (YW 90); King George Island, 62°11'-14'S 58°52'-58'W (MR 85, 91); *Polarstern XV/3*, sta. 291/312, King George Island, 62°16.6'S 58°15.8'W, 798 m (gear: baited trap); *Polarstern XIX/3*, sta. 100, King George Island, 61°25'S 58°54'W, 2280 m (gear: baited trap); sta. 114, King George Island, 61°46'S 60°45'W, 2754 m (gear: baited trap); sta. 46, Elephant Island, 60°39'S 53°59'W, 2926 m (gear: baited trap) (CDB *et al.* 04).

Southern Ocean, Indian Sector: Olav quadrant: 67°43.0 S 39°09.9E, 3168 m (gear: baited trap) (IT *et al.* 01).

Southern Ocean, Pacific Sector: 61°31'S 108°00'W to

61°22'S 108°24'W, 5024-5045 m (gear: bottom trawl); 63°53'S 108°39'W to 63°52'S 109°02'W, 4930-4963 m (gear: bottom trawl) (B&M 72).

Weddell Sea: eastern shelf (MK 91; CDB *et al.* 99); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 12, Vestkapp, 73°15.7'S 21°04.8'W, 791 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 280/284, Atka Bay, 70°27.4'S 07°55.9'W, 550 m (gear: baited trap); sta. 255/268, Drescher Inlet, 72°48.4'S 19°39.6'W, 1453 m (gear: baited trap); sta. 279/283, Atka Bay, 70°24.1'S 07°52.2'W, 1136 m (gear: baited trap); sta. 238/155, Halley Bay, 74°39.8'S 27°13.1'W, 798m (gear: baited trap); *Polarstern ANT XIX/4 (ANDEEP II)*, sta. 131, 65°19'S 51°35'W, 3070 m (gear: baited trap); sta. 139, 58°18'S 24°29'W, 3739 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 550-5045 m (bathyal and abyssal benthopelagic).

Type-locality: Greenland (HL 22).

Extralimital distribution: Deep-sea panoceanic.

Extralimital depth range: Bathyal and abyssal benthopelagic.

Type specimen location: MNHN, Paris (*Eurythenes magellanicus*).

Remarks: Synonymy from Stoddart & Lowry (2004), where complete bibliographical references can be found.

Eurythenes obesus (Chevreux, 1905a)

Chevreux, 1905a: 1, figs. 1-3. (*Katius obesus*).

Stebbing, 1906: 721. (*Katius obesus*).

Tattersall, 1906: 29. (*Katius obesus*).

? **Chilton, 1912a: 465-466, pl. 1: figs. 6-7. (*Alicella scotiae*).**

Stephensen, 1912a: 614. (*Katius obesus*).

Stephensen, 1912b: 89. (*Katius obesus*).

Stephensen, 1913b: 123. (*Katius obesus*).

Stephensen, 1915: 37. (*Katius obesus*).

Shoemaker, 1920a: 8E. (*Katius obesus*).

Stephensen, 1925a: 126. (*Katius obesus*).

Schellenberg, 1926c: 217. fig. 26D. (*Katius obesus*).

Schellenberg, 1927: 681, fig. 72. (*Katius obesus*).

Schellenberg, 1931a: 16. (*Katius obesus*).

Barnard K.H., 1932: 56, fig. 21, pl. 1: fig. 1. (*Katius obesus*).

Stephensen, 1932: 356. (*Eurythenes gryllus*, in part).

Stephensen, 1933b: 12, 69, figs. 6, 7. (*Eurythenes gryllus*, in part).

Chevreux, 1935: 63, pl. 10, figs. 4, 6, pl. 11: fig. 10. (*Katius obesus*).

Stephensen, 1935a: 91. (*Eurythenes gryllus*, in part).

Barnard K.H., 1940: 440, 515. (*Eurythenes gryllus*).

Schellenberg, 1955: 183, 192.

Shoemaker, 1956b: 177. (*Katius obesus*).

Barnard J.L., 1958e: 92.

Belloc, 1960: 7. (*Katius obesus*).

Birstein & Vinogradov, 1960: 184, 227, 234.

Barnard J.L., 1961a: 38, fig. 8.

Birstein & Vinogradov, 1962b: 36. (*Eurythene obesus*).

Hurley, 1963: 59.

Birstein & Vinogradov, 1964: 163.

Brusca, 1967: 384.

Birstein & Vinogradov, 1970: 420, table 1.

Imber, 1973: 652.

Bellan-Santini & Ledoyer, 1974: 681, pl. 25.

Griffiths, 1975: 145.

Mauchline & Ballantyne, 1975: 346, 348, fig. 1. (*Katius obesus*).

Griffiths, 1976: 56, 100.

Barnard & Shulenberger, 1976.

Lowry & Bullock, 1976: 90.

Ortiz, 1979: 19.

Andres, 1983: 186.

Umezu, 1984: 128.

Hopkins, 1985b: 197-212.

Andres, 1987: 96, 97.

Costello *et al.*, 1989: 32. (*Katius obesus*).

Barnard & Karaman, 1991: 486.

Boudrias, 1991: 13.

Palerud & Vader, 1991: 35.

De Broyer & Jazdzewski, 1993: 68.

Kaufmann, 1994: 54.

Piatkowski *et al.*, 1994: 19, table 1.

Thurston & Bett, 1995: 201.

Vinogradov G.M., 1999: 1163, fig. 4.16.

Johnson *et al.*, 2001: 198, table 3.

Cherel *et al.*, 2002a: 268, table 3. (eco).

Cherel *et al.*, 2002b: 288, 292, table 3, 4.

Lowry & Stoddart, 2003: 165.

Stoddart & Lowry, 2004: 445-451, figs. 12-15. (syn).

Vinogradov G.M., 2004: 59.

Distribution: An+Sa++(P)

Drake Passage: *Walther Herwig 1977-78*, sta. 191, 63°25'S 64°36'W, 0-835 (bottom: 950 m); sta. 245, 61°08'S 57°21'W, depth? (bottom: 3200 m; gear: RMT) (HGA 83)

Iles Crozet: Ile de la Possession, Crique du Navire; Ile de l'Est, Anse de l'Aventure (BS&L 74).

Iles Kerguelen: Golfe du Morbihan, from stomach contents of *Pachyptila belcheri* and *P. desolata* (YC *et al.* 02a)

Palmer Archipelago: *Hero*, 64°05'S 62°50'W, 0-1000 m (gear: Tucker midwater trawl) (TLH 85b).

South Georgia: *Walther Herwig 1975-76*, sta. 27, 54°56'S 40°00'W, 0-210 m (bottom: 3040 m; gear: RMT); *Walther Herwig 1977-78*, sta. 482, 53°30'S 35°30'W, 0-140 m (bottom: 3000 m; gear: RMT) (HGA 83); *John Biscoe 1991*, sta. 2, between 53°22.5'S 38°31.9'W and 53°39.1'S 38°55.7'W, 400-1000 m (gear: rectangular midwater trawl) (UP *et al.* 94).

Southern Ocean, Atlantic Sector: 52°39'S 37°35'W, 0-2000 m (AS 31a); *Discovery 1925-27*, sta. 107, 45°03'S 17°03'E, 850-950 m (gear: tow-net) (KHB 32).

Southern Ocean, Indian Sector: *SAE 1955-58, Ob*, sta. 227, 67°29'S 30°59'E, 0-4500 m (gear: plankton net) (B&V 62b).

Depth range: 0-4500 m (meso- and bathypelagic).

Type-locality: Azores: 36°17'N 28°53'W, 0-3000 m (EC 05b).

Extralimital distribution: Deep-sea panoceanic.

Extralimital depth range: Meso- and bathypelagic.

Type specimen location: MOM, Monaco (male lost fide L&S 03); RSM, Edinburgh (*Alicella scotiae*).

***Eurythenes thurstoni* Stoddart & Lowry, 2004**

Stoddart & Lowry, 2004: 451-460, figs. 16-20.

Hurley, 1957: 2. (in part, part = *Eurythenes gryllus*).

Barnard J.L., 1961: 35, figs. 6, 7. (in part, part = *Eurythenes gryllus*).

Lowry & Stoddart, 1993: 92. (*Eurythenes gryllus*).

Lowry & Stoddart, 1994: 158. (in part, part = *Eurythenes cf. gryllus*).

France & Kocher, 1996a: 633. (in part, part = *Eurythenes gryllus*).

France & Kocher, 1996b: 306. (in part, part = *Eurythenes sp.*).

Distribution: Sa++(P)

Southern Ocean, Pacific Sector: *Discovery 1932*, sta. 943, 54°28.4'S 179°06.4'E, 0-128 m (bottom 2552 m; gear: tow net) (S&L 04); *Discovery 1936*, sta. 1689, 48°09.9'S 146°26.4'E, 750-1000 m (bottom: 2776 m; gear: tow net) (S&L 04).

Depth range: 0-1000 m. (Epi- and mesopelagic).

Type-locality: Australia: Tasman Sea, *Kapala*, sta. K77-19-03, 37°24'S 150°30'E to 37°28'S 150°33'E, 550 m (bottom: 3658 m; gear: midwater trawl) (S&L 04).

Extralimital distribution: Australia: Tasman Sea; Indonesia: Tanimbar Island; Gulf of Mexico; French West Indies: Guadeloupe.

Extralimital depth range: 0-1800 m.

Type specimen location: AM, Sydney.

HIRONDELLEID Group

***Hirondellea antarctica* (Schellenberg, 1926a)**

Schellenberg, 1926a: 251, fig. 8. (*Tetronychia antarctica*).

Andres, 1983: 186-187.

De Broyer, 1983: 260-261, figs. 90-92.

Barnard K.H., 1930: 319, fig. 2.

? Birstein & Vinogradov, 1960: 184, 232.

Lowry & Bullock, 1976: 92.

Andres, 1983: 186.

Barnard & Karaman, 1991: 491.

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 68.

De Broyer *et al.*, 1999: 166.

Gutt *et al.*, 2000: 80-83.

Dauby *et al.*, 2001a: 69-86. (eco).

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2001: 744-753. (eco)

De Broyer *et al.*, 2004: 1740, 1742, tables 3-4. (eco).

Distribution: E+W(+Ba)

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m; Gaussberg, 170 m (AS 26a).

Oates Coast: *Terra Nova 1910*, sta. 194, 329-366 m (KHB 30).

Princess Ragnhild Coast: *EABN 1964-65*, sta. 217, Breid Bay,

270 m (CDB 83).

South Shetland Islands: *Walther Herwig 1977-78*, sta. 376, 61°29'S 56°03'W, 145-323 m (bottom: 325 m; gear: RMT) (HGA 83).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 06 AGT 03, Kapp Norvegia, 71°27.40'S 13°43.30'W, 212 m (gear: Agassiz trawl); sta. 16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01); 65-1136 m (CDB *et al.* 01); *Polarstern XIII/3*, sta. 05, Kapp Norvegia, 71°40.2'S 12°45.3'W, 223 m (gear: baited trap); sta. 06, Kapp Norvegia, 71°31.5'S 13°31.4'W, 234 m (gear: baited trap); sta. 12, Vestkapp, 73°15.7'S 21°04.8'W, 791 m (gear: baited trap); *Polarstern XV/3*, sta. 202/233, Kapp Norvegia, 70°57'S 11°40.6'W, 808 m (gear: baited trap); *Polarstern XV/3*, sta. 280/284, Atka Bay, 70°27.4'S 07°55.9'W, 550 m (gear: baited trap); *Polarstern XV/3*, sta. 279/283, Atka Bay, 70°24.1'S 07°52.2'W, 1136 m (gear: baited trap); sta. 152, Halley Bay, 74°36.8'S 26°53.9'W, 597 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 65-1136 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m; Gaussberg, 170 m (AS 26a).

Type specimen location: ZMB, Berlin.

Remarks: The Tonga Trench specimen recorded by Birstein & Vinogradov (1960) requires confirmation.

KERGUELENIID Group

Kerguelenia adeliensis Bellan-Santini, 1972a

Bellan-Santini, 1972a: 198, pl. 18.

Lowry & Bullock, 1976: 92.

Barnard & Karaman, 1991: 493.

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 69.

Distribution:

E

Adélie Coast: Géologie Archipelago, 70-90 m (DBS 72a).

Weddell Sea: eastern shelf (MK 91).

Depth range: 70-90 m.

Type-locality: Adélie Coast: Géologie Archipelago, 70-90 m (DBS 72a).

Type specimen location: MCSN, Verona.

Kerguelenia antarctica K.H. Barnard, 1930

Barnard K.H., 1930: 318, fig. 1B.

Barnard J.L., 1958e: 93.

Thurston & Allen, 1969: 359.

Lowry & Bullock, 1976: 92.

Barnard & Karaman, 1991: 493.

De Broyer & Jazdzewski, 1993: 69.

Distribution:

E

Ross Sea: *Terra Nova*, sta. 356, McMurdo Sound, 92 m (KHB 30).

Depth range: 92 m.

Type-locality: Ross Sea: *Terra Nova*, sta. 356, McMurdo Sound, 92 m (KHB 30).

Type specimen location: NHM, London.

Kerguelenia antiborealis Bellan-Santini & Ledoyer, 1987

Bellan-Santini & Ledoyer, 1987: 407-409, fig. 21.

Branch *et al.*, 1991: 14, 40, fig. on p.14.

De Broyer & Jazdzewski, 1993: 69.

Distribution:

S(+Ba)

Prince Edward Islands: *Marion Dufresne 08*, sta. 12, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 18, 46°49.8'S 37°56.2'E, 140 m (bottom/habitat: sandy mud); sta. 34, 46°50.2'S 37°51.2'E, 110-115 m (bottom/habitat: compact mud) (BS&L 87); no loc., 510 m (bottom/habitat: >60% rock) (MLB 91).

Depth range: 95-510 m.

Type-locality: Prince Edward Islands, *Marion Dufresne 08*, sta. 34, 46°50.2'S 37°51.2'E, 110-115m (bottom/habitat: compact mud) (BS&L 87).

Type specimen location:

Kerguelenia compacta Stebbing, 1888

Stebbing, 1888: 1220, pl. 15a.

Stebbing, 1906: 12, fig. 2.

Barnard J.L., 1958e: 93.

Thurston & Allen, 1969: 360.

Mills, 1972a: 74, table 1.

Arnaud, 1974: 546, 553, table 17. (eco).

Bellan-Santini & Ledoyer, 1974: 685, pl. 26.

Lowry & Bullock, 1976: 92.

Barnard & Karaman, 1991: 493.

De Broyer & Jazdzewski, 1993: 69.

Distribution:

S

Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88); Golfe du Morbihan 15 m; Ile Australia, 24 m; Bras Karl Luyken, 30 m; Anse Joliette, 10-54 m (BS&L 74).

Depth range: 10-229 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Kerguelenia glacialis* Schellenberg, 1926a**

Schellenberg, 1926a: 239, fig. 1.
 Barnard J.L., 1958e: 93.
 Lowry & Bullock, 1976: 92.
 Barnard & Karaman, 1991: 493.
 Klages, 1991: 50.
 De Broyer & Jazdzewski, 1993: 69.

Distribution: E

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Weddell Sea: eastern shelf (MK 91).

Depth range: 385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

?*Kerguelenia palpalis* K.H. Barnard, 1932

Barnard K.H., 1932: 28.
 Schellenberg, 1926a: 241, fig. 2. (*Kerguelenia* sp.).
 Barnard J.L., 1958e: 93.
 Thurston & Allen, 1969: 360.
 Lowry & Bullock, 1976: 92-93.
 Barnard & Karaman, 1991: 493 (questioned genus).
 De Broyer & Jazdzewski, 1993: 69.

Distribution: E+W

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Depth range: 200-385 m.

Type-locality: Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.

LEPIDEPECREELLID Group***Lepidepecreella andeep* Berge, Vader & Lockhart, 2004**

Berge, Vader & Lockhart, 2004: 1717-1731, figs. 1-4.

Distribution: W(Ba)

South Sandwich Islands: East of the South Sandwich Islands, 58°16'S 24°53.78'W, 2945-2957 m (gear: Agassiz trawl) (JB *et al.* 04).

Depth range: 2945-2957 m.

Type-locality: South Sandwich Islands: East of the South Sandwich Islands, 58°16'S 24°53.78'W, 2945-2957 m (gear: Agassiz trawl) (JB *et al.* 04).

Type specimen location: ZMH, Hamburg ?

***Lepidepecreella ctenophora* Schellenberg, 1926a**

Schellenberg, 1926a: 281, fig. 23.
 Barnard J.L., 1958e: 93.
 Barnard J.L., 1966a: 68-69, (in key).
 Lowry & Bullock, 1976: 93.
 Voss, 1988: 54.
 Barnard & Karaman, 1991: 494-495.
 Klages, 1991: 50.
 De Broyer & Jazdzewski, 1993: 69.

Distribution: E

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91).

Depth range: 385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Lepidepecreella emarginata* Nicholls, 1938**

Nicholls, 1938: 31, fig. 13.
 Barnard J.L., 1958e: 93.
 Barnard J.L., 1966a: 68, (in key).
 Lowry & Bullock, 1976: 93.
 Barnard & Karaman, 1991: 495.
 De Broyer & Jazdzewski, 1993: 69.

Distribution: E(Ba)

Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 518-540 m (GEN 38).

Depth range: 518-540 m.

Type-locality: Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 518-540 m (GEN 38).

Type specimen location: AM, Sydney.

***Lepidepecreella ovalis* K.H. Barnard, 1932**

Barnard K.H., 1932: 61, fig. 23.
 Barnard J.L., 1958e: 93.
 Barnard J.L., 1966a: 68, (in key).
 Thurston & Allen, 1969: 360.
 Lowry & Bullock, 1976: 93.
 Barnard & Karaman, 1991: 495.
 De Broyer & Jazdzewski, 1993: 69.

Distribution: G

South Georgia: *Discovery 1925-27*, sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: tow-net of coarse silk, nets) (KHB 32).

Depth range: 120-270 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud;

gear: large otter trawl, nets); sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: tow-net of coarse silk, nets) (KHB 32).

Type specimen location: NHM, London.

Lepidepecreella tridactyla Bellan-Santini, 1972a

Bellan-Santini, 1972a: 200, pls. 19, 20.

Lowry & Bullock, 1976: 93.

Barnard & Karaman, 1991: 495.

Branch *et al.*, 1991: 13, 39-40, fig. on p.13.

De Broyer & Jazdzewski, 1993: 69.

Distribution: **E+S(+Ba)**

Adélie Coast: Cape Géodésie, 230-250 m (DBS 72a).

Prince Edward Islands: no loc., 290-527 m (MLB *et al.* 91).

Depth range: 230-527 m.

Type-locality: Adélie Coast: Cape Géodésie, 230-250 m (DBS 72a).

Type specimen location: MCSN, Verona.

Family LYSIANASSIDAE Dana, 1849 s.s.

[See Lowry & Stoddart 1997]

Subfamily Lysianassinae Dana, 1849

Acontiostoma marionis Stebbing, 1888

Stebbing, 1888: 709, pl. 30.

Stebbing, 1888: 714, pl. 31. (*Acontiostoma magellanicum*).

Della Valle, 1893: 786.

Stebbing, 1906: 15, fig. 4.

Stebbing, 1906: 15. (*Acontiostoma magellanicum*).

Chilton, 1912a: 462.

Stebbing, 1914b: 356.

Schellenberg, 1931a: 5.

Barnard K.H., 1932: 32.

Nicholls, 1938: 10, fig. 1.

Barnard J.L., 1958e: 88.

Kenny & Haysom, 1962: 256, 260, table 4. (eco).

Barnard K.H., 1965: 206.

Thurston & Allen, 1969: 353. (*Acontiostoma magellanicum*).

Barnard J.L., 1972b: 138.

Arnaud, 1974: 556, table 18. (eco).

Bellan-Santini & Ledoyer, 1974: 678.

Truchot, 1974: 20.

Lowry & Bullock, 1976: 82-83.

Lowry & Stoddart, 1983a: 287-291, figs. 1-4.

De Broyer, 1983: 223-225, fig. 65.

Bellan-Santini & Ledoyer, 1987: 406.

Barnard & Karaman, 1991: 457.

Branch *et al.*, 1991: 14, 40, 42, fig. on p.14.

De Broyer & Jazdzewski, 1993: 65.

Distribution: **S+M+T**

Campbell Island: Perseverance Harbour, 16 stations, 6-25

m; Smoothwater Bay, 2 stations, 10-16 m; Northwest Bay, 1 station, 3-6 m; Southeast Harbour, 1 station, 8 m (L&S 83).

Falkland Islands: Rapid Point, *Challenger 1873-76*, low tide (TRS 88); Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae) (AS 31a); *Discovery 1925-27*, sta. 55, entrance to Port Stanley, 10-16 m (gear: small beam trawl) (KHB 32).

Gough Island: *Scotia 1902-04*, sta. 461, 40°21'S 09°55'W, 183 m (CC 12a); no loc. (KHB 65); no loc. (L&S 83).

Iles Kerguelen: no loc., 5-10 m (AS 31a); no loc. (JPT 74); Golfe du Morbihan, Fjord Bossière, 10-15 m; Port Jeanne d'Arc, 14-17 m; Bras Laboureur, 10-35 m (BS&L 74); 49°32'4" S 70°22'5"E, 59 m (CDB 83).

Macquarie Island: Garden Bay, rocks below low tide; North End, rocks (GEN 38); Buckles Bay (K&H 62). Tottan Head, 5 stations, 9-14 m; Aerial Cove, 12 stations, 0-6 m; Anchor Rock, 2 stations, 13-20 m; Handspike Point, 2 stations, 0 m; Gorilla Head Rock, 3 stations, 0-9 m; Mawson Point, 1 station, 1-5 m; Sandy Bay, 2 stations, 16 m; Green Gorge, 9 stations, 6-18 m; Caroline Cove, 1 station, 13-18 m; Garden Bay, 2 stations, 3-6 m (L&S 83).

Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom/habitat: sand, gear: trawl) (TRS 88); 'Lagotowia', 18 m (bottom/habitat: blue-greyish clay) (AS 31a).

Prince Edward Islands: *Challenger 1873-76*, sta. 145, off Marion Island, 46°43'S 38°04'30"E, 90-135 m (bottom/habitat: sand, gear: dredge) (TRS 88); *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 94 m (bottom/habitat: muddy sand); sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m (BS&L 87).

Depth range: 0-135 m.

Type-locality: Prince Edward Islands: *Challenger 1873-76*, sta. 145, off Marion Island, 46°43'S 38°04'30"E, 90-135 m (bottom/habitat: sand, gear: dredge) (TRS 88);

Type specimen location: NHM, London.

Acontiostoma tuberculata Lowry & Stoddart, 1983

Lowry & Stoddart, 1983: 291-294, fig. 5-7.

Distribution: **S+**

The Snares: northwest of Ho Ho Bay, 48°07'S 166°36'E, 14 m (bottom/habitat: clumps of crustose coralline algae) (L&S 82).

Depth range: 14 m.

Type-locality: The Snares: northwest of Ho Ho Bay, 48°07'S 166°36'E, 14 m (bottom/habitat: clumps of crustose coralline algae) (L&S 82).

Extralimital distribution: New Zealand, Kaikoura, Wairepo Flats, 42°25'S 173°42'E, 4 m (bottom/habitat: black sponge) (L&F 83).

Extralimital depth range: 4 m.

Type specimen location: NMNZ, Wellington.

Aruga falklandica (K.H. Barnard, 1932)

Barnard K.H., 1932: 39, fig. 7. (*Lysianassa falklandica*).

Piriot 1936b: 263. (*Arugella falklandica*).
 Barnard J.L., 1958e: 90. (*Arugella falklandica*).
 Barnard J.L., 1969c: 295. (*Lysianassa falklandica*).
 Thurston & Allen, 1969: 356. (*Arugella falklandica*).
 Lowry & Bullock, 1976: 94. (*Lysianassa falklandica*).
 Barnard & Karaman, 1991: 469, 498. (gen. rem.).
 De Broyer & Jazdzewski, 1993: 66.

Distribution:**M**

Falkland Islands: *Discovery 1925-27*, sta. WS 85, East Falkland Island, off Lively Island, 79 m (bottom/habitat: sand, shells; gear: commercial otter trawl); sta. WS 97, 49°00'S 61°58'W, 145-146 m (bottom/habitat: sand, gravel, stones; gear: commercial otter trawl) (KHB 32).

Depth range: 79-146 m.

Type-locality: Falkland Islands *Discovery 1925-27*, sta. WS 85, East Falkland Island, off Lively Island, 79 m (bottom/habitat: sand, shells; gear: commercial otter trawl) (KHB 32).

Type specimen location: NHM, London.

Ensayara iara Lowry & Stoddart, 1983b

Lowry & Stoddart, 1983b: 306-309, figs. 18-19.

Distribution:**S**

The Snares: north side of Punui Bay, 48°07'S 166°36'E, 27-50 m (bottom/habitat: either among bryozoans or coarse shelly sand) (L&S 82).

Depth range: 27-50 m.

Type-locality: The Snares: north side of Punui Bay, 48°07'S 166°36'E, 27-50 m (bottom/habitat: either among bryozoans or coarse shelly sand) (L&S 82).

Type specimen location: NMNZ, Wellington.

Kakanui integricauda (Stebbing, 1888)

Stebbing, 1888: 695, pl. 26. (*Ambasia integricauda*).
 Stebbing, 1906: 35. (*Nannonyx integricauda*).
 Barnard J.L., 1958e: 95. (*Nannonyx integricauda*).
 Thurston & Allen, 1969: 362. (*Nannonyx integricauda*).
 Lowry & Bullock, 1976: 94. (*Nannonyx integricauda*).
 Lowry & Stoddart, 1983b: 309-313, figs. 20-22.
 Barnard & Karaman, 1991: 493.
 De Broyer & Jazdzewski, 1993: 69.

Distribution:**S**

Iles Kerguelen: *Challenger 1873-76*, sta. 149D, Passe Royale [Royal Sound], 49°28'S 70°13'E, 50 m (bottom/habitat: mud, gear: dredge) (TRS 88).

Macquarie Island: Aerial Cove, 3 stations, 3-6 m; Caroline Cove, 4 stations, 8-13 m; *USARP, Eltanin 16*, sta. 1418, 54°32'S 159°02'E, 86-101 m (gear: 10-foot Blake trawl); *USARP, Eltanin 27*, sta. 1974, 54°30-34'S 158°59'E, 112-124 m (gear: 5-foot Blake trawl) (L&S 83b).

Depth range: 3-124 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149D, Passe Royale [Royal Sound], 49°28'S 70°13'E, 50 m (bottom/habitat: mud, gear: dredge) (TRS 88).

Type specimen location: NHM, London.

Kakanui punui Lowry & Stoddart, 1983b

Lowry & Stoddart, 1983b: 313-317, figs. 23-26.

Barnard & Karaman, 1991: 492-493.

De Broyer & Jazdzewski, 1993: 69.

Lowry & Stoddart, 2003: 167.

Distribution:**S+**

Auckland Islands: Port Ross, 4 stations, 0-3 m (L&S 83b).

Campbell Island: Perseverance Harbour, 11 stations, 0-16 m; Southeast Harbour, 2 stations, 8 m; Northwest Bay, 2 stations, 6-8 m; Smoothwater Bay, 7 stations, 4-18 m; Windlass Bay, 6 stations, 3-8 m (L&S 83b).

The Snares: 48°07'S 166°36'E, 10 m; Ho Ho Bay, 4 stations, 10-22 m; Mollymawk Bay, 2 stations, 24-27 m; Cod Cavern Gutway, 3 stations, 3 m; Punui Bay, 4 stations, 8-26 m (L&S 83b).

Depth range: 0-27 m.

Type-locality: The Snares: north side of Punui Bay, 48°07'S 166°36'E, 10 m (L&S 83b).

Type specimen location: NMNZ, Wellington; AM, Sydney; NHM, London; USNM, Washington.

Lysianopsis subantarctica (Schellenberg, 1931a)

Schellenberg, 1931a: 9, fig. 3. (*Aruga subantarctica*).

Barnard J.L., 1958e: 90. (*Aruga subantarctica*).

Hurley, 1963: 72, 74, 75, (in key).

Barnard J.L., 1969c: 295. (*Lysianassa subantarctica*).

Lowry & Bullock, 1976: 94. (*Lysianassa subantarctica*).

Lowry & Stoddart, 1984a: 98-103, figs. 1-3.

Barnard & Karaman, 1991: 499.

Gonzalez, 1991a: 59.

Rauschert, 1991: 37.

De Broyer & Jazdzewski, 1993: 70.

Distribution:**W+M**

Magellan area: Bahia Harris, 27 m (bottom/habitat: shells); Puerto Condor, 90 m (bottom/habitat: rocks, ascidians, sponges); Bahia Ushuaia, 11-27 m (AS 31a).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 11-90 m.

Type-locality: Magellan area Bahia Harris, 27 m (bottom/habitat: shells); Puerto Condor, 90 m (bottom/habitat: rocks, ascidians, sponges); Bahia Ushuaia, 11-27 m (AS 31a).

Type specimen location: NRS, Stockholm.

***Lysianopsis tieke* Lowry & Stoddart, 1983b**

Lowry & Stoddart, 1983b: 318-321, figs. 27-28.

Barnard & Karaman, 1991: 499.

De Broyer & Jazdzewski, 1993: 70.

Distribution:**S**

Campbell Island: Perseverance Harbour, east of Vire Point, 52°33'S 169°10'E, 10m (bottom/habitat: red algae, sediment and detritus trapped in slimy mucous), 3m (bottom/habitat: tunicates on underside of rock overhang), 15m (bottom/habitat: sediment and red algae on boulders); Perseverance Harbour, 10 stations, 3-23 m; Smoothwater Bay, 1 station, 16 m; Windlass Bay, 1 station, 3-6 m; Northwest Bay, 1 station, 9 m (L&S 83b).

Depth range: 3-15 m.

Type-locality: Campbell Island: Perseverance Harbour, east of Vire Point, 52°33'S 169°10'E, 10 m (bottom/habitat: red algae, sediment and detritus trapped in slimy mucous), 3 m (bottom/habitat: tunicates on underside of rock overhang), 15 m (bottom/habitat: sediment and red algae on boulders) (L&S 83b).

Type specimen location: NMNZ, Wellington; AM, Sydney; NHM, London; USNM, Washington.

***Parawaldeckia dabita* Lowry & Stoddart, 1983b**

Lowry & Stoddart, 1983b: 306-309, fig. 18-19.

Distribution:**S**

The Snares: Senecio Pool, 48°07'S 166°36'E, 7 m (bottom/habitat: deep deposits of terrestrial plant detritus) (L&S 83b).

Depth range: 7 m.

Type-locality: The Snares: Senecio Pool, 48°07'S 166°36'E, 7 m (bottom/habitat: deep deposits of terrestrial plant detritus) (L&S 83b).

Type specimen location: NMNZ, Wellington.

***Parawaldeckia hirsuta* Lowry & Stoddart, 1983b**

Lowry & Stoddart, 1983b: 334-336, figs. 37-39.

Barnard & Karaman, 1991: 515.

De Broyer & Jazdzewski, 1993: 73.

Distribution:**S**

Campbell Island: Perseverance Harbour, west side of Davis Point 52°34'S 169°13'E, 25 m (bottom/habitat: sediment from a coarse sand and shell); west side of Southeast Harbour, 52°36'S, 169°09'E, 8 m (bottom/habitat: sediment beneath boulders overhangs in *Macrocystis pyrifera* bed); Perseverance Harbour, 1 station, 23 m; Northwest Bay, 1 station, 6-8 m (L&S 83b).

Depth range: 6-25 m.

Type-locality: Campbell Island: Perseverance Harbour, west side of Davis Point 52°34'S 169°13'E, 25 m (bottom/habitat:

sediment from a coarse sand and shell); west side of Southeast Harbour, 52°36'S, 169°09'E, 8 m (bottom/habitat: sediment beneath boulders overhangs in *Macrocystis pyrifera* bed) (L&S 83b).

Type specimen location: NMNZ, Wellington; AM, Sydney; NHM, London; USNM, Washington.

***Parawaldeckia kidderi* (Smith, 1876)**

Smith, 1876: 59. (*Lysianassa kidderi*).

Miers, 1879a: 207. (*Lysianassa kidderi*).

Stebbing, 1906: 36. (*Nannonyx kidderi*).

Non Chilton, 1909b: 615. (*Nannonyx kidderi* = *Parawaldeckia* sp.).

Chilton, 1911c: 563. (*Nannonyx kidderi*).

Non Thomson, 1913: 242. (*Nannonyx kidderi* = *Parawaldeckia thomsoni*).

Non Chilton, 1921d: 41, fig. 3A, B. (*Nannonyx kidderi* = *Parawaldeckia stebbingi*).

? Monod, 1926: 51, fig. 50. (questioned by Barnard & Hurley, 1975). (*Nannonyx kidderi*).

Non Stephensen, 1927e: 300, fig. 2. (*Parawaldeckia kidderi* = *Parawaldeckia* sp., fide Hurley & Cooper, 1974).

Schellenberg, 1931a: 6.

Pirlot, 1936b: 255.

Nicholls, 1938: 17, fig. 5. (*Lysianassa anomala*).

Stephensen, 1947a: 33.

Stephensen, 1949: 5. (in part, part = *Parawaldeckia* sp. 2).

Barnard J.L., 1958e: 98.

Barnard J.L., 1958e: 94. (*Lysianassa anomala*).

Kenny & Haysom, 1962: 256, 260, table 4. (eco). (*Nannonyx kidderi*).

Barnard K.H., 1965: 205.

Barnard J.L., 1969c: 302.

Barnard J.L., 1969c: 295. (provisional status). (*Parambasia anomala*).

Arnaud, 1974: 553, 559, tables 17, 19. (eco).

Bellan-Santini & Ledoyer, 1974: 686, pl. 29. (fide Hurley & Cooper, 1974).

Tattersall, 1922: 3, pl. 1, figs. 1-6. (fide Barnard & Hurley, 1975).

Barnard J.L. & Hurley, 1975: 69, figs. 1, 2.

Lowry & Bullock, 1976: 103-104, 103. (*Parambasia anomala*, in part).

Lowry & Stoddart, 1983b: 336-345, figs. 40-43.

Bellan-Santini & Ledoyer, 1987: 409.

Alonso, 1987b: 17, figs. 1-17.

Barnard & Karaman, 1991: 515.

Branch *et al.*, 1991: 14, 40, fig. on p.14.

De Broyer & Jazdzewski, 1993: 73.

Distribution:**S+M+T+**

Auckland Islands: Port Ross, 3 stations, 0-3 m; Frenchs Islet, 2 stations, 0 m; Carnley Harbour, 1 station, 0 m; Disappointment Island, 1 station, 0 m; Victoria Passage, 1 station, 0 m; North Harbour, 1 station, 0 m; Enderby Island, 2 stations, 0 m (L&S 83b).

Campbell Island: Perseverance Harbour, 5 stations, 0 m; Smoothwater Bay, 3 stations, 0-10 m; Southeast Harbour, 3 stations, 0-8 m (L&S 83b).

Iles Crozet: no loc., 1-5 m (KS 47a); Ile de l'Est, Anse de l'Aventure (BS&L 74).

Falkland Islands: Port Stanley, low tide (AS 31a).

Gough Island: 40°21'S 09°55'W; Dell Rocks (KHB 65).

Iles Kerguelen: no loc., rocks (SIS 76); no loc. (EJM 79a); Golfe du Morbihan, low tide; Port Douzième, littoral; Port-aux-Français, low tide (BS&L 74).

Macquarie Island: (GEN 38); Buckles Bay (K&H 62); Sandy Bay, 3 stations, 0-11 m; Garden Bay, 7 stations, 0-8 m; Tern Rock, 2 stations, 7 m; Aerial Cove, 2 stations, 0-5 m; Buckles Bay, 2 stations, 0-15 m; Handspike Point, 3 stations, 0 m; Gorilla Head Rock, 2 stations, 8-9 m; Mawson Point, 1 station, 1.5 m; Green Gorge, 7 stations, 0-15 m; Caroline Cove, 5 stations, 8-18 m; Hurd Point, 1 station, 0 m; Tottan Head, 2 stations, 10-14 m; USARP, *Eltanin 27*, Station 1973, 54°31'-30'S 158° 59'-58'E, 29-37 m (gear: 5-foot Blake trawl) (L&S 83b).

Magellan area: Punta-Arenas, low tide; 'Katanushuaia', 18-22 m (bottom/habitat: shells, stones, algae); Bahia Harris, low tide (bottom/habitat: sand, stones); Bahia Ushuaia, 2-4 m (bottom/habitat: kelp holdfasts) (AS 31a); *Belgica 1897-99*, Punta Santa Ana (TM 26); Ushuaia; Bahia Almirante Brown (GMA 87b).

Prince Edward Islands: *Marion Dufresne 08*, sta. 18 RK 109, 138 m (BS&L 87).

The Snares: Ho Ho Bay, 2 stations, ?-20 m; Seal Point, 1 station, 0-2 m; Skua Point, 1 station, 0 m; Station Point, 1 station, 0-1 m; Rima Islet, 2 stations, 0 m; Seal Point Pool, 1 station, 0 m; Senecio Pool, 2 stations, 0 m; Boat Harbour, 7 stations, 0-2 m (L&S 83b).

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha 1937-38*, sta. 77, Tristan da Cunha Island, 0 m; Nightingale Island: sta. 96, 0 m; sta. 111, 40-60 m; sta. 115, 35-55 m; Inaccessible Island: sta. 142, 4-10 m; sta. 146, 0 m; sta. 151, 5 m; sta. 160, 0 m (KS 49).

Depth range: 0-138 m.

Type-locality: Iles Kerguelen: no loc., rocks (SIS 76).

Extralimital distribution: Kermadec Islands.

Extralimital depth range:

Type specimen location: The types of *Lysianassa anomala* Nicholls, 1938 are lost (Lowry, 1982).

***Parawaldeckia pulchra* Lowry & Stoddart, 1983b**

Lowry & Stoddart, 1983b: 345-350, fig. 44-47.

Distribution: S

The Snares: Trumpeter Bay, 48°07'S 166°36'E, 18-22 m (bottom/habitat: red algae); north side of Punui Bay, 18 m (bottom/habitat: algae); north side of Punui Bay, 16 m (bottom/habitat: green algae *Caulerpa brownia*, on rock face); north side of Punui Bay, 10-14 m (bottom/habitat: algae on rock face) (L&S 83b).

Depth range: 10-22 m.

Type-locality: The Snares: Trumpeter Bay, 48°07'S 166°36'E,

18-22 m (bottom/habitat: red algae) (L&S 83b).

Type specimen location: NMNZ, Wellington.

***Parawaldeckia suzae* Lowry & Stoddart, 1983b**

Lowry & Stoddart, 1983b: 350-354, figs. 48-52.

Barnard & Karaman, 1991: 515.

De Broyer & Jazdzewski, 1993: 74.

Distribution: S+

Auckland Island: Ranui Cove, Port Ross, 50°32'S 166°17'E (bottom/habitat: *Macrocystis pyrifera* holdfast and red algae on anchor of *Acheron*); Port Ross, 3 stations, ? m (L&S 83b)

Campbell Island: Perseverance Harbour, 10 stations, 6-20 m; Smoothwater Bay, 9 stations, 8-18 m; Windlass Bay, 6 stations, 3-8 m; Northwest Bay, 2 stations, 9 m; Southeast Harbour, 2 stations, 8 m (L&S 83b)

The Snares: Ho Ho Bay, 3 stations, 14-22 m; Mollymawk Bay, 2 stations, 18-27 m; Boat Harbour, 2 stations, 1-7 m; Senecio Pool, 1 station, 3-5 m; Cod Cavern Gutway, 3 stations, 7-15 m; Punui Bay, 10 stations, 8-50 m; Broughton Island, 2 stations, 10-12 m; Trumpeter Bay, 1 station, 18-22 m (L&S 83b).

Depth range: 1-50 m.

Type-locality: Auckland Island: Ranui Cove, Port Ross, 50°32'S 166°17'E (bottom/habitat: *Macrocystis pyrifera* holdfast and red algae on anchor of *Acheron*) (L&S 83b)

Type specimen location: NMNZ, Wellington; AM, Sydney; NHM, London; USNM, Washington.

***Parawaldeckia vesca* Lowry & Stoddart, 1983b**

Lowry & Stoddart, 1983b: 360-364, figs. 56-59.

Barnard & Karaman, 1991: 515.

De Broyer & Jazdzewski, 1993: 74.

Distribution: S+

Auckland Islands: Waterfall Inlet, 1 station, 23 m; Ranui Cove, 1 station; Port Ross, 2 stations (L&S 83b).

Campbell Island: Perseverance Harbour, 7 stations, 38-95 m; Windlass Bay, 3 stations, 3-8 m; Southeast Harbour, 1 station, 2 m (L&S 83b).

The Snares: North side of Punui Bay, 48°07'S 166°36'E, 10-14 m and 16 m (bottom/habitat: green algae, on rock face); Mollymawk Bay, 2 stations, 24-27 m; South Promontory, 1 station, 0 m; Senecio Pool, 1 station, 3-5 m; Cod Cavern Gutway, 4 stations, 7-15 m; Punui Bay, 9 stations, 8-50 m; Trumpeter Bay, 2 stations, 12-22 m; Broughton Island, 2 stations, 10-12 m; Ho Ho Bay, 3 stations, 4-15 m (L&S 83b).

Depth range: 0-95 m.

Type-locality: The Snares: North side of Punui Bay, 48°07'S 166°36'E, 10-14 m and 16 m (bottom/habitat: green algae, on rock face) (L&S 83b).

Type specimen location: NMNZ, Wellington; AM, Sydney; NHM, London; USNM, Washington.

***Parawaldeckia* sp. 1 J.L. Barnard, 1972b**

Barnard J.L., 1972b: 140. (*Parawaldeckia* spp.).
Walker, 1908: 33. (*Lysianassa* sp.).
Chilton, 1909b: 615. (*Nannonyx kidderi*).
Stephensen, 1927e: 300, fig. 2. (*Parawaldeckia kidderi*).
Stephensen, 1938c: 244. (*Parawaldeckia kidderi*).
Hurley & Cooper, 1974: 565. (*Nannonyx kidderi*).
Hurley & Cooper, 1974: 565. (*Parawaldeckia kidderi*).
Lowry & Bullock, 1976: 104.
De Broyer & Jazdzewski, 1993: 74.

Distribution: S+
Auckland Islands: no loc. (AOW 08); Carnley Harbour (CC 09b), Masked Island, Rocks; Port Ross, low tide-18 m (KS 27e).
Campbell Island: Perseverance Harbour (CC 09b), shore (KS 27e).
The Snares: no loc. (CC 09b; JLB 72b).
Depth range: 0-18 m.

***Parawaldeckia* sp. 2 Stephensen, 1949**

Stephensen, 1949: 5. (*Parawaldeckia kidderi*, part).
Barnard & Karaman, 1991: 515.

Distribution: T
Tristan da Cunha: Tristan da Cunha Island, sta. 77, 0 m; Nightingale Island: sta. 96, 0 m; sta. 111, 40-60 m; sta. 115, 35-55 m; Inaccessible Island: sta. 142, 4-10 m; sta. 146, 0 m; sta. 151, 5 m; sta. 160e, 0 m (KS 49).
Depth range: 0-60 m.

***Pseudambasia rossii* Stephensen, 1927e**

Stephensen, 1927e: 303, figs. 3, 4. (?*Parambasia rossii*).
Stephensen, 1927e: 305, fig. 5. (*Pseudambasia bipartita*).
Stephensen, 1938c: 244. (?*Parambasia rossii*).
Ralph & Yaldwin, 1956: 76. (*Parambasia rossii*).
Barnard J.L., 1958e: 97.
Barnard J.L., 1958e: 98. (*Pseudambasia bipartita*).
Barnard J.L., 1969a: 182. (*Parambasia rossii*).
Barnard J.L., 1969c: 35. (*Parambasia rossii*).
Barnard J.L., 1969c: 360. (*Pseudambasia bipartita*).
Barnard J.L., 1972b: 140. (*Parambasia rossii*).
Barnard J.L., 1972b: 140. (*Pseudambasia bipartita*).
Lowry & Bullock, 1976: 103 (*Pseudambasia rossii*).
Lowry & Bullock, 1976: 104. (*Pseudambasia bipartita*).
Rainer, 1981: table 2.
Lowry & Stoddart, 1983b: 322-325, figs. 29-32.
Barnard & Karaman, 1991: 522. (*Pseudambasia rossii*).

Distribution: S+
Auckland Islands: Carnley Harbour, Masked Island, Rocky Coast; Port Ross, 18 m (KS 27e); Western Harbour, 1 station, 10 m; Waterfall Inlet, 2 stations, 3-4 m; Port Ross, 3 stations

(L&S 83b).

Campbell Island: Perseverance Harbour, 42 m (KS 38c); Perseverance Harbour, 19 stations, 0-23 m; Windlass Bay, 7 stations, 3-8 m (L&S 83b).

Depth range: 0-42 m.

Type-locality: Auckland Islands: Carnley Harbour, Masked Island, Rocky Coast; Port Ross, 18 m (KS 27e).

Extralimital distribution: New Zealand, Otago Harbour.

Extralimital depth range:

Type specimen location:

***Socarnoides kergueleni* Stebbing, 1888**

Stebbing, 1888: 691, pl. 25.
Stebbing, 1906: 47.
Schellenberg, 1926b: 197, fig. 1a-i. (*Acidostomella cultrifera*).
Shellenberg, 1931: 22.
Barnard K.H., 1932: 32. (*Acidostomella cultrifera*).
Barnard J.L., 1958e: 99.
Thurston & Allen, 1969: 368.
Mills, 1972a: 74, table 1.
Lowry & Bullock, 1976: 105.
Andres, 1983: 217.
Wakabara *et al.*, 1990: 4, 6.
Barnard & Karaman, 1991: 531-532.
? Jazdzewski *et al.*, 1992: 465. (*Socarnoides cf. kergueleni*).
De Broyer & Jazdzewski, 1993: 75.
Jazdzewski *et al.*, 1996: 371. (*Socarnoides cf. kergueleni*).

Distribution: W+G+S
Iles Kerguelen: *Challenger 1873-76*, sta. 149E, Greenland Harbour, 49°37'S 70°16'E, 55 m (bottom/habitat: mud, gear: dredge); sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88); Gazelle Harbour, 5-10 m (AS 26c).

Shag Rocks: 53°34'S 43°23'W, 160 m (AS 31a); *Discovery 1925-27*, sta. 160, 53°43'S 40°57'W, 177 m (bottom/habitat: grey mud, stones, rock; gear: large heavy dredge) (KHB 32).

South Georgia: Cumberland Bay, 75 m; off Grytviken, 22-30 m (AS 31a); *Discovery 1925-27*, sta. 39, Cumberland East Bay, 179-235 m (bottom/habitat: grey mud; gear: large otter trawl); sta. WS 27, 53°55'S 38°01'W, 107 m (bottom/habitat: 80 m, gravel; gear: tow-net); sta. WS 33, 54°59'S 35°24'W, 130 m (bottom/habitat: 135 m, grey mud, stones; gear: tow-net) (KHB 32).

South Shetland Islands: *Walther Herwig 1977-78*, sta. 376, 61°29'S 56°03'W, 145-323 m (bottom: 325 m; gear: RMT) (HGA 83); 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90); ? King George Island, Admiralty Bay (KJ *et al.* 92).

Depth range: 5-323 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149E, Greenland Harbour, 49°37'S 70°16'E, 54 m (bottom/habitat: mud, gear: dredge); sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Socarnoides unidentatus* (Schellenberg, 1931a)**

Schellenberg, 1931a: 24-25, fig. 10. (*Socarnes unidentatus*)
 Gonzalez, 1991a: 59.
 Barnard & Karaman, 1991: 532.
 De Broyer & Jazdzewski, 1993: 75

Distribution:**M**

Magellan area: Puerto Madryn, 9 m (bottom/habitat: sand, clay) (AS 31a); Estrecho de Magallanes (EG 91a).

Depth range: 9 m.

Type-locality: Magellan area: Puerto Madryn, 9 m (bottom/habitat: sand, clay) (AS 31a).

Type specimen location: NRS, Stockholm.

***Stomacontion acutibasalis* (Bellan-Santini & Ledoyer, 1974)**

Bellan-Santini & Ledoyer, 1974: 678, pl. 22. (*Acontiosstoma acutibasalis*).
 Arnaud, 1974: 556, 18. (eco). (*Acontiosstoma acutibasalis*).
 Lowry & Bullock, 1976: 82. (*Acontiosstoma acutibasalis*).
 Lowry & Stoddart, 1983a: 294.
 De Broyer, 1983: 225. (*Acontiosstoma acutibasalis*).
 Bellan-Santini & Ledoyer, 1987: 410.
 Barnard & Karaman, 1991: 534.
 Branch *et al.*, 1991: 14, fig. on p.14.
 De Broyer & Jazdzewski, 1993: 75.

Distribution:**S**

Iles Kerguelen: Golfe du Morbihan, Ile du Chat; Fjord Bossière, 10-15 m; Port Jeanne-d'Arc, 12-17 m (BS&L 74).

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 17 BB 97, 46°52.5'S 37°53.5'E, 110 m (bottom/habitat: muddy sand); sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 22 BB 125, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand) (BS&L 87).

Depth range: 10-138 m.

Type-locality: Iles Kerguelen: Golfe du Morbihan, Ile du Chat; Fjord Bossière, 10-15 m; Port Jeanne-d'Arc, 12-17 m (BS&L 74).

Type specimen location: MCSN, Verona.

***Stomacontion bulbosus* Rauschert, 1997a**

Rauschert, 1997a: 17-25, figs. 1-2.

Distribution:**W**

South Shetland Islands: King George Island, Maxwell Bay, near Suffield Point, 62°11'40"S 58°55'W, 80-88 m, (bottom/habitat: mud with stones; accompanying fauna: sponges, Bryozoa, Ascidiacea; gear: dredge) (MR 97a).

Depth range: 80-88 m.

Type-locality: South Shetland Islands: King George Island,

Maxwell Bay, near Suffield Point, 62°11'40"S 58°55'W, 80-88 m (MR 97a).

Type specimen location: ZMB, Berlin.

***Stomacontion hurleyi* Lowry & Stoddart, 1983b**

Lowry & Stoddart, 1983b: 294-299, figs. 8-11.

Barnard & Karaman, 1991: 534.

De Broyer & Jazdzewski, 1993: 75.

Distribution:**S**

Campbell Island: Perversance Harbour, 3 stations, 20-23 m; Smoothwater Bay, 3 stations, 10-18 m; Northwest Bay, 1 station, 6-8 m (L&S 83b).

The Snares: east end of Seal Point, 48°07'S 166°36'E, 2-4 m (bottom/habitat: brown algae); north side of Punui Bay: 12-15 m (bottom/habitat: bryozoans on vertical rock above *Lessonia* forest); 10-14 m, 16 m (bottom/habitat: green algae, on rock face); Trumpeter Bay, 3 stations, 0-22 m; off West side of Main Island, 1 station, 46 m (L&S 83b).

Depth range: 2-146 m.

Type-locality: The Snares: east end of Seal Point, 48°07'S 166°36'E, 2-4 m (bottom/habitat: brown algae); north side of Punui Bay: 12-15 m (bottom/habitat: bryozoans on vertical rock above *Lessonia* forest); 10-14 m, 16 m (bottom/habitat: green algae, on rock face) (L&S 83b).

Type specimen location: NMNZ, Wellington; AM Sydney.

***Stomacontion insigne* K.H. Barnard, 1932**

Barnard K.H., 1932: 33, fig. 4.

Barnard J.L., 1958e: 99.

Thurston & Allen, 1969: 368.

Lowry & Bullock, 1976: 106.

Lowry & Stoddart, 1983b: 299.

De Broyer, 1983: 227-228.

Barnard & Karaman, 1991: 534.

De Broyer & Jazdzewski, 1993: 75.

Distribution:**G**

Shag Rocks: *Discovery 1925-27*, sta. 160, 53°43'S 40°57'W, 177 m (bottom/habitat: grey mud, stones, rock; gear: large heavy dredge) (KHB 32).

Depth range: 177 m.

Type-locality: near Shag Rocks: *Discovery 1925-27*, sta. 160, 53°43'S 40°57'W, 177 m (bottom/habitat: grey mud, stones, rock; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.

***Stomacontion pepinii* (Stebbing, 1888)**

Stebbing, 1888: 720, pl. 33. (*Acontiosstoma kergueleni*).

Stebbing, 1888: 716, pl. 32. (*Acontiosstoma pepinii*).

Stebbing, 1899d: 206.

Stebbing, 1906: 16. (in part, part = *Stomacontion kergueleni*).

Schellenberg, 1931a: 6. (*Stomacontion kergueleni*).
 Schellenberg, 1931a: 5, fig. 1.
 Non Barnard K.H., 1937: 140. (*Stomacontion pepinii* = *Stomacontion capense*, fide Barnard K.H., 1940).
 Stephensen, 1947a: 33. (*Stomacontion pepinei*).
 Barnard J.L., 1958e: 99. (*Stomacontion kergueleni*).
 Barnard J.L., 1958b: 99.
 Thurston & Allen, 1969: 368. (*Stomacontion kergueleni*, *Stomacontion pepinii*).
 Arnaud, 1974: 546, 553, 556, tables 17, 18. (eco).
 Bellan-Santini & Ledoyer, 1974: 690.
 Lowry & Bullock, 1976: 106. (*Stomacontion pepinii*; *Stomacontion kergueleni*).
 Lowry & Stoddart, 1983b: 299-303, figs. 12-14.
 De Broyer, 1983: 226-227. (*Acontistoma pepinii*).
 Lowry & Stoddart, 1986: 744-745.
 Bellan-Santini & Ledoyer, 1987: 410.
 Barnard & Karaman, 1991: 534.
 Branch *et al.*, 1991: 14, fig. on p.14.
 Gonzalez, 1991a: 59, 59. (*Stomacontion kergueleni*).
 De Broyer & Jazdzewski, 1993: 75.
 De Broyer & Rauschert, 1999: 285, table 1.

Distribution: S+M

Falkland Islands: Port Albemarle, 40 m (bottom/habitat: sand, algae); Berkeley Sound, 16 m; Port William, 40 m; 53°45'S 61°10'W, 140-150 m (AS 31a).

Iles Kerguelen: *Challenger 1873-76*, sta. 149B, Passe Royale [Royal Sound], 49°28'S 70°30'E, 46 m (bottom/habitat: mud, gear: dredge); sta. 149D, 49°28'S 70°13'E, 51 m (bottom/habitat: mud, gear: dredge) (TRS 88); no loc. (KS 47a); Golfe du Morbihan, 30-108 m; Port Jeanne-d'Arc, 14-17 m; Anse Joliette, 10-54 m; Ile du Chat; Ile Australia, 24 m (BS&L 74).

Macquarie Island: Anchor Rock, 2 stations, 13-20 m; Aerial Cove, 6 stations, 3-6 m; Garden Bay, 2 stations, 5 m; Handspike Point, 2 stations, 0 m; Gorilla Head Rock, 2 stations, 9-12 m; Sandy Bay, 1 station, 16 m; Green Gorge, 3 stations, 8-18 m; Caroline Cove, 3 stations, 8-18 m; Tottan Head, 4 stations, 10-14 m; *Eltanin 16*, sta. 1418, 54°32'S 159°02'E, 86-101 m (gear: 10-foot Blake trawl); *Eltanin 27*, sta. 1973, 54°31'-30'S 158° 59-58'E, 29-37 m (gear: 5-foot Blake trawl); sta. 1974, 54°30-34'S 158°59'E, 112-124 m (gear: 5-foot Blake trawl); *Eltanin 34*, sta. 2215, 54°31'S 159°00'E, 110 m (gear: 5-foot Blake trawl) (L&S 83).

Magellan area: Bahia Borja, 18 m (bottom/habitat: algae); Puerto Condor, 90 m; Magellan Sound, 5-7 m (AS 31a).

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 15 BB 88, 46°57.7'S 37°59.9'E, 204 m (bottom/habitat: coarse sand); sta. 17 BB 97, 46°52.5'S 37°53.5'E, 110 m (bottom/habitat: muddy sand); sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 21 DC 117, 46°52.9'S 37°52.9'E, 50 m; sta. 21 DC 118, 46°53.3'S 37°52.8'E, 50 m (bottom/habitat: black sand); sta. 22 BB 125, 46°52.4'S 37°51.9'E, 31 m (bottom/habitat: sand); sta. 25 CP 134, 46°45.3'S 37°56.6'E, 185-232 m; sta. 34 DC 167, 46°50.2'S 37°51.2'E, 115 m (bottom/habitat: compact mud) (BS&L 87).

Depth range: 0-232 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149B, Passe Royale [Royal Sound], 49°28'S 70°30'E, 46 m (bottom/habitat: mud, gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Stomacontion pungapunga* Lowry & Stoddart, 1983b**

Lowry & Stoddart, 1983b: 303-306, figs. 15-17.

Lowry & Stoddart, 1986: 744.

Barnard & Karaman, 1991: 534.

De Broyer & Jazdzewski, 1993: 75.

Distribution:

S+

Campbell Island: Perseverance Harbour, cliffs west of Davis Point, 52°34'S 169°13'E, 23 m (bottom/habitat: sponge mat with yellow tubes and overlaying sediments from boulders; also encrusting yellow sponge with trapped sediment, large sponges, barnacles, mussels and sediment); Perseverance Harbour, 6 stations, 0-23 m; Windlass Bay, 2 stations, 3-6 m; Northwest Bay, 1 station, 9 m; Southeast Harbour, 2 stations, 8 m; Smoothwater Bay, 1 station, 10 m (L&S 83b).

The Snares: Off West side of Main Island, 1 station, 146 m (L&S 83b).

Depth range: 0-146 m.

Type-locality: Campbell Island: Perseverance Harbour, cliffs west of Davis Point, 52°34'S 169°13'E, 23 m (bottom/habitat: sponges with yellow tubes and overlaying sediments from boulders; also encrusting yellow sponge with trapped sediment, large sponges, barnacles, mussels and sediment) (L&S 83b).

Type specimen location: NMNZ, Wellington; AM, Sydney; NHM, London; USNM, Washington.

***Waldeckia arnaudi* (Bellan-Santini, 1972a)**

Bellan-Santini, 1972a: 205, pl. 22. (*Orchomene arnaudi*).

Lowry & Bullock, 1976: 95. (*Orchomene arnaudi*).

De Broyer, 1983: 215-216.

De Broyer & Jazdzewski, 1993: 78.

Distribution:

E

Adélie Coast: Cape Jules, 5-20 m (DBS 72a).

Depth range: 5-20 m.

Type-locality: Adélie Coast: Cape Jules, 5-20 m (DBS 72a).

Type specimen location: MCSN, Verona.

Remarks: Probably juvenile of *Waldeckia obesa*.

***Waldeckia chevreuxi* Stebbing, 1910a**

Stebbing, 1910a: 572, pl. 47B.

Chilton, 1912a: 473.

Chilton, 1921d: 40, fig. 2.

Chilton, 1922b: 4.

Barnard J.L., 1958e: 102.

Barnard J.L., 1974b: 144. (possible junior synonym of *Waldeckia nitens*).
 ? Bellan-Santini & Ledoyer, 1974: 690, pl. 32. (questioned by Barnard & Karaman, 1991).
 Lowry & Bullock, 1976: 112.
 Barnard & Karaman, 1991: 542.
 De Broyer & Jazdzewski, 1993: 78. (*Waldeckia* sp.)
 Lowry & Stoddart, 2003: 171-172.

Distribution:

?S+

? **Iles Kerguelen:** Port-aux-Français (BS&L 74).

Depth range: 82-108 m.

Type-locality: Australia: off Wata Mooli, 82-108 m (TRS 10a).

Extralimital distribution: Australia; New Zealand.

Extralimital depth range: Sublittoral.

Type specimen location: NHM, London? Type lost (Lowry & Stoddart, 2003).

Waldeckia obesa (Chevreux, 1905d)

Chevreux, 1905d: 163, fig. 3. (*Charcotia obesa*).
 Chevreux, 1906e: 15, figs. 8-10.
 Stebbing, 1906: 718. (*Charcotia obesa*).
 Walker, 1906a: 454. (*Charcotia obesa*).
 Walker, 1907: 10, pl. 2: fig. 4.
 Chevreux, 1911b: 403.
 Chilton, 1912a: 471. (*Waldeckia zschauui*).
 Chevreux, 1913c: 91.
 Chilton, 1913: 56. (*Waldeckia zschauui*).
 Schellenberg, 1926a: 253, fig. 9.
 Barnard K.H., 1930: 323, fig. 1a.
 Barnard K.H., 1932: 43.
 Nicholls, 1938: 16, fig. 4.
 Stephensen, 1947a: 33.
 Dahl, 1954: 281.
 Barnard J.L., 1958e: 102.
 Bellisio, 1966: 52, fig. 27.
 Arnaud, 1970: 261. (eco).
 Bellan-Santini, 1972a: 218.
 Castellanos, 1973: 12, 16.
 Arnaud, 1974: 536, 568, 569, 574, 592, tables 22, 23. (eco).
 Thurston, 1974b: 64, fig. 25.
 Lowry & Bullock, 1976: 112-113.
 Jazdzewski, 1981: 134, 135. (eco).
 Lincoln & Hurley, 1981: 108, fig. 2b.
 De Broyer, 1983: 216-217, photos. 10-12.
 Arnaud *et al.*, 1986: 17, tab. I.
 Presler, 1986: 37. (eco).
 Voss, 1988: 54.
 Nagata, 1986: 255-257, figs. 7-8.
 Barnard & Karaman, 1991: 542.
 Ren & Huang, 1991: 255, fig. 43; 255-258, 310-311, figs. 44-45. (*Waldeckia robusta*).
 Coleman, 1991b: 4-8, figs. 2-3.
 Klages, 1991: 50.
 Rauschert, 1991: 37.
 Jazdzewski *et al.*, 1992: 465, 469.

De Broyer & Jazdzewski, 1993: 16, 78.
 Gomes *et al.*, 1993: 109-112. (chr).
 De Broyer *et al.*, 1999: 166.
 Jazdzewski & Konopacka, 1999: 317. (eco).
 Gutt *et al.*, 2000: 80-83.
 Olaso *et al.*, 2000: 143-158. (eco).
 Dauby *et al.*, 2001a: 69-86. (eco).
 Dauby *et al.*, 2001b: 657-662. (eco).
 De Broyer *et al.*, 2001: 744-753. (eco)
 Graeve *et al.*, 2001: 853-862. (eco).
 ? Takeuchi *et al.*, 2001: 653-655 (*Waldeckia* cf. *obesa*).
 Nyssen *et al.*, 2002: 280-287. (eco).
 Garcia *et al.*, 2003: 59-63. (par).
 Lovell & Trego, 2003: 1814-1815, table 9.
 De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution:

E+W(+Ba)

Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 527-549 m (GEN 38); Géologie Archipelago, 15-140 m; Cape Géodésie, 66°40'S 139°51'E, 115-240 m (DBS 72a); 240 m; Dumont d'Urville, 50 m (CDB 83).
Coats Land: 74°01'S 22°W, 290 m (CC 12a).
Danco Coast: Paradise Harbour, Coughtrey Peninsula, 60-80 m, 'Point Piedras', 40-50 m (ZJC 73).
Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a); *Aurora 1912-14*, sta. 9, 439 m; sta. 12, 201 m (GEN 38).
Enderby Land: Kita-no-seto Strait, 9 m (gear: baited trap) (KN 86); Lützw-Holm Bay, 171-353 m (gear: baited trap) (IT *et al.* 01).
Princess Ragnhild Coast: *EAB 1960-61*, *EABN 1964-65*, *EABN 1965-66*, 8 sta., Breid Bay, 170-450 m (CDB 83).
Palmer Archipelago: Anvers Island, Biscoe Bay, 64°50'S, 110 m; Peltier Channel, 92 m (EC 13c); *Discovery 1925-27*, sta. 184, Fournier Bay, 36 m (bottom/habitat: mud; gear: large fish trap); sta. 189, Port Lockroy, 7 m (gear: large fish trap) (KHB 32); Port Lockroy, 90-120 m (bottom: clay, stones and a few algae) (KS 47a); 37 m, Goudier Island, low tide (MHT 74b).
Ross Sea: *Discovery 1901-04*, Mc Murdo Sound, Winter Quarters Bay (AOW 07); *Terra Nova 1910*, sta. 316, McMurdo Sound, 348-5-457 m; sta. 339, 256 m (KHB 30); 'Discovery Inlet', 550 m (ED 54).
South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge); sta. 172, Deception Island, 62°59'S 60°28'W, 525 m (bottom/habitat: rock; gear: large heavy dredge); King George Island, 62°11'-14'S 58°52'-58'W (MR 91); 14-42 m; Admiralty Bay, 62°07'S 58°28'W, 391 m (KHB 32);); Arctowski Station (in penguin stomach) (KJ 81); (gear: baited trap) (PPR 86), 15-145 m (gear: Van Veen grab) (KJ *et al.* 92); 63°22.5'S 60°34.3'W, 478 m; 62°51.6'S 61°06'W, 302 m; 62°12.2'S 58°55'W, 100 m (R&H 91); Arctowski Station (in Antarctic tern stomach) (KJ & K 99); *Polarstern ANT VI/2*, Elephant Island (gear: commercial fishery bottom-trawl) (COC 91); King George Island, Admiralty Bay (FG *et al.* 03); King George Island, 62°16'S 60°38'W, 160 m (gear: otter trawl); Livingston Island, 62°45'S 60°11'W, 165 m (gear: otter trawl) (L&T 03).
Weddell Sea: *Scotia 1902-04*, sta. 411, Coats Land, 74°1'S

22° 00'W, 294 m (CC 12a); eastern shelf (MK 91; CDB *et al.* 99), *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 12 BT 05, South of Vestkapp, 73°18.10'S 21°10.10'W, 459 m (gear: bottom trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl); sta. 16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01); 80-1030 m (CDB *et al.* 01), (FN *et al.* 02); *Polarstern ANT VII/4 (EPOS III)*, sta. 228, Halley Bay, 75°14.4'S 26°42.1'W, 339 m (gear: baited trap); sta. 275, Kapp Norvegia, 71°39.5'S 12°04.4'W, 236 m (gear: baited trap); *Polarstern XIII/3*, sta. 04, Kapp Norvegia, 71°40.6'S 12°31'W, 421 m (gear: baited trap); sta. 05, Kapp Norvegia, 71°40.2'S 12°45.3'W, 223 m (gear: baited trap); sta. 06, Kapp Norvegia, 71°31.5'S 13°31.4'W, 234 m (gear: baited trap); sta. 12, Vestkapp, 73°15.7'S 21°04.8'W, 791 m (gear: baited trap); sta. 28, Kapp Norvegia, 71°29.6'S 12°21.2'W, 219 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 11/25, Drescher Inlet, 72°50.8'S 19°55.5'W, 377 m (gear: baited trap); sta. 38/75, Kapp Norvegia, 70°59'S 11°09.1'W, 389 m (gear: baited trap); sta. 094/119, Vestkapp, 73°35.7'S 22°23.4'W, 813 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 102/122, Vestkapp, 73°36'S 22°00.5'W, 396 m (gear: baited trap); sta. 138/155, Halley Bay, 74°39.8'S 27°13.1'W, 798 m (gear: baited trap); sta. 152, Halley Bay, 74°36.8'S 26°53.9'W, 597 m (gear: baited trap); sta. 160/179, Halley Bay, 74°40'S 26°57.9'W, 403 m (gear: baited trap); sta. 202/233, Kapp Norvegia, 70°57'S 11°40.6'W, 808 m (gear: baited trap); sta. 203/234, Kapp Norvegia, 70°58.8'S 11°39.4'W, 442 m (gear: baited trap); sta. 251/267, Drescher Inlet, 72°47.8'S 19°31.4'W, 895 m (gear: baited trap); sta. 280/284, Atka Bay, 70°27.4'S 07°55.9'W, 550 m (gear: baited trap) (CDB *et al.* 04).

Wilhelm Archipelago: Booth Island (EC 05d).

Depth range: 0-1030 m.

Type-locality: Palmer Archipelago: Anvers Island, Biscoe Bay, 64°50'S, 110 m; Booth Island (EC 06e).

Type specimen location: MNHN, Paris

***Waldeckia* sp. Takeuchi et al. 2001**

Takeuchi *et al.*, 2001: 654.

Distribution: E

Enderby Land: Lütow-Holm Bay, 67°43'15"S 44°27'71"E, 353 m (gear: baited trap) (IT at al. 01).

Depth range: 353 m.

Subfamily Tryphosinae Lowry & Stoddart, 1997

***Allogaussia galeata* Schellenberg, 1926a**

Schellenberg, 1926a: 249, fig. 7.

Barnard J.L., 1958e: 88.

Hurley, 1963: 133.

Barnard J.L., 1964e: 88, fig. 8e, (in key). (*Orchomene galeata*).

Lowry & Bullock, 1976: 97. (*Orchomene galeata*).

De Broyer, 1983: 131-132, fig. 36a-b.

Barnard & Karaman, 1991: 509 (*Orchomene galeatus*).

De Broyer & Jażdżewski, 1993: 65.

Distribution:

E(P?)

Davis Sea: Gaussberg, 0?-170 m (AS 26a).

Depth range: 0?-170 m.

Type-locality: Davis Sea: Gaussberg, 0?-170 m (AS 26a).

Type specimen location: ZMB, Berlin.

?*Allogaussia navicula* (K.H. Barnard, 1932)

Barnard K.H., 1932: 65, fig. 25.

Hurley, 1963: 133.

Barnard J.L., 1964e: 88, fig. 8j, (in key). (*Orchomene navicula*).

Thurston & Allen, 1969: 354.

Lowry & Bullock, 1976: 98. (*Orchomene navicula*).

De Broyer, 1985b: 736. (quest. gen.).

Barnard & Karaman, 1991: 509. (*Orchomene naviculus*).

De Broyer & Jażdżewski, 1993: 65.

Distribution:

W

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Depth range: 200-342 m.

Type-locality: Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.

***Allogaussia paradoxa* (Schellenberg, 1926a)**

Schellenberg, 1926a: 246, fig. 5.

Barnard J.L., 1958e: 88.

Hurley, 1963: 133.

Barnard J.L., 1964e: 84, 88, fig. 8n, (in key). (*Orchomene paradoxa*).

Lowry & Bullock, 1976: 98-99. (*Orchomene paradoxa*).

De Broyer, 1983: 129-130, fig. 35a, 35b.

Barnard & Karaman, 1991: 509. (*Orchomene paradoxus*).

De Broyer & Jażdżewski, 1993: 65.

Distribution:**Davis Sea:** Gaussberg, 70 m (AS 26a).**Depth range:** 70 m.**Type-locality:** Davis Sea: Gaussberg, 70 m (AS 26a).**Type specimen location:** ZMB, Berlin.**E(P?)**

Barnard K.H., 1932: 48, 315.
 Nicholls, 1938: 23, fig. 8.
 Stephensen, 1938c: 236.
 Stephensen, 1947a: 31.
 Barnard J.L., 1958e: 90.
 Barnard J.L., 1969c: 314.
 Everson, 1970: 25, 46.(prd).
 Bellan-Santini, 1972a: 193.
 Bellan-Santini, 1972b: 689, pls. 4, 5.
 Bregazzi, 1972a: 5-14, fig. 2, 8. (eco, bio).
 Bregazzi, 1972b: 21-31. (eco).
 Bregazzi, 1973a: 69. (bio, emb).
 Bregazzi, 1973b: 18.(eco, eth).
 Castellanos, 1973: 13, 14. (eco).
 Arnaud, 1974: 562, 564, tables 20, 21. (eco).
 Bellan-Santini & Ledoyer, 1974: 681.
 Thurston, 1974a: 14, fig. 6a-c.
 Thurston, 1974b: 50.
 Lowry & Bullock, 1976: 85-86.
 Jazdzewski, 1981: 34, 135. (eco).
 Andres, 1983: 185.
 De Broyer, 1983: 175-181.
 Arnaud *et al.*, 1986: 16, tab. I.
 Presler, 1986: 37. (eco).
 Bellan-Santini & Ledoyer, 1987: 406.
 Wakabara *et al.*, 1990: 4, 6.
 Barnard & Karaman, 1991: 475.
 Branch *et al.*, 1991: 13, fig. on p.13.
 Jazdzewski *et al.*, 1991: 110.
 Rauschert, 1991: 37.
 Jazdzewski *et al.*, 1992: 465, 469.
 De Broyer & Jazdzewski, 1993: 66.
 Jazdzewski *et al.*, 1996: 371.
 Jazdzewski & Konopacka, 1999: 317. (eco).
 Jazdzewski *et al.*, 2001a: 569-577. (eco).
 Jazdzewski *et al.*, 2001b: 910-917. (eco).

Cheirimedon crenatipalmatus Stebbing, 1888

Stebbing, 1888: 638, pl. 12.

Della Valle, 1893: 837.

Walker, 1903a: 42, pl. 7, figs. 7-12. (*Cheirimedon hansonii*).

Stebbing, 1906: 67.

Walker, 1907: 9. (*Cheirimedon hansonii*).

Schellenberg, 1926a: 264, fig. 14.

Barnard J.L., 1958b: 90.

Thurston & Allen, 1969: 357.

Mills, 1972a: 74, table 1.

Arnaud, 1974: 564. (eco). (*Cheirimedon hansonii*).

Lowry & Bullock, 1976: 85.

De Broyer, 1983: 173-174.

Barnard & Karaman, 1991: 475.

Ren & Huang, 1991: 241-242, fig. 33.

De Broyer & Jazdzewski, 1993: 66.

De Broyer *et al.*, 2004: 1740, table 3. (eco).**Distribution:****E+W+S(+Ba)****Davis Sea:** 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).**Iles Kerguelen:** *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88).**Ross Sea:** *Southern Cross 1898-1900*, Cape Adare, 12-36 m (AOW 03a).**South Shetland Islands:** 62°11.7'S 58°48.5'W, 230 m; 63°22.5'S 60°34.3'W, 478 m (R&H 91).**Weddell Sea:** *Polarstern ANT XIII/3 (EASIZ I)*, sta. 12, Vestkapp, 73°15.7'S 21°04.8'W, 791 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 152, Halley Bay, 74°36.8'S 26°53.9'W, 597 m (gear: baited trap) (CDB *et al.* 04).**Depth range:** 12-791 m.**Type-locality:** Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88).**Type specimen location:** NHM, London.**Cheirimedon femoratus (Pfeffer, 1888)**Pfeffer, 1888: 93, pl. 2: fig. 2. (*Anonyx femoratus*).Chevreux, 1905d: 159, fig. 1. (*Cheirimedon dentimanus*).Chevreux, 1906e: 2, figs. 1-4. (*Cheirimedon dentimanus*).Stebbing, 1906: 86. (*Anonyx femoratus*).Stebbing, 1906: 720. (*Cheirimedon dentimanus*).

Chilton, 1912a: 467.

Chevreux, 1913c: 92. (*Cheirimedon dentimanus*).

Chilton, 1913: 57.

Schellenberg, 1931a: 30.

Distribution:**E+W+G+S****Adélie Coast:** Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 5-45 m (GEN 38); Géologie Archipelago, 15-20 m; Cape Jules, 66°44'S-140°55'E, 15-20 m (DBS 72a).**Bellinghausen Sea:** *SAE 1968*, Peter I Island, 10-25 m (CDB 83).**Iles Crozet:** Ile de la Possession, Crique du Navire (BS&L 74).**Danco Coast:** Paradise Harbour, 'Point Vidt', low tide-25 m (ZJC 73).**Iles Kerguelen:** Golfe du Morbihan, 100 m (CDB 83).**Marguerite Bay:** Dion Islands, 9 m (MHT 70).**Prince Edward Islands:** *Marion Dufresne 08*, sta. 10 CL 76, 46°52.8'S 37°52.5'E, 45 m; sta. 11 CL 77, 46°52.2'S 37°53.9'E, 115-120 m; sta. 18 RK 109, 46°49.8'S 37°56.4'E, 138 m; sta. 24 CC 128, 46°52.8'S 37°52.5'E, 52 m; sta. 31 DC 156, 46°59.05'S 37°46.06'E, 185 m (bottom/habitat: black sand and gravels); sta. 31 BB 157, 46°59.5'S 37°46.8'E, 192 m (bottom/habitat: sand) (BS&L 87).**Palmer Archipelago:** Wiencke Island, 20-40 m (EC 06e); *Discovery 1925-27*, sta. 179, Schollaert Channel, Melchior

Islands, 4-10 m (bottom/habitat: rock; gear: small dredge); sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stone, mud, rock; gear: large rectangular net, large heavy dredge) (KHB 32); Port Lockroy, 50 m (KS 47a), low tide-27 m; Goudier Island, low tide; Peltier Channel, 18 m (MHT 74b).

South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88); off Grytviken, 12-15 m (bottom/habitat: sand, algae); Cumberland Bay, 250 m (bottom/habitat: soft clay); Cumberland Bay, 75 m (bottom/habitat: clay, algae); Cumberland Bay, 250-310 m (AS 31a); *Discovery 1925-27*, sta. 145, Stromness Harbour, 26-35 m (bottom/habitat: weedy ground; gear: small beam trawl); sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl) (KHB 32); Godthul Bay, 55 m; 'Hystadhullet', 40 m; 'Coral Bay', 14 m (KS 38c); *Walther Herwig 1977-78*, sta. 495, 54°09'S 36°48'W, 0-110 m (bottom: 110 m; gear: RMT) (HGA 83).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, 7-18 m (bottom/habitat: gravel, clumps of weeds; gear: dredge); sta. 326A, Browns Bay (CC 12a); *Discovery 1925-27*, sta. 165, Signy Island, Dove Strait, 24-36 m (gear: large fish trap; from stomach of *Notothenia*) (KHB 32); Signy Island, Factory Cove, Borge Bay (gear: baited trap) (PKB 73b); Borge Bay, 1-12 m, Paal Harbour, 5-25 m (MHT 74a).

South Sandwich Islands: Zavodovski Island, 56°17'S 27°30'W; Visokoi Island, 55-91 m (KS 38c).

South Shetland Islands: Pendulum Cove, littoral (EC 13c); *Discovery 1925-27*, sta. 173, Port Foster, 5-60 m (gear: tow-net of coarse silk); sta. 174, Deception Island, 5-10 m (gear: large fish trap) (KHB 32); Deception Island, 0 m (MHT 74b); *PAMRE I*, sta. 49c, King George Island, 80 m (CDB 83); 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90); 62°11'14"S 58°52'-58'W (MR 91); King George Island, Admiralty Bay, Arctowski Station (in penguin stomach)(KJ 81); Admiralty Bay (gear: baited net) (PPr 86); King George Island, Admiralty Bay, 4-90 m (gear: SCUBA, with Tvärminne sampler; Van Veen grab) (KJ *et al.* 91, 92); King George Island, Admiralty Bay, Arctowski Station, (in Antarctic tern stomach) (KJ & K 99), 0 m (KJ *et al.* 01a, 01b).

Trinity Peninsula: Seymour Island (bottom/habitat: from a surface drifting algae) (AS 31a).

Wilhelm Archipelago: Booth Island, 20-40 m, Port Charcot, 20 m (EC 06e).

Depth range: 0-310 m.

Type-locality: South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88).

Type specimen location: ZMH, Hamburg.

Cheirimedon fougneri Walker, 1903a

Walker, 1903a: 41, pl. 7, figs. 1-6.

Stebbing, 1906: 720.

Non Walker, 1907: 9. (*Cheirimedon fougneri* = *Cheirimedon similis*).

Non Schellenberg, 1926a: 263, fig. 13. (*Cheirimedon fougneri* = *Cheirimedon similis*).

Non Barnard K.H., 1930: 326. (*Cheirimedon fougneri* = *Cheirimedon similis*).

Nicholls, 1938: 23. (in part; part = *Cheirimedon similis*).

Shoemaker, 1945d: 289. (in part; part = *Cheirimedon similis*).

Barnard J.L., 1958e: 90.

Emison, 1968: 203, fig. 10, tables 10-12.

Barnard J.L., 1969c: 314.

Thurston & Allen, 1969: 357.

Bellan-Santini, 1972b: 689, pls. 6, 7.

Arnaud, 1974: 572. (eco).

Thurston, 1974b: 50, figs. 17, 18, 19a-e, table 1.

Lowry & Bullock, 1976: 86.

De Broyer, 1983: 184. (questioned genus).

Klages, 1991: 50.

De Broyer & Jażdżewski, 1993: 66.

Barnard & Karaman, 1991: 475.

La Mesa *et al.*, 2004: 724, table 2. (eco).

Distribution:

E+W(+P)

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E (GEN 38); no loc. (DBS 72b).

Palmer Archipelago: 'East Base' (CRS 45d).

Queen Mary Coast: Shackleton Glacier, 66°18'S 54°58'E (GEN 38).

Ross Sea: *Southern Cross 1898-1900*, 78°35'S ?°E, surface (AOW 03a); Bay of Whales (CRS 45d); Cape Crozier (WBE 68); Terra Nova Bay, between Campbell Glacier Tongue and Cape Russell, from stomach content of *Trematomus bernacchii* (ML *et al.* 04).

Weddell Sea: eastern shelf (MK 91).

Depth range: surface (0 m).

Type-locality: Ross Sea: *Southern Cross 1898-1900*, 78°35'S, surface (AOW 03a).

Type specimen location: NHM, London.

Cheirimedon similis Thurston, 1974b

Thurston, 1974b: 54, figs. 19f-i, 20, 21, table 1.

Walker, 1907: 9. (*Cheirimedon fougneri*).

Schellenberg, 1926a: 263, fig. 13. (*Cheirimedon fougneri*).

Barnard K.H., 1930: 326. (*Cheirimedon fougneri*).

? Nicholls, 1938: 23. (*Cheirimedon fougneri*, in part; questioned by Thurston, 1974b).

Shoemaker, 1945d: 289. (*Cheirimedon fougneri*, in part).

Lowry & Bullock, 1976: 86.

Lincoln & Hurley, 1981: 108.

De Broyer, 1983: 185-192, figs. 50-52. (questioned genus).

Slattery & Oliver, 1986: 173.

Barnard & Karaman, 1991: 475.

De Broyer & Jażdżewski, 1993: 66.

Distribution:

E+W(+P)

Adélie Coast: Géologie Archipelago (CDB 83)

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a); Mirnyj Station, 2-3 m (under sea ice); *PABE I*, sta. D2, 68 m (CDB 83).

Enderby Land: *PABE I & III*, 3 sta., Alasheyev Bight, near

Molodezhnaya Station, 2-3 m (under sea ice); *PABE III*, 2 sta., Cape Kogot, 25-35 m (CDB 83).

Marguerite Bay: Stonington Island, surface (MHT 74b).

Lazarev Sea: *SAE 1955-58, Ob*, near Novolazarevskaya Station, 5-10 m (CDB 83).

Ross Sea: *Discovery 1901-04*, Mc Murdo Sound, Winter Quarters Bay, Hut Point, 7 m (AOW 07); *Terra Nova 1910*, sta. 356, McMurdo Sound, 92 m (KHB 30); Mc Murdo Sound (gear: baited traps) (S&O 86).

Depth range: 0-385 m (cryopelagic and benthopelagic).

Type-locality: Marguerite Bay: Stonington Island, surface (MHT 74b).

Type specimen location: NHM, London.

Cheirimedon solidus Andres, 1986

Andres, 1983: 185. (*Cheirimedon similis*).

Andres, 1986: 120-123, figs. 5-6.

Barnard & Karaman, 1991: 475.

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 66.

Distribution: E(+P)

Weddell Sea: *Polarstern ANTI*, sta. 211, 77°36'S 18°39.3'W, 0-99 m (bottom: 1900 m) (HGA 86); eastern shelf (MK 91).

Depth range: 0-99 m (epipelagic?).

Type-locality: Weddell Sea: *Polarstern ANTI*, sta. 211, 77°36'S 18°39.3'W, 0-99 m (bottom: 1900 m) (HGA 86).

Type specimen location: ZMH, Hamburg.

Falklandia reducta (Schellenberg, 1931a)

Schellenberg, 1931a: 49, fig. 26. (*Orchomenopsis reducta*).

Ruffo, 1949: 10, 11, fig. 1. (*Orchomenella reducta*).

Barnard J.L., 1958e: 97. (*Orchomenella reducta*).

Barnard J.L., 1964e: 89, (in key). (*Orchomene reducta*).

Lowry & Bullock, 1976: 100. (*Orchomene reducta*).

Shulenberg & Barnard, 1976: 248. (*Orchomene reducta*).

De Broyer, 1983: 164, figs. 40-45.

De Broyer, 1985c: 303-312, figs. 1-6.

De Broyer & Jazdzewski, 1993: 68.

Barnard & Karaman, 1991: 487.

Distribution: E+M(+Ba)

Bellingshausen Sea: *Belgica 1897-99*, 70°15'S 85°06'W, 569 m (SR 49).

Falkland Islands: 52°29'S 60°36'W, 197 m (AS 31a).

Depth range: 197-569 m.

Type-locality: Falkland Islands: 52°29'S 60°36'W, 197 m (AS 31a).

Type specimen location: NRS, Stockholm.

Hippomedon hake Lowry & Stoddart, 1983b

Lowry & Stoddart, 1983b: 365-369, fig. 60-62.

Distribution: S

The Snares: Ho Ho Bay, 48°07'S 166°36'E, 30 m (bottom/habitat: coarse shelly sand); north side of Punui Bay, 27-50 m (bottom/habitat: bryozoans, coarse shelly sand) (L&S 82).

Depth range: 27-50 m.

Type-locality: The Snares: Ho Ho Bay, 48°07'S 166°36'E, 30 m (bottom/habitat: coarse shelly sand) (L&S 82).

Extralimital distribution: New Zealand, Stewart Island, Port Pegasus, 47°10'S 167°44'E, 37 m (bottom/habitat: sand) (L&F 83).

Extralimital depth range: 37 m.

Type specimen location: NMNZ, Wellington.

Hippomedon incisus K.H. Barnard, 1930

Barnard K.H., 1930: 325, fig. 5.

Barnard J.L., 1958e: 92.

Birstein & Vinogradov, 1962b: 38-39, figs. 3, 4.

Barnard J.L., 1964a: 7, (in key).

Lowry & Bullock, 1976: 90.

Barnard & Karaman, 1991: 490.

De Broyer & Jazdzewski, 1993: 68.

Distribution: S+(P?)

Auckland Islands: *SAE 1955-58, Ob*, sta. 75, 50°22'S 167°01'E, 0-150 m (bottom: 124 m; gear: plankton net) (B&V 62b).

Depth range: 0-150 m.

Type-locality: New Zealand: *Terra Nova 1910*, sta. 242, off Akaroa Heads (KHB 30).

Extralimital distribution: New Zealand, *Terra Nova 1910*, sta. 242, off Akaroa Heads (KHB 30).

Extralimital depth range:

Type specimen location: NHM, London.

Hippomedon kergueleni (Miers, 1875a)

Miers, 1875a: 74. (*Lysianassa kergueleni*).

Miers, 1879: 207, pl. 11, fig. 4. (*Anonyx kergueleni*).

Stebbing, 1888: 625, pl. 8.

Della Valle, 1893: 808. (*Hippomedon holbolli*, in part).

Thomson, 1902: 3.

Walker, 1903a: 51. (*Hoplonyx kergueleni*, in part).

Stebbing, 1906: 69, 720. (*Tryphosa kergueleni*).

Walker, 1907: 16. (*Tryphosa kergueleni*, in part; part = *Tryphosella carinata*).

? Chilton, 1909b: 617. (*Tryphosa kergueleni*).

Strauss, 1909: 46, pl. 5, figs. 30-35, pl. 6, fig. 36. (*Tryphosa kergueleni*).

Shoemaker, 1914: 74. (*Tryphosa kergueleni*).

? Schellenberg, 1926a: 266, fig. 15. (questioned by Barnard J.L., 1962d). (*Tryphosa kergueleni*).

Schellenberg, 1926b: 195. (*Tryphosa kergueleni*).

Non Barnard K.H., 1930: 327. (*Tryphosa kergueleni* = *Tryphosella major*).

Schellenberg, 1931a: 34. (*Tryphosa kergueleni*).
 Barnard K.H., 1932: 49, fig. 13. (*Tryphosa kergueleni*).
 Monod & Dollfus, 1932: 73. (*Tryphosa kergueleni*).
 Nicholls, 1938: 25, fig. 10. (*Tryphosa kergueleni*).
 Stephensen, 1938c: 237. (*Tryphosa kergueleni*).
 Stephensen, 1947a: 34. (*Tryphosa kergueleni*).
 Barnard J.L., 1958e: 101. (*Tryphosa kergueleni*).
 ? Barnard J.L., 1962d: 30, 31, fig. 15, tables 7b, 9, (in key).
 (questioned by Thurston, 1974a). (*Tryphosa kergueleni*).
 Gurjanova, 1962: 101, (in key).
 Barnard J.L., 1964a: 8, fig. 30, (in key).
 Bellan-Santini, 1965a: 161, 163.
 Barnard J.L., 1967a: 38, 39, 42, table 1.
 Thurston & Allen, 1969: 371. (*Tryphosa kergueleni*).
 Everson, 1970: 25, 46. (*Tryphosa kerguelensis*). (eco).
 Bellan-Santini, 1972b: 691, pl. 8.
 Bregazzi, 1972a: 15-30, fig. 2, 23. (*Tryphosella kergueleni*).
 (eco, bio).
 Bregazzi, 1972b: 21-31. (*Tryphosella kergueleni*). (eco).
 Mills, 1972a: 74, table 1. (*Tryphosella kergueleni*).
 Bregazzi, 1973a: 63-69. (*Tryphosella kergueleni*). (bio, emb).
 Bregazzi, 1973b: 18-31. (*Tryphosella kergueleni*). (eco, eth).
 Bellan-Santini & Ledoyer, 1974: 685.
 Thurston, 1974a: 17, figs. 6 o, 7a-u. (*Tryphosella kergueleni*).
 Thurston, 1974b: 58.
 Lowry & Bullock, 1976: 90-91.
 Jazdzewski, 1981: 134, 135. (eco).
 Lincoln & Hurley, 1981: 108. (*Tryphosella kergueleni*).
 Lowry & Stoddart, 1983a: 369.
 Arnaud *et al.*, 1986: 16, tab. I.
 Presler, 1986: 37. (eco).
 Slattery & Oliver, 1986: 173.
 Bellan-Santini & Ledoyer, 1987: 407.
 Barnard & Karaman, 1991: 490.
 Branch *et al.*, 1991: 13, 40, fig. on p.13.
 Jazdzewski *et al.*, 1991: 110.
 Klages, 1991: 50.
 Rauschert, 1991: 37.
 Ren & Huang, 1991: 252-253, fig. 40.
 Jazdzewski *et al.*, 1992: 465, 469.
 De Broyer & Jazdzewski, 1993: 68.
 Jazdzewski *et al.*, 1996: 371.
 Jazdzewski & Konopacka, 1999: 317. (eco).
 Gutt *et al.*, 2000: 80-83.
 Jazdzewski *et al.*, 2001a: 569-577. (eco).
 Jazdzewski *et al.*, 2001b: 910-917. (eco).

Distribution: **E+W+G+S(+Ba)**

Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 518-540 m (GEN 38); no loc. (DBS 72b).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Iles Kerguelen: Passe Royale [Royal Sound] (EJM 75a); *Challenger 1873-76*, sta. 149, Baie Accessible, 49°08'S 70°12'E, 37 m (bottom/habitat: mud; gear:dredge); sta. 149H, Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud; gear:dredge) (TRS 88); Baie de l'Observatoire (AS 26c); Port Couvreur (M&D 32); Golfe du Morbihan, Fjord Bossière, 10-15 m (BS&L 74).

Marguerite Bay: Stonington Island, Dion Islands, 9 m (bottom/habitat: from fish stomach) (MHT 74b).

Prince Edward Islands: *Marion Dufresne 08*, sta. 10 CL 76, 46°52.8'S 37°52.5'E, 45 m; sta. 11 CL 77, 46°52.2'S 37°53.9'E, 115-120 m; sta. 21 DC 118, 46°53.3'S 37°52.8'E, 50 m (bottom/habitat: black sand); sta. 22 DC 124, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand); sta. 24 CC 128, 46°52.8'S 37°52.5'E, 52 m; sta. 31 DC 156, 46°59.05'S 37°46.06'E, 185 m (bottom/habitat: black sand and gravels); sta. 31 BB 157, 46°59.5'S 37°46.8'E, 192 m (bottom/habitat: sand) (BS&L 87).

Palmer Archipelago: Port Lockroy, low tide (bottom/habitat: among clumps of Rhodophyceae); Goudier Island, Boat harbour, low tide (bottom/habitat: under stones) (MHT 74b).

Queen Mary Coast: Shackleton Glacier, 66°18'S 54°58'E (GEN 38).

Ross Sea: Cape Adare, 47 m, Duke of York Island, 11 m; Cape Wadworth, 14-27 m; Mc Murdo Sound, Winter Quarters Bay (AOW 03a); Mc Murdo Sound (gear: baited traps) (S&O 86).

? **The Snares:** no loc. (CC 09b).

South Georgia: Bay of Isles, 9 m (CRS 14); Cumberland Bay, 75-310 m (bottom/habitat: clay); mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a), *Discovery 1925-27*, sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: tow-net of coarse silk, nets); sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: large otter trawl, nets); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: tow-net of coarse silk, nets) (KHB 32); 'Hystadhullet', 16 m; Coal Harbour, 12-19 m (KS 38c); no loc. (MHT 74b).

South Orkney Islands: *Discovery 1925-27*, sta. 165, Signy Island, Dove Strait, 24-36 m (bottom/habitat: from stomach of *Notothenia*; gear: large fish trap) (KHB 32); Factory Cove, Borge Bay, littoral-20 m (PKB 72a); Signy Island, Borge Bay, 5-20 m; Paal Harbour, 20-25 m (MHT 74a); no loc. (bottom/habitat: from stomach contents of *Mirounga leonina*) (MHT 74b).

South Sandwich Islands: Visokoi Island, 55-91 m (KS 47a); Saunders Island (MHT 74b).

South Shetland Islands: *Discovery 1925-27*, sta. 174, Deception Island, 5-10 m (gear: large fish trap) (KHB 32); Deception Island, 75 m; Bridgeman Island, 750 m (KS 47a); Deception Island (bottom/habitat: from stomach contents of unidentified nototheniid fish and *Trematomus* sp.) (MHT 74b); 61°29.4'S 57°43'W, 462 m (R&H 91); King George Island, Admiralty Bay, Arctowski Station (in penguin stomach) (KJ 81); King George Island, 62°11'-14'S 58°52'-58'W (MR 91); King George Island, Admiralty Bay, 4-145 m (gear: SCUBA, with Tvärminne sampler; Van Veen grab) (KJ *et al.* 91, 92); King George Island, Admiralty Bay, Arctowski Station, (in Antarctic tern stomach) (KJ & K 99), 0 m (KJ *et al.* 01a, 01b).

Trinity Peninsula: 63°36'S 55°48'W, 100-150 m (bottom/habitat: gravel, stones) (AS 31a); Hope Bay, Hut Cove, 9 m (bottom/habitat: in stomach contents of *Notothenia coriiceps*) (MHT 74b).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3*

(*EASIZ I*), sta. 24 AGT 06, Kapp Norvegia, 71°08.15'S 11°32.25'W, 123 m (gear: Agassiz trawl) (JG *et al.* 00).

Depth range: 0-750 m.

Type-locality: Iles Kerguelen: Passe Royale [Royal Sound] (EJM 75a).

Extralimital distribution: ? Angola Basin: *Vema 12*, sta. 22, 5°53.5'S 9°51.5'E, 3015 m (gear: small benthic trawl) (JLB 62d).

Extralimital depth range: ? 3015 m.

Type specimen location:

***Hippomedon macrocephalus* Bellan-Santini, 1972a**

Bellan-Santini, 1972a: 195, pls. 16, 17. (?*Hippomedon macrocephalus*).

Lowry & Bullock, 1976: 91.

Barnard & Karaman, 1991: 490.

De Broyer & Jazdzewski, 1993: 68.

Distribution:

Adélie Coast: Géologie Archipelago, 50 m (DBS 72a).

Depth range: 50 m.

Type-locality: Adélie Coast: Géologie Archipelago, 50 m (DBS 72a).

Type specimen location: MCSN, Verona.

***Hippomedon major* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 50, fig. 14. (*Tryphosa major*).

Barnard K.H., 1930: 327. (*Tryphosa kergueleni*).

Barnard J.L., 1958e: 101. (*Tryphosa major*).

Barnard J.L., 1962d: 30, (in key). (*Tryphosa major*).

Barnard J.L., 1969c: 365, (by implication). (*Tryphosella major*).

Thurston & Allen, 1969: 371. (*Tryphosa major*).

Thurston, 1974b: 57.

Lowry & Bullock, 1976: 91-92.

Andres, 1983: 186.

Barnard & Karaman, 1991: 490.

De Broyer & Jazdzewski, 1993: 68.

Takeuchi *et al.*, 2001: 653-654.

Distribution:

E+W+G

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Enderby Land: Lützow-Holm Bay, 67°43'15"S 44°27'71"E, 353 m (gear: baited trap) (IT *et al.* 01).

Ross Sea: *Terra Nova 1910*, sta. 220, Cape Adare, 82-92 m (KHB 30).

South Georgia: *Discovery 1925-27*, sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32);

Walther Herwig 1977-78, sta. 376, 61°29'S 56°03'W, 145-323 m (bottom: 325 m; gear: RMT); sta. 434, 64°00'S 64°30'W, 100-382 m (bottom: 385 m; gear: RMT) (HGA 83).

Depth range: 82-382 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.

***Hippomedon manene* Lowry & Stoddart, 1983b**

Lowry & Stoddart, 1983b: 369-373, fig. 63-65.

Distribution:

S

The Snares: Ho Ho Bay, 48°07'S 166°36'E, 30 m (bottom/habitat: coarse shelly sand) (L&S 83b).

Depth range: 30 m.

Type-locality: The Snares: Ho Ho Bay, 48°07'S 166°36'E, 30 m (bottom/habitat: coarse shelly sand) (L&S 83b).

Type specimen location: NMNZ, Wellington.

***Hippomedon matikuku* Lowry & Stoddart, 1983b**

Lowry & Stoddart, 1983b: 373-377, fig. 66-68.

Distribution:

S

The Snares: Ho Ho Bay, 48°07'S 166°36'E, 30 m (bottom/habitat: coarse shelly sand); north side of Punui Bay, 27-50 m (bottom/habitat: bryozoans, coarse shelly sand) (L&S 83b).

Depth range: 27-50 m.

Type-locality: The Snares: Ho Ho Bay, 48°07'S 166°36'E, 30 m (bottom/habitat: coarse shelly sand) (L&S 83b).

Type specimen location: NMNZ, Wellington.

***Lepidepecreoides xenopus* K.H. Barnard, 1931a**

Barnard K.H., 1931a: 426.

Barnard K.H., 1932: 62, fig. 24.

Barnard J.L., 1958e: 93.

Sanderson, 1973: 36.

Lowry & Bullock, 1976: 93.

Barnard & Karaman, 1991: 495-496.

Ren & Huang, 1991: 247-248, fig. 37.

De Broyer & Jazdzewski, 1993: 15, 69.

Lowry & Stoddart, 2002: 344-347, fig. 10.

Distribution:

E+W+G(+Ba)

Enderby Land: *Nella Dan*, sta. 011, 65°50.10'S 50°34.30'W to 65°50.30'S 50°34.90'E, 540 m (bottom/habitat: rock with mud and clay patches; gear: epibenthic sled) (L&S 02).

Palmer Archipelago: *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (bottom/habitat: mud; gear: nets) (KHB 32).

Prydz quadrant: *Aurora Australis*, sta. AA93-151,

Amery Depression, 68°04.36'S 72°17.81'E to 68°04.44'S 72°18.11'E, 765 m (gear: epibenthic sled) (L&S 02).

South Georgia: *Discovery 1925-27*, sta. WS 33, 54°59'S 35°24'W, 130 m (bottom/habitat: 135 m, grey mud, stones; gear: tow-net) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 177, off Deception Island, 1080 m (bottom/habitat: mud, stones; gear: large heavy dredge) (KHB 32); 62°50.6'S 60°20.5'W, 806 m (R&H 91).

Weddell Sea: southern shelf, *Glacier 1*, sta. 001, 74°07'S 39°38'W, 731 m (gear: epibenthic sled) (L&S 02).

Depth range: 130-1080 m.

Type-locality: South Shetland Islands, *Discovery 1925-27*, sta. 177, off Deception Island, 1080 m (bottom/habitat: mud, stones; gear: large heavy dredge); Palmer Archipelago, *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (bottom/habitat: mud; gear: nets) (KHB 32).

Type specimen location: NHM, London.

Lepidepecreum cingulatum K.H. Barnard, 1932

Barnard K.H., 1932: 60, fig. 22.

Barnard J.L., 1958e: 93.

Thurston, 1974a: 16, fig. 6d.

Thurston, 1974b: 58.

Thurston & Allen, 1969: 361.

Lowry & Bullock, 1976: 93.

Lincoln & Hurley, 1981: 108.

Wakabara *et al.*, 1990: 2, 4, 6.

Barnard & Karaman, 1991: 496.

De Broyer & Jazdzewski, 1993: 70.

Lowry & Stoddart, 2002: 335 (? = *Orchomenella*).

Distribution:

W

Palmer Archipelago: Port Lockroy, low tide (MHT 74b).

South Orkney Islands: *Discovery 1925-27*, sta. 165, Signy Island, Dove Strait, 24-36 m (from stomach of *Notothenia*; gear: large fish trap) (KHB 32); Borge Bay, 5-15 m; Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: 62°33'24"S 54°17'51"W, 320 m; 64°45'S 64°05'W, 20-40 m (YW *et al.* 90).

Trinity Peninsula: Hope Bay, Grunden Rock, littoral (MHT 74b).

Depth range: 0-320 m.

Type-locality: South Orkney Islands: *Discovery 1925-27*, sta. 165, Signy Island, Dove Strait, 24-36 m (from stomach of *Notothenia*; gear: large fish trap) (KHB 32).

Type specimen location: NHM, London.

Lepidepecreum foraminiferum Stebbing, 1888

Stebbing, 1888: 686, pl. 24.

Della Valle, 1893: 814. (*Anonyx longicornis*, in part).

Stebbing, 1906: 79.

Barnard J.L., 1958e: 93.

Gurjanova, 1962: 324 (in key) (*Lepidepecreum forameniferum*)

[sic].

Thurston & Allen, 1969: 361.

Mills, 1972a: 74, table 1.

Non Surya Rao, 1974: 199. (= *Lepidepecreum* sp., fide Lowry & Stoddart, 2002c).

Lowry & Bullock, 1976: 94.

Non Nayar, 1959: 7, pl. 1: figs. 16-26. (= *Lepidepecreum* sp., fide Lowry & Stoddart, 2002c).

Non Nayar, 1966: 136. (= *Lepidepecreum* sp., fide Lowry & Stoddart, 2002c).

Barnard & Karaman, 1991: 496.

De Broyer & Jazdzewski, 1993: 70.

Lowry & Stoddart, 2002c: 354, 355, 357.

Distribution:

E+S(+Ba)

Enderby Land: *Nella Dan*, sta. HRD 010, 65°56.40'S 50°52.10'E, 386-400 m (bottom/habitat: shelly mud, silt and bryozoan shell; gear: epibenthic sled) (L&S 02).

Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88).

Prydz quadrant: *Aurora Australis*, sta. AA93-125, MacRobertson Shelf, 66°53.69'S 36°06.34'E to 66°53.67'S 63°05.51'E, 367-439 m (gear: epibenthic sled); sta. AA93-158, off the Larsemann Hills, 68°54.88'S 76°37.03'E to 68°54.82'S 76°37.71'E, 667-716 m (gear: epibenthic sled) (L&S 02).

Depth range: 229-716 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88).

Type specimen location: NHM, London.

Lepidepecreum infissum Andres, 1983

Andres, 1983: 191-192, fig. 3.

Andres, 1985: 134.

Barnard & Karaman, 1991: 496.

De Broyer & Jazdzewski, 1993: 70.

Lowry & Stoddart, 2002c: 360.

Distribution:

W

Antarctic Peninsula: [Palmer East quadrant]: *Walther Herwig 1977-78*, sta. 210, 63°22'S 54°10'W, 0-223 m (bottom: 235 m; gear: RMT) (HGA 83).

Prydz quadrant: Amery Depression, 68°59.20'S 74°59.56'E, 746 m (gear: Van Veen grab); *Aurora Australis*, sta. AA93-37, MacRobertson Shelf, 66°55.51'S 62°32.72'E to 66°55.33'S 62°32.16'E, 113 m (gear: epibenthic sled); sta. AA93-124, Fram Bank, 67°05.03'S 68°58.80'E to 67°05.24'S 68°58.51'E, 204-216 m (gear: epibenthic sled); sta. AA93-131, Amery Depression, 68°04.36'S 72°17.81'E to 68°04.44'S 72°18.11'E, 765 m (gear: epibenthic sled); sta. AA93-151, Amery Depression, 68°26.47'S 72°17.81'E to 68°54.82'S 73°37.53'E, 765 m (gear: epibenthic sled); sta. AA93-154, off the Larsemann Hills, 68°54.88'S 76°37.03'E to 68°54.82'S 76°37.71'E, 667-716 m (gear: epibenthic sled) (L&S 02c).

Depth range: 0-765 m.

Type-locality: Antarctic Peninsula, *Walther Herwig 1977-78*, sta. 210, 63°22'S 54°10'W, 0-223 m (bottom: 235 m; gear: RMT) (HGA 83).

Type specimen location: ZMH, Hamburg.

***Lepidepecreum urometacarinatum* Andres, 1985**

Andres, 1983: 187-191, figs. 1-2. (*Lepidepecreum carinatum*). [not *Lepidepecreum carinatum* Bate & Westwood, 1861].

Andres, 1985: 134. [new name for *Lepidepecreum carinatum* Andres, 1983].

Barnard & Karaman, 1991: 496.

De Broyer & Jazdzewski, 1993: 70.

Lowry & Stoddart, 2002c: 363.

Distribution: **E+W(+Ba)**

Prydz quadrant: *Nella Dan*, sta. HRD 012, 66°02.90'S 49°49.40'E to 66°03'S 49°49.40'E, 738 or 806 m (gear: epibenthic sled) (L&S 02).

South Shetland Islands: *Walther Herwig 1977-78*, sta. 434, 64°00'S 64°30'W, 100-382 m (bottom: 385 m; gear: RMT) (HGA 85).

Weddell Sea: *Glacier I*, sta. 001, off Enderby Land, 74°07'S 39°38'W, 731 m (gear: epibenthic sled) (L&S 02c).

Depth range: 100-806 m.

Type-locality: South Shetland Islands: *Walther Herwig 1977-78*, sta. 434, 64°00'S 64°30'W, 100-382 m (bottom: 385 m; gear: RMT) (HGA 85).

Type specimen location: ZMH, Hamburg.

***Lysianella morbihanensis* (Bellan-Santini & Ledoyer, 1974)**

Bellan-Santini & Ledoyer, 1974: 686, pl. 27. (*Orchomene morbihanensis*).

Arnaud, 1974: 547. (eco). (*Orchomene morbihanensis*).

Lowry & Bullock, 1976: 98. (*Orchomene morbihanensis*).

De Broyer, 1983: 168. (*Paralysianella morbihanensis*).

Barnard & Karaman, 1991: 531. (?*Socarnes morbihanensis*) (quest.gen.).

De Broyer & Jazdzewski, 1993: 70.

Lowry & Stoddart, 1997: 182-183. (*Lysianella morbihanensis*).

Distribution: **S**

Iles Kerguelen: Golfe du Morbihan, Ile Pender, 50 m (BS&L 74).

Depth range: 50 m.

Type-locality: Iles Kerguelen: Golfe du Morbihan, Ile Pender, 50 m (BS&L 74).

Type specimen location: MCSN, Verona.

?*Orchomene* sp. Takeuchi et al. 2001

Takeuchi et al., 2001: 653-655.

Distribution: **E(Ab)**

Enderby Land: 67°43.0'S 39°09.0'E, 3186 m (gear: baited trap) (IT et al. 01).

Depth range: 3186 m.

?*Orchomenella (Orchomenella) chelipes* (Walker, 1906a)

Walker, 1906a: 456. (*Orchomenella chelipes*).

Walker, 1907: 13, pl. 4: fig. 7. (*Orchomenella chelipes*).

Barnard K.H., 1932: 68, fig. 27 l. (*Orchomenella chelipes*).

Ruffo, 1949: 10. (*Orchomenella chelipes*).

Barnard J.L., 1958e: 96. (*Orchomenella chelipes*).

Barnard J.L., 1964e: 88, (in key). (*Orchomene chelipes*).

Thurston & Allen, 1969: 365.

De Broyer, 1975a: 457, figs. 1-3. (*Orchomene chelipes*).

Lowry & Bullock, 1976: 96. (*Orchomene chelipes*).

De Broyer, 1983: 83.

Barnard & Karaman, 1991: 508. (*Orchomene chelipes*).

De Broyer & Jazdzewski, 1993: 70.

La Mesa et al., 2004: 724, table 2. (eco). (*Orchomenella chelipes*).

Distribution: **E**

Ross Sea: *Discovery 1901-04*, Mc Murdo Sound, Winter Quarters Bay, 18 m (AOW 07); Terra Nova Bay, between Campbell Glacier Tongue and Cape Russell, from stomach content of *Trematomus bernacchii* (ML et al. 2004).

Depth range: 18 m.

Type-locality: Ross Sea: *Discovery 1901-04*, Mc Murdo Sound, Winter Quarters Bay, 18 m (AOW 07).

Type specimen location: NHM, London.

***Orchomenella (Orchomenella) franklini* (Walker, 1903a)**

Walker, 1903a: 47, pl. 8: figs. 31-36. (*Orchomenella franklini*).

Stebbing, 1906: 721. (*Orchomenella franklini*).

Walker, 1907: 13. (*Orchomenella franklini*).

Schellenberg, 1926a: 248, fig. 6. (*Allogaussia litoralis*).

Barnard K.H., 1930: 448. (*Orchomenella franklini*).

Barnard K.H., 1932: 68, fig. 27k. (*Orchomenella franklini*).

Nicholls, 1938: 37, fig. 17. (*Orchomenella franklini*).

Stephensen, 1947a: 36. (*Orchomenella ?franklini*).

Ruffo, 1949: 10. (*Orchomenella franklini*).

Barnard J.L., 1958e: 88. (*Allogaussia litoralis*).

Barnard J.L., 1958e: 96. (*Orchomenella franklini*).

Hurley, 1963: 133. (*Allogaussia litoralis*).

Hurley, 1963: 133. (*Orchomenella franklini*).

Barnard J.L., 1964e: 87, 88, (in key). (*Orchomene franklini*).

Barnard J.L., 1964e: 84, 88, (in key). (*Orchomene litoralis*, possible junior synonym of *Orchomene franklini*).

Hurley, 1965b: 162, figs. 5, 6. (*Orchomenella franklini*).

Thurston & Allen, 1969: 365.

Bellan-Santini, 1972a: 207, pls. 24, 25. (*Orchomene litoralis*).

Bellan-Santini, 1972b: 695. (*Orchomene litoralis*).

De Broyer, 1975a: 464. (*Orchomene franklini*).

Lowry & Bullock, 1976: 96. (*Orchomene franklini*).
 Andres, 1983: 193, fig. 4J. (*Orchomene franklini*).
 De Broyer, 1983: 110-112, fig. 15.
 ? Arnaud *et al.*, 1986: 17, tab. I. (*Orchomene cf. franklini*).
 Barnard & Karaman, 1991: 508. (*Orchomene franklini*).
 Klages, 1991: 50. (*Orchomenella franklini*).
 Jażdżewski *et al.*, 1992: 465.
 De Broyer & Jażdżewski, 1993: 71. (*Orchomenella (Orchomenopsis) franklini*).
 Jażdżewski *et al.*, 1996: 371.

Distribution: **E+W**

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 46 m (GEN 38); Géologie Archipelago, 6-15 m (DBS 72a).

Davis Sea: Gaussberg, 170 m (AS 26a).

Enderby Land: *PABE I & III*, 17 sta., Alasheyev Bight, 5-40 m (CDB 83)

Ross Sea: *Southern Cross 1898-1900*, Franklin Island, 18-43 m; Mc Murdo Sound, Winter Quarters Bay (AOW 03a); *Nimrod 1907-1909*, McMurdo Sound, 13-36 m (KHB 30).

South Sandwich Islands: Zavodovski Island, 56°17'S 27°30'W (KS 47a).

South Shetland Islands: *Walther Herwig 1977-78*, sta. 327, 63°35'S 54°36'W, 165-215 m (bottom/habitat: 225 m; gear: RMT); 0-45 m (bottom: 190 m; gear: RMT); sta. 399, 63°30'S 54°03'W, 150-250 m (bottom: 250 m; gear: RMT) (HGA 83); King George Island, Admiralty Bay (KJ *et al.* 92).

Weddell Sea: eastern shelf (MK 91).

Depth range: 0-250 m.

Type-locality: Ross Sea: *Southern Cross 1898-1900*, Franklin Island, 18-43 m (AOW 03a).

Type specimen location: NHM, London.

Orchomenella (Orchomenella) guillei De Broyer, 1985a

De Broyer, 1983: 90-91, pl. 23a, 23b.

De Broyer, 1985a: 205-215, figs. 1-7.

De Broyer, 1985b: 736-737.

Barnard & Karaman, 1991: 508. (*Orchomene guillei*).

De Broyer & Jażdżewski, 1993: 70.

Distribution: **S**

Iles Kerguelen: Golfe du Morbihan, Fosse de Channer, sta. Ker 82-N12, 49°24'S 70°09'E, 106 m (CDB 85a).

Depth range: 106 m.

Type-locality: Iles Kerguelen: Golfe du Morbihan, Fosse de Channer, sta. Ker 82-N12, 49°24'S 70°09'E, 106 m (CDB 85a).

Type specimen location: IRScNB, Brussels.

Orchomenella (Orchomenella) hureaui (De Broyer, 1973)

De Broyer, 1973: 2, figs. 1-4. (*Orchomene hureaui*).

De Broyer, 1983: 92-98, pls. 24-27.

Lowry & Bullock, 1976: 97. (*Orchomene hureaui*).

Barnard & Karaman, 1991: 508. (*Orchomene hureaui*)

De Broyer & Jażdżewski, 1993: 70.

Distribution: **E**

Adélie Coast: Géologie Archipelago, 66°40'S 140°00'30"E (CDB 73).

Depth range:

Type-locality: Adélie Coast: Géologie Archipelago, 66°40'S 140°00'30"E (CDB 73).

Type specimen location: IRScNB, Brussels.

Orchomenella (Orchomenella) kryptopinguides (Andres, 1983)

Andres, 1983: 200-203, figs. 8-9. (*Orchomene kryptopinguides*).

Barnard & Karaman, 1991: 508. (*Orchomene kryptopinguides*).

De Broyer & Jażdżewski, 1993: 71. ((*Orchomenella (Orchomenopsis) kryptopinguides*).

De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution: **E+W**

Antarctic Peninsula, [Palmer East quadrant]: *Walther Herwig 1977-78*, sta. 400, 63°28'S 54°29'W, 140-202 m (bottom: 205 m; gear: RMT) (HGA 83).

Weddell Sea: *Polarstern ANT XV/3 (EASIZ II)*, sta. 38/75, Kapp Norvegia, 70°59'S 11°09.1'W, 389 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 140-398 m.

Type-locality: Antarctic Peninsula, [Palmer East quadrant]: *Walther Herwig 1977-78*, sta. 400, 63°28'S 54°29'W, 140-202 m (bottom: 205 m; gear: RMT) (HGA 83).

Type specimen location: ZMH, Hamburg.

Orchomenella (Orchomenella) pinguides (Walker, 1903a)

Walker, 1903a: 46, pl. 8: figs. 24-30. (*Orchomenella pinguides*).

Stebbing, 1906: 721. (*Orchomenella pinguides*).

Walker, 1907: 13. (*Orchomenella pinguides*).

? Chilton, 1912a: 470. (questioned by Bellan-Santini, 1972b). (*Orchomenella pinguides*).

Schellenberg, 1926a: 284. fig. 24. (*Orchomenella pinguides*).

Barnard K.H., 1930: 327, 448. (*Orchomenella pinguides*).

Barnard K.H., 1932: 67, fig. 26. (*Allogaussia lobata*).

Barnard K.H., 1932: 68, fig. 27j. (*Orchomenella pinguides*).

Ruffö, 1949: 10. (*Orchomenella pinguides*).

Barnard J.L., 1958e: 97. (*Orchomenella pinguides*).

Hurley, 1963: 133. (*Allogaussia lobata*).

Hurley, 1963: 133. (*Orchomenella pinguides*).

Barnard J.L., 1964a: 88, (in key). (*Orchomene pinguides*).

Hurley, 1965b: 159, figs. 3, 4. (*Orchomenella pinguides*).

Dearborn, 1967: 45. (eco). (*Orchomenella pinguides*).

Emison, 1968: 202, fig. 10, tables 10-12. (eco). (*Orchomenella pinguides*).

Thurston & Allen, 1969: 353. (*Allogaussia lobata*).

Thurston & Allen, 1969: 365. (*Orchomenella pinguides*).
 Bellan-Santini, 1972b: 695, pl. 9. (*Orchomene pinguides*).
 Lowry & Bullock, 1976: 99. (*Orchomene pinguides*).
 De Broyer, 1983: 113-114.
 Andres, 1986: 119-120, figs. 3-4. (*Orchomene pinguides*).
 Slattery & Oliver, 1986: 171-176. (*Orchomene pinguides*).
 Barnard & Karaman, 1991: 509. (*Orchomene pinguides*).
 Klages, 1991: 50.
 De Broyer & Jazdzewski, 1993: 72. (*Orchomenella*
 (*Orchomenopsis*) *pinguides*).
 Gutt *et al.*, 2000: 80-83. (*Orchomenella* (*Orchomenopsis*)
pinguides)
 Dauby *et al.*, 2001b: 657-662. (eco).
 De Broyer *et al.*, 2001: 744-753. (eco)
 De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution: E+W+G(+Ba)(+P)

Adélie Coast: no loc., (DBS 72b); Dumont d'Urville, 50 m (CDB 83).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m; Gaussberg, 170 m (AS 26a).

Enderby Land: Alasheyev Bight, Thala Hills, Opasnaya Bay, Molodezhnaya Bay, 5-10 m (gear: dredge) (K. Jazdzewski, unpubl. rec.)

Kemp Coast: *SAE 1955-58*, sta. 204, 57°E, 265-290 m (CDB 83).

Ross Sea: *Southern Cross 1898-1900*, Cape Adare, 48 m; *Discovery 1901-04*, Mc Murdo Sound, Winter Quarters Bay, 18-27 m (AOW 07); *Nimrod 1907-1909*, McMurdo Sound, 13-36 m (KHB 30); Mc Murdo Sound, 65 m (gear: baited traps) (S&O 86); McMurdo Sound (JHD 67); Cape Crozier (WBE 68).

South Georgia: *Discovery 1925-27*, sta. 142, Cumberland East Bay, 88-273 m (bottom/habitat: mud; gear: large otter trawl, tow-net of coarse silk) (KHB 32).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay (CC 12a).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge); sta. 208, off Livingston Island, 0-800 m (gear: young fish trawl) (KHB 32).

Weddell Sea: *Polarstern ANT?*, sta. 153, 75°57.4'S 28°42'W, 200-292 m (bottom: 400 m; gear: RMT); sta. 213, 72°24.7'S 16°21'W, 200-285 m (bottom: 250-300 m; gear: RMT); sta. 218, 70°29.9'S 13°44'W, 200-240 m (bottom: 260-280 m; gear: RMT) (HGA 86); eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 234-301 m (CDB *et al.* 01); *Polarstern ANT VII/4 (EPOS III)*, sta. 275, Kapp Norvegia, 71°39.5'S 12°04.4'W, 236 m (gear: baited trap); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06, Kapp Norvegia, 71°31.5'S 13°31.4'W, 234 m (gear: baited trap); sta. 28, Kapp Norvegia, 71°29.6'S 12°21.2'W, 219 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 27/76, Kapp Norvegia, 71°19'S 12°24.2'W, 171 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 13-385 m (P: 0-800 m).

Type-locality: Ross Sea: *Southern Cross 1898-1900*, Cape

Adare, 48 m (AOW 07).

Type specimen location: NHM, London.

***Orchomenella* (*Orchomenella*) *ultima* (Bellan-Santini, 1972b)**

Bellan-Santini, 1972b: 697, pl. 10. (*Orchomene ultima*).

Lowry & Bullock, 1976: 101. (*Orchomene ultima*).

Barnard & Karaman, 1991: 509. (*Orchomene ultimus*).

? Jazdzewski *et al.*, 1991: 110, 112-113. (*Orchomenella* cf. *ultima*).

? Jazdzewski *et al.*, 1992: 465, 469. (*Orchomenella* cf. *ultima*).

? Jazdzewski *et al.*, 1996: 371. (*Orchomenella* cf. *ultima*).

De Broyer & Jazdzewski, 1993: 70.

? Jazdzewski *et al.*, 2001a: 569-577. (*Orchomenella* cf. *ultima*). (eco).

? Jazdzewski *et al.*, 2001b: 910-917. (*Orchomenella* cf. *ultima*) (eco).

Distribution: E+?W

Adélie Coast: no loc. (bottom/habitat: in stomach content of *Nothothenia coriiceps neglecta*) (DBS 72b).

? **South Shetland Islands:** King George Island, Admiralty Bay, 10-30 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 92); King George Island, Admiralty Bay, Arctowski Station, 0 m (KJ *et al.* 01a, 01b).

Depth range: 0-30 m.

Type-locality: Adélie Coast, no loc. (bottom/habitat: in stomach content of *Nothothenia coriiceps neglecta*) (DBS 72b).

Type specimen location: MCSN, Verona.

***Orchomenella* (*Orchomenopsis*) *aahu* (Lowry & Stoddart, 1983b)**

Lowry & Stoddart, 1983b: 377-381, figs. 69-71. (*Orchomene aahu*).

Barnard & Karaman, 1991: 508. (*Orchomene aahu*).

De Broyer & Jazdzewski, 1993: 71.

Haggitt & Babcock, 2003: 1201-1211. (eco). (*Orchomenella aahu*).

Distribution: S+

Auckland Island: Off Sandy Bay, 2 stations, 25 m; Port Ross, 2 stations; Carnley Harbour, 1 station (L&S 83b).

The Snares: north side of Ho Ho Point, 48°07'S 166°36'E, 18 m; Boat Harbour, 1 station, 15 m; Ho Ho Bay, 1 station, ? m (L&S 83b).

Depth range: 18-25 m.

Type-locality: The Snares: north side of Ho Ho Point, 48°07'S 166°36'E, 18 m (L&S 83b).

Auckland Island: (L&S 83b).

Extralimital distribution: New Zealand: Alphabet Bay, 36°17'S 174°48'E, 8 m (H&B 03).

Extralimital depth range: 8 m.

Type specimen location: NMNZ, Wellington; NHM, London; USNM, Washington; AM, Sydney.

***Orchomenella (Orchomenopsis) acanthurus* (Schellenberg, 1931a)**

Schellenberg, 1931a: 47, fig. 25. (*Orchomenopsis acanthurus*).
 Barnard K.H., 1932: 73, figs. 27a, 31. (*Orchomenella acanthurus*).
 Shoemaker, 1945d: 289. (*Orchomenella acanthura*).
 Ruffo, 1949: 10. (*Orchomenella acanthurus*).
 Barnard J.L., 1958e: 96. (*Orchomenella acanthurus*).
 Barnard J.L., 1964e: 86, (in key). (*Orchomene acanthurus*).
 Thurston, 1974b: 59. (*Orchomene acanthurus*).
 Lowry & Bullock, 1976: 95. (*Orchomene acanthurus*).
 De Broyer, 1983: 108-109, pl. 31.
 De Broyer, 1985a: 214-215.
 De Broyer, 1985b: 729-737, figs. 1-5.
 Barnard & Karaman, 1991: 508. (*Orchomene acanthurus*).
 Jazdzewski *et al.*, 1992: 465, 469.
 De Broyer & Jazdzewski, 1993: 71.
 Jazdzewski *et al.*, 1996: 371. (*Orchomenella acanthura*).
 Gutt *et al.*, 2000: 80-83. (*Orchomenella (Orchomenopsis) acanthura*)
 De Broyer *et al.*, 2001: 744-753. (eco)

Distribution:**E+W+G****Marguerite Bay:** Stonington Island, 64 m (MHT 74b).**Palmer Archipelago:** Horseshoe Island, 67°52'S 67°17'W, 34 m (CRS 45d).

South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay); off Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a); 54°17'S 36°28'W, 75 m (CDB 85b); *Discovery 1925-27*, sta. 141, Cumberland East Bay, 17-27 m (bottom/habitat: mud; gear: small beam trawl); sta. MS 62, Cumberland East Bay, 31-40 m (gear: small beam trawl); sta. 145, Stromness Harbour, 26-35 m (bottom/habitat: weedy ground; gear: small beam trawl); sta. WS 33, 54°59'S 35°24'W, 130 m (bottom/habitat: 135 m, grey mud, stones; gear: tow-net) (KHB 32); off Grytviken, 54°22'S 36°28'W, 22 m (CDB 85b).

Shag Rocks: 53°34'S 43°23'W, 160 m (bottom/habitat: sand, gravel) (AS 31a).

South Shetland Islands: King George Island, Admiralty Bay, 46-165 m (gear: Van Veen grab) (KJ *et al.* 92).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 16 BT 09, south of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf, 170-261 m (CDB *et al.* 01).

Depth range: 17-261 m.

Type-locality: Shag Rocks: 53°34'S 43°23'W, 160 m (bottom/habitat: sand, gravel) (AS 31a).

South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay); off Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a)

Type specimen location: NRS, Stockholm.

***Orchomenella (Orchomenopsis) cavimanus* (Stebbing, 1888)**

Stebbing, 1888: 679, pl. 22. (*Orchomene cavimanus*).
 Stebbing, 1906: 85. (*Orchomenopsis zschauui*, in part).
 Schellenberg, 1926a: 285, fig. 25. (*Orchomenella cavimanus*).
 Barnard K.H., 1932: 69, fig. 27g. (*Orchomenella cavimanus*).
 Nicholls, 1938: 34, fig. 14. (*Orchomenella cavimanus*).
 Ruffo, 1949: 10. (*Orchomenella cavimana*).
 Barnard J.L., 1958e: 96. (*Orchomenella cavimanus*).
 Non Barnard J.L., 1961a: 45-47, fig. 16. (*Orchomenella cavimanus* var. = *Abyssorchomene chevreuxi*).
 Barnard J.L., 1964e: 87, (in key). (*Orchomene cavimanus*, in part).
 Thurston & Allen, 1969: 364.
 Bellan-Santini, 1972a: 207, pl. 23. (*Orchomene cavimanus*).
 Bellan-Santini, 1972b: 693. (*Orchomene cavimanus*).
 Mills, 1972a: 75, table 1.
 Sanderson, 1973: 37. (*Orchomenella cavimanus*).
 Arnaud, 1974: 562, table 20. (eco). (*Orchomene cavimanus*).
 Lowry & Bullock, 1976: 111-112. (*Orchomene cavimanus*).
 Non Shulenberg & Barnard, 1976: 248. (*Orchomenella cavimanus* var. = *Abyssorchomene chevreuxi*).
 Non Thurston, 1979: 55-67. (*Orchomenella cavimanus* var. = *Abyssorchomene chevreuxi*).
 Andres, 1983: 193, fig. 4 a-i. (*Orchomene cavimanus*).
 De Broyer, 1983: 101-102, figs. 1-3, 13-14, 17, pl. 28.
 Barnard & Karaman, 1991: 508. (*Orchomene cavimanus*).
 Klages, 1991: 50. (*Orchomene cavimanus*).
 Jazdzewski *et al.*, 1992: 465, 469.
 De Broyer & Jazdzewski, 1993: 71.
 Jazdzewski *et al.*, 1996: 371. (*Orchomenella cavimanus*).
 De Broyer & Rauschert, 1999: 285, table 1.
 De Broyer *et al.*, 2004: 1740, table 3-4. (eco).

Distribution:**E+W+G+S+M(+Ba+Ab)**

Adélie Coast: Commonwealth Bay, 45 m; *Aurora 1912-14*, sta. 3, Commonwealth Bay, 287 m; sta. 7, Commonwealth Bay, 109 m (GEN 38); Géologie Archipelago, 6-60 m (DBS 72a).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Falkland Islands: *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets) (KHB 32).

Iles Kerguelen: *Challenger 1873-76*, Anse Betsy, surface; sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88); Golfe du Morbihan, Fosse de Channer, 105 m (CDB 83).

South Georgia: *Discovery 1925-27*, sta. 152, 53°51'S 36°18'W, 245 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32); *Walther Herwig 1975-76*, sta. 36, 54°14'S 36°13'W, 0-130 m (gear: RMT); sta. 47, 53°58'S 37°49'W, 0-81 m (bottom: 125 m; gear: RMT) (HGA 83); *Walther Herwig 1977-78*, sta. 141, 54°07'S 36°48'W, 0-156 m (bottom: 159 m; gear: RMT); sta. 495, 54°09'S 36°48'W, 0-110 m (bottom: 110 m; gear: RMT) (HGA 83).

South Shetland Islands: King George Island, Admiralty Bay,

46-60 m (gear: Van Veen grab) (KJ *et al.* 92); *Polarstern ANT XV/3 (EASIZ II)*, sta. 291/312, King George Island, 62°16.6'S 58°15.8'W, 798 m (gear: baited trap); *Polarstern ANT XIX/3 (ANDEEP I)*, sta. 100, King George Island, 61°25'S 58°54'W, 2280 m (gear: baited trap) (CDB *et al.* 04).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 04, Kapp Norvegia, 71°40.6'S 12°31'W, 421 m (gear: baited trap); sta. 05, Kapp Norvegia, 71°29.6'S 12°21.2'W, 219 m (gear: baited trap); sta. 27/76, Kapp Norvegia, 71°19'S 12°23.2'W, 171 m (gear: baited trap); sta. 38/75, Kapp Norvegia, 70°59'S 11°09.1'W, 389 m (gear: baited trap); sta. 094/119, Vestkapp, 73°35.7'S 22°23.4'W, 813 m (gear: baited trap); sta. 102/122, Vestkapp, 73°36'S 22°00.5'W, 396 m (gear: baited trap); sta. 138/155, Halley Bay, 74°39.8'S 27°13.1'W, 798 m (gear: baited trap); sta. 152, Halley Bay, 74°36.8'S 26°53.9'W, 597 m (gear: baited trap); sta. 160/179, Halley Bay, 74°40'S 26°57.9'W, 403 m (gear: baited trap); sta. 202/233, Kapp Norvegia, 70°57'S 11°40.6'W, 808 m (gear: baited trap); sta. 203/234, Kapp Norvegia, 70°58.8'S 11°39.4'W, 442 m (gear: baited trap); sta. 251/267, Drescher Inlet, 72°47.8'S 19°31.4'W, 895 m (gear: baited trap); sta. 255/268, Drescher Inlet, 72°48.4'S 19°39.6'W, 1453 m (gear: baited trap); sta. 279/283, Atka Bay, 70°24.1'S 07°52.2'W, 1136 m (gear: baited trap); sta. 280/284, Atka Bay, 70°27.4'S 07°55.9'W, 550 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 11/25, Drescher Inlet, 72°50.8'S 19°55.5'W, 377 m (gear: baited trap); *Polarstern ANT XIX/4 (ANDEEP II)*, sta. 131, 65°19'S 51°35'W, 3070 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 6-3070 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, Anse Betsy, surface; sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Orchomenella (Orchomenopsis) cavimana rostrata* (Schellenberg, 1931a)**

Schellenberg, 1931a: 45, fig. 23. (*Orchomenella cavimanus rostratus*).

Lowry & Bullock, 1976: 96. (*Orchomene cavimanus rostratus*).

Barnard & Karaman, 1991: 508. (*Orchomene cavimanus rostratus*).

De Broyer & Jazdzewski, 1993: 71.

De Broyer & Rauschert, 1999: 285, table 1.

Distribution:

Falkland Islands: 53°S 64°W (AS 31a).

Type-locality: Falkland Islands: 53°S 64°W (AS 31a).

Depth range:

Type specimen location: ZMH, Hamburg.

***Orchomenella (Orchomenopsis) chilensis* (Heller, 1868)**

Heller, 1868: 129, pl. 11, fig. 5. (*Anonyx chilensis*).

Stebbing, 1906: 84, fig. 14. (*Orchomenopsis abyssorum*, in part).

Non Chilton, 1912a: 473. (*Orchomenopsis chilensis* = *Abyssoorchomene plebs*, in part, and *Abyssoorchomene rossi*, in part).

Barnard K.H., 1925: 330. (*Orchomenopsis chilensis*).

Non Schellenberg, 1925: 119-120, fig. 3. (*Orchomenopsis chilensis* = *Orchomenella plicata*).

Schellenberg, 1926a: 293, fig. 29. (*Orchomenopsis chilensis* f. *chilensis*).

Schellenberg, 1931a: 48. (*Orchomenopsis chilensis* f. *chilensis*).

Ruffo, 1949: 8. (*Orchomenella chilensis*).

Barnard J.L., 1958e: 96. (*Orchomenella chilensis*).

Non Armitage, 1962: 225-232, figs. 1-3, tables 1, 2. (*Orchomenella chilensis*; probably = *Abyssoorchomene plebs*, in part, and *Abyssoorchomene rossi*, in part).

Barnard J.L., 1964a: 85. (*Orchomene chilensis*).

Hurley, 1965c: 183, figs. 1, 2. (*Orchomenella chilensis*).

Lowry & Bullock, 1976: 96. (*Orchomene chilensis*).

Shulenberg & Barnard, 1976: 248. (*Orchomene chilensis*).

De Broyer, 1983: 103-104.

Barnard & Karaman, 1991: 508-509. (*Orchomene chilensis*).

Gonzalez, 1991a: 59.

De Broyer & Jazdzewski, 1993: 71.

De Broyer & Rauschert, 1999: 285, table 1.

Distribution:

M

Falkland Islands: Port Albemarle, 40 m (bottom/habitat: sand, algae); Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae); Port William, 40 m (bottom/habitat: stones, algae); Port William, 22 m (bottom/habitat: sand) (AS 31a).

Magellan area: Puerto Bueno; Canal Smith, Bahia Isthmus, 18 m; Punta Arenas; Puerto Hope, 11-18 m (bottom/habitat: cliffs, algae); Isla Haberton, 11 m (bottom/habitat: algae); Seno Al Admirantazgo, 36 m; Puerto Pantalón (bottom/habitat: kelp) (AS 31a); Estrecho de Magallanes (EG 91a); Golfo San José, 42°S, 0 m (CDB 83).

Ross Sea: *Nimrod 1907-09*, McMurdo Sound, 13-36 m (KHB 30).

Depth range: 11-40 m.

Type-locality: Chile (CH 68).

Type specimen location:

***Orchomenella (Orchomenopsis) denticulata* Rauschert, 1995**

Rauschert, 1995: 12-18, pls. 1-2.

Distribution:

W

South Shetland Islands: Livingston Island, 62°43'S 60°25.5'W, 10-15 m (MR 95).

Depth range: 10-15 m.

Type-locality: South Shetland Islands: Livingston Island,

62°43'S 60°25.5'W, 10-15 m (MR 95).

Type specimen location: ZMB, Berlin.

***Orchomenella* (?*Orchomenopsis*) *goniops* (Walker, 1906a)**

Walker, 1906a: 455. (*Orchomene goniops*).

Walker, 1907: 12, pl. 3, fig. 6. (*Orchomene goniops*).

Barnard K.H., 1932: 68, fig. 27 m. (*Orchomenella goniops*).

Barnard J.L., 1958e: 96. (*Orchomene goniops*).

Barnard J.L., 1964e: 87, (in key). (*Orchomene goniops*).

Thurston & Allen, 1969: 364.

De Broyer, 1975a: 464, figs. 4-6. (*Orchomene goniops*).

Lowry & Bullock, 1976: 96. (*Orchomene goniops*).

De Broyer, 1983: 115-121, pls. 32-34.

Barnard & Karaman, 1991: 508 (*Orchomene goniops*).

De Broyer & Jazdzewski, 1993: 71.

Distribution: **E**

Ross Sea: *Discovery 1901-04*, Mc Murdo Sound, Winter Quarters Bay (depth: between the beach and 48 m) (AOW 07).

Depth range: 0-48 m.

Type-locality: Ross Sea: *Discovery 1901-04*, Mc Murdo Sound, Winter Quarters Bay (depth: between the beach and 48 m) (AOW 07).

Type specimen location: NHM, London.

***Orchomenella* (?*Orchomenopsis*) *hiata* (Andres, 1983)**

Andres, 1983: 195-199, figs. 5-7. (*Orchomene hiata*).

Barnard & Karaman, 1991: 508. (*Orchomene hiata*).

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 71.

Distribution: **E+W(+P)**

Antarctic Peninsula [Palmer East quadrant]: *Walther Herwig 1977-78*, sta. 344, 64°06'S 55°06'W, 230-260 m (bottom: 290 m; gear: RMT) (HGA 83).

Weddell Sea: eastern shelf (MK 91).

Depth range: 230-260 m.

Type-locality: Antarctic Peninsula [Palmer East quadrant]: *Walther Herwig 1977-78*, sta. 344, 64°06'S 55°06'W, 230-260 m (bottom: 290 m gear: RMT) (HGA 83).

Type specimen location: ZMH, Hamburg.

***Orchomenella* (?*Orchomenopsis*) *macrophthalma* (Birstein & Vinogradov, 1962b)**

Birstein & Vinogradov, 1962b: 39-41, fig. 5. (*Allogausia macrophthalma*).

De Broyer, 1975a: 470. (*Orchomene macrophthalma*).

Lowry & Bullock, 1976: 98. (*Orchomene macrophthalma*).

De Broyer, 1983: 121.

Barnard & Karaman, 1991: 509. (*Orchomene macrophthalmus*).

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 72.

Distribution: **E(P)**

Southern Ocean, Indian Sector: *SAE 1955-58*, Ob, sta. 29, 65°06'S 111°24'E, 0-2000 m (bottom: 1967 m; gear: plankton net) (B&V 62b).

Weddell Sea: eastern shelf (MK 91).

Depth range: 0-2000 m.

Type-locality: Southern Ocean, Indian Sector: *SAE 1955-58*, Ob, sta. 29, 65°06'S 111°24'E, 0-2000 m (bottom: 1967 m; gear: plankton net) (B&V 62b).

Type specimen location: MUG, Moscow.

***Orchomenella* (*Orchomenopsis*) *rotundifrons* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 72, figs. 27c, 30. (*Orchomenella rotundifrons*).

Ruffo, 1949: 10. (*Orchomenella rotundifrons*).

Barnard J.L., 1958e: 97. (*Orchomenella rotundifrons*).

Barnard J.L., 1964e: 87, (in key). (*Orchomene rotundifrons*).

Thurston & Allen, 1969: 365.

Thurston, 1974a: 20, fig. 72. (*Orchomene rotundifrons*).

Thurston, 1974b: 60. (*Orchomene rotundifrons*).

Lowry & Bullock, 1976: 100-101. (*Orchomene rotundifrons*).

De Broyer, 1983: 105, pls. 29-30.

Arnaud *et al.*, 1986: 17, tabl. I. (*Orchomene rotundifrons*).

Presler, 1986: 37. (*Orchomene rotundifrons*).(eco).

Barnard & Karaman, 1991: 509. (*Orchomene rotundifrons*).

Jazdzewski *et al.*, 1991: 110.

Jazdzewski *et al.*, 1992: 465, 469.

De Broyer & Jazdzewski, 1993: 72.

Jazdzewski *et al.*, 1996: 371.

Jazdzewski & Konopacka, 1999:317. (eco).

Gutt *et al.*, 2000: 80-83.

Distribution: **E+W**

South Orkney Islands: Signy Island, Borge Bay, 5-15 m; Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: *Discovery 1925-27*, sta. 174, Deception Island, 5-10 m (gear: large fish trap) (KHB 32); King George Island, *PAMRE I*, sta. 1, 80m (CDB 83); King George Island, Admiralty Bay (gear: baited trap) (PPr 86), 5-146 m (gear: SCUBA, with Tvärminne, Van Veen grab) (KJ *et al.* 91, 92). Arctowski Station (in Antarctic tern stomach) (KJ & K 99).

Trinity Peninsula: Hope Bay, Hut Cove, 9 m (MHT 74b); King George Island, *PAMRE I*, sta. 1, 80m (CDB 83).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 03, Kapp Norvegia, 71°27.40'S 13°43.30'W, 212 m (gear: Agassiz trawl) (JG *et al.* 00).

Depth range: 5-212 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 174, Deception Island, 5-10 m (gear: large fish trap) (KHB 32).

Type specimen location: NHM, London.

***Orchomenella (Orchomenopsis) zschauii* (Pfeffer, 1888)**

Pfeffer, 1888: 87, pl. 2, fig. 1. (*Anonyx zschauii*).
 Della Valle, 1893: 823. (*Anonyx zschauii*).
 Stebbing, 1906: 85. (*Orchomenopsis zschauii*, in part; part = *Orchomenella cavimamus*).
 Non Chilton, 1912a: 471. (*Waldeckia zschauii* = *Waldeckia obesa*).
 Non Chilton, 1913: 56. (*Waldeckia zschauii* = *Waldeckia obesa*).
 Shoemaker, 1914: 73. (*Waldeckia zschauii*).
 Schellenberg, 1931a: 46, fig. 24. (*Orchomenopsis zschauii*).
 Barnard K.H., 1932: 73, fig. 27h. (*Orchomenella zschauii*).
 Stephensen, 1938c: 237. (*Orchomenopsis zschauii*).
 Stephensen, 1947a: 35. (*Orchomenella zschauii*).
 Ruffo, 1949: 8. (*Orchomenella zschauii*).
 Barnard J.L., 1958e: 97. (*Orchomenella zschauii*).
 Barnard J.L., 1964e: 86, (in key). (*Orchomene zschauii*).
 Lowry & Bullock, 1976: 101. (*Orchomene zschauii*).
 Andres, 1983: 212. (*Orchomene zschauii*).
 De Broyer, 1983: 106-107.
 De Broyer, 1985a: 215. (*Orchomenella zschauii*).
 De Broyer, 1985b: 736-737. (*Orchomenella zschauii*).
 Wakabara *et al.*, 1990: 2, 4, 6. (*Orchomene zschauii*).
 Barnard & Karaman, 1991: 509. (*Orchomene zschauii*).
 De Broyer & Jazdzewski, 1993: 72.

Distribution:**W+G**

Palmer Archipelago: Flandres Bay, 2-10 m (KS 47a).
South Georgia: South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88); Bay of Isles, 9 m (CRS 14); off Grytviken, 1-20 m (bottom/habitat: sand, gravel, stones); Grytviken, 5 m (bottom/habitat: sand); off Grytviken, 25-50 m (bottom/habitat: algal mud, gravel, algae); Stromness Harbour, 8 m (bottom/habitat: stones); mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a); Cumberland East Bay, 11-36 m (KHB 32); Godthul Bay, 55 m; 'Hystadhullet', 40 m; Coal Harbour, 13-18 m; Jason Harbour, 20 m (KS 38c); *Walther Herwig 1977-78*, sta 495, 54°09'S 36°48'W, 0-110 m (bottom: 110 m; gear: RMT) (HGA 83).
South Sandwich Islands: Zavodovski Island, 56°17'S 27°30'W; Visokoi Island, 10-15 m (KS 47a).
South Shetland Islands: 61°16'S 55°05'W, 60 m; 62°48'S 54°20'W, 280 m (YW *et al.* 90).
Depth range: 1-310 m.
Type-locality: South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88).
Type specimen location: ZMH, Hamburg.

***Orchomenyx macronyx* (Chevreux, 1905d)**

Chevreux, 1905d: 161, fig. 2. (*Orchomenella macronyx*).
 Chevreux, 1906a: 8, figs. 5-7. (*Orchomenella macronyx*).
 Stebbing, 1906: 721. (*Orchomenella macronyx*).
 Non Chilton, 1912a: 470. (*Orchomenella macronyx* =

Orchomenella sp. juv).

Non Schellenberg, 1931a: 43, fig. 22. (*Orchomenella macronyx* = *Orchomenyx schellenbergi*).
 Barnard K.H., 1932: 70, fig. 27d. (*Orchomenella macronyx*, in part; part = *Orchomenyx schellenbergi*; non fig. 29).
 Nicholls, 1938: 37, fig. 18. (*Orchomenella macronyx*).
 Ruffo, 1949: 10. (*Orchomenella macronyx*).
 Barnard J.L., 1958e: 97. (*Orchomenella macronyx*).
 Barnard J.L., 1964e: 89, (in key). (*Orchomene macronyx*).
 ? Bellan-Santini, 1972a: 212, pl. 26. (*Orchomene macronyx*).
 Thurston, 1972: 51, fig. 1, 2. (*Orchomene macronyx*).
 Lowry & Bullock, 1976: 97-98. (*Orchomene macronyx*).
 Lowry, 1982: 320. (*Orchomenella macronyx*).
 De Broyer, 1983: 123.
 Barnard & Karaman, 1991: 508. (*Orchomene macronyx*).
 Non Ren & Huang, 1991: 248, fig. 38. (*Orchomene macronyx* = probably *Orchomenyx tabarini*).
 Jazdzewski *et al.*, 1992: 465, 469.
 De Broyer & Jazdzewski, 1993: 15, 72. (*Orchomenella (Orchomenyx) macronyx*).

Distribution:**E+W+G**

Adélie Coast: Géologie Archipelago, 55-60 m (DBS 72a).
Davis Sea: *Aurora 1912-14*, sta. 8, 216 m (GEN 38).
South Georgia: *Discovery 1925-27*, sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: tow-net of coarse silk, nets); sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom: grey mud; habitat: from branchial chamber of large ascidian; gear: large otter trawl, nets); sta. 149, mouth of Cumberland East Bay, 200-234 m (bottom: mud; habitat: from branchial chamber of ascidian; gear: large otter trawl, nets) (KHB 32).
South Shetland Islands: King George Island, Admiralty Bay, 44-170 m (gear: Van Veen grab) (KJ *et al.* 92).
Trinity Peninsula: Booth Island, 40 m (EC 05d).
Wilhelm Archipelago: 'Carthage Bay', 40 m; Port Charcot, 40 m (EC 06e).
Depth range: 40-270 m.
Type-locality: Trinity Peninsula: Booth Island, 40 m (EC 05d).
Type specimen location: MNHN, Paris.

***Orchomenyx schellenbergi* (Thurston, 1972)**

Thurston, 1972: 55, figs. 3, 4. (*Orchomene schellenbergi*).
 Schellenberg, 1931a: 43, fig. 22. (*Orchomenella macronyx*).
 Barnard K.H., 1932: 70, fig. 29. (*Orchomenella macronyx*, in part).
 Lowry & Bullock, 1976: 101. (*Orchomene schellenbergi*).
 De Broyer, 1983: 124.
 Barnard & Karaman, 1991: 509. (*Orchomene schellenbergi*).
 De Broyer & Jazdzewski, 1993: 72. (*Orchomenella (Orchomenyx) schellenbergi*).

Distribution:**W+G+M**

Trinity Peninsula: 63°36'S 55°50'W, 100-150 m (bottom/habitat: gravel, stones); 64°36'S 57°42'W, 125 m (bottom/

habitat: gravel, stones) (AS 31a).

South Georgia: Antarctic Bay, 54°12'S 36°50'W, 250 m (bottom/habitat: small stones); off Grytviken; 22 m (bottom/habitat: clay, algae); Cumberland Bay, 252-310 m (bottom/habitat: greyish clay, stones) (AS 31a); *Discovery 1925-27*, sta. 39, Cumberland East Bay, 179-235 m (bottom/habitat: grey mud; gear: large otter trawl); sta. MS 68, Cumberland East Bay, 220-247 m (habitat: from pharynx of ascidian; gear: small beam trawl, tow-net of coarse silk); sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: large otter trawl, nets); sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: tow-net of coarse silk, nets) (KHB 32).

Falkland Islands: Port Louis, Carenage Creek, 51°32'S 58°07'W, 1 m (bottom/habitat: sandy bottom with *Codium*) (AS 31a).

Depth range: 1-310 m.

Type-locality: South Georgia: off 'Jason Light', 238-270 m (MHT 72).

Type specimen location: NHM, London.

***Orchomenyx tabarini* (Thurston, 1972)**

Thurston, 1972: 58, figs. 5, 6. (*Orchomene tabarini*).

Thurston, 1974b: 60. (*Orchomene tabarini*).

Lowry & Bullock, 1976: 101. (*Orchomene tabarini*).

Andres, 1979b: 97. (*Orchomene tabarini*).

Andres, 1983: 212. (*Orchomene tabarini*).

Barnard & Karaman, 1991: 509. (*Orchomene tabarini*).

? Ren & Huang, 1991: 248, fig. 38. (*Orchomene macronyx*).

De Broyer & Jażdżewski, 1993: 15, 72. (*Orchomenella (Orchomenyx) tabarini*).

Distribution: **W(+P)**

South Shetland Islands: *Walther Herwig 1975-76*, sta. 168, Elephant Island, 61°30'S 55°00'W, 0-30 m (bottom: 620 m; gear: RMT) (HGA 79b); *Walther Herwig 1977-78*, sta. 382, 61°15'S 54°59'W, 0-120 m (bottom: 122 m; gear: RMT) (HGA 83); 62°12.2'S 58°55'W, 110 m (R&H 91).

Trinity Peninsula: Hope Bay, 55-73 m (MHT 72).

Depth range: 0-120 m.

Type-locality: Trinity Peninsula: Hope Bay, 55-73 m (MHT 72).

Type specimen location: NHM, London.

***Paralysianopsis odhneri* Schellenberg, 1931a**

Schellenberg, 1931a: 7, fig. 2.

Barnard K.H., 1931a: 425. (*Austronisimus rhinoceros*).

Barnard K.H., 1932: 38, fig. 6.

Nicholls, 1938: 11.

Barnard J.L., 1958e: 97.

Thurston & Allen, 1969: 356. (*Austronisimus rhinoceros*).

Lowry & Bullock, 1976: 102-103.

De Broyer, 1983: 197-198, figs. 57-59.

Lowry & Stoddart, 1984a: 104-108, figs. 4-6.

Barnard & Karaman, 1991: 513-514.

Gonzalez, 1991a: 59.

Jażdżewski *et al.*, 1992: 465, 469.

De Broyer & Jażdżewski, 1993: 73.

Jażdżewski *et al.*, 1996: 371.

Distribution: **E+W+G+M**

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 45 m (GEN 38).

Davis Sea: *PABE I*, sta. 12, Alasheyev Bight, 86 m (CDB 83).

Falkland Islands: *Swed. South Pol. Exp. 1901-03*, sta. 51, Port William, 51°40'S 57°42'W, 22 m (bottom/habitat: sand) (AS 31a; L&S 84a); Port Stanley, 2 m (bottom/habitat: kelp holdfasts) (AS 31a).

South Georgia: *Swed. South Pol. Exp. 1901-03*, sta. 26, off Grytviken, 54°22'S 36°27'W, 30 m (bottom/habitat: rocky bottom covered by algae) (AS 31a; L&S 84a); *Discovery 1925-27*, sta. WS 25, Undine Harbour, 18-27 m (bottom/habitat: mud, sand; gear: small beam trawl) (KHB 32).

South Shetland Islands: King George Island, Admiralty Bay, 147 m (gear: Van Veen grab) (KJ *et al.* 92).

Depth range: 2-147 m.

Type-locality: Falkland Islands: *Swed. South Pol. Exp. 1901-03*, Port William, 22 m (bottom/habitat: sand); Port Stanley, 2 m (bottom/habitat: kelp holdfasts) (AS 31a).

Type specimen location: NRS, Stockholm.

***Pseudokoroga barnardi* Schellenberg, 1931a**

Schellenberg, 1931a: 16, fig. 7.

Barnard J.L., 1958e: 98.

Lowry & Bullock, 1976: 104.

Barnard & Karaman, 1991: 523-524.

De Broyer & Jażdżewski, 1993: 74.

Distribution: **M**

Falkland Islands: Port Albemarle, 40 m (bottom/habitat: sand, algae) (AS 31a).

Depth range: 40 m.

Type-locality: Falkland Islands: Port Albemarle, 40 m (bottom/habitat: sand, algae) (AS 31a).

Type specimen location: NRS, Stockholm.

***Pseudokoroga spongiophila* Lörz & De Broyer, 2004**

Lörz & De Broyer, 2004: 889-899, figs. 1-5.

Distribution: **E+W**

Antarctic Peninsula: *Polarstern ANT XVII-3*, sta. 166-1, 63°01.90'S 59°10.00'W, 666 m (bottom/habitat: commensal in demosponges *Jophon spatulatus* and *Clathria pauper*; gear: bottom trawl) (L&DB 04).

Weddell Sea: eastern shelf, *Polarstern ANT XVII-3*, sta. 119-1, 70°50.40'S 10°35.20'W, 266 m (bottom/habitat: commensal of the demosponge *Jophon spatulatus*; gear: bottom trawl);

sta. 124-1, 70°50.40'S 10°35.10'W, 269 m (bottom/habitat: commensal in demosponges *Jophon spatulatus* and *Clathria pauper*; gear: bottom trawl) (L&DB 04).

Depth range: 266-666 m.

Type-locality: Weddell Sea: eastern shelf, *Polarstern ANT XVII-3*, sta. 124-1, 70°50.40'S 10°35.10'W, 269 m (gear: bottom trawl) (L&DB 04).

Type specimen location: ZMH, Hamburg.

***Pseudonesimoides cornutilabris* Bellan-Santini & Ledoyer, 1974**

Bellan-Santini & Ledoyer, 1974: 690.

Arnaud, 1974: 546, table 14, pl. 30, 31. (eco).

Lowry & Bullock, 1976: 104.

Lowry & Stoddart, 1983a: 389-390, fig. 78.

Barnard & Karaman, 1991: 524.

Distribution:

S

Iles Kerguelen: Golfe du Morbihan, Anse Joliette, 10-54 m; Ile Australia, 24 m (BS&L 74).

Macquarie Island: no loc. (L&S 83a).

Depth range: 10-54 m.

Type-locality: Iles Kerguelen: Golfe du Morbihan, Anse Joliette, 10-54 m; Ile Australia, 24 m (BS&L 74).

Type specimen location: MCSN, Verona.

***Pseudorchomene coatsi* (Chilton, 1912a)**

Chilton, 1912a: 477, pl. 1: figs. 8, 9. (?*Orchomenopsis coatsi*).

Schellenberg, 1926a: 295.

Barnard K.H., 1932: 74.

Nicholls, 1938: 39, fig. 20.

Barnard J.L., 1958e: 98.

Thurston & Allen, 1969: 367.

Arnaud, 1974: 572. (eco).

Lowry & Bullock, 1976: 104-105.

Lincoln & Hurley, 1981: 108, fig. 2c.

Lowry, 1982: 320.

Lowry & Stoddart, 1983a: 381-385, figs. 72-74.

Andres, 1983: 217.

De Broyer, 1983: 193-195, figs. 53-56.

Bellan-Santini & Ledoyer, 1987: 409.

Barnard & Karaman, 1991: 524-525.

Branch *et al.*, 1991: 13, fig. on p.13.

Klages, 1991: 50.

Jadzewski *et al.*, 1992: 465.

De Broyer & Jazdzewski, 1993: 74.

De Broyer *et al.*, 1999: 166.

Gutt *et al.*, 2000: 80-83.

Dauby *et al.*, 2001a: 69-86. (eco).

Takeuchi *et al.*, 2001: 653-655.

De Broyer *et al.*, 2004: 1740, table 3-4. (eco).

Distribution:

E+W+G+S(+Ba)

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a);

Shackleton Glacier (JKL 82).

Enderby Land: Shackleton Glacier, 66°18'S 54°58'E, 486 m (GEN 38); Lützow-Holm Bay, 67°43'15"S 44°27'71"E, 68°55.3'S 38°55.3'E, 171-353 m (gear: baited trap) (IT *et al.* 01).

Kerguelen Island: Golfe du Morbihan, 50-105 m (CDB 83).

Macquarie Island: low tide-121 m (GEN 38); Buckles Bay, 54°30'S 158°57'E, 15 m (bottom/habitat: sandy substrate; gear: baited trap) (L&S 83a).

Prince Edward Islands: *Marion Dufresne 08*, sta. 10 CL 76, 46°52.8'S 37°52.5'E, 45 m; sta. 11 CL 77, 46°52.2'S 37°53.9'E, 115-120 m; sta. 112 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 17 BB 97, 46°52.5'S 37°53.5'E, 110 m (bottom/habitat: muddy sand); sta. 20 CP 116, 46°47.2'S 38°03.5'E, 180 m; sta. 24 CC 128, 46°52.8'S 37°52.5'E, 52 m (BS&L 87).

South Georgia: *Discovery 1925-27*, sta. 41, off Barff Point, 150-240 m (gear: tow-net); sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: tow-net of coarse silk, nets); sta. 142, Cumberland East Bay, 88-273 m (bottom/habitat: mud; gear: large otter trawl, tow-net of coarse silk); sta. 154, Jason Harbour to Larsen Point, 60-160 m (bottom/habitat: mud; gear: nets) (KHB 32); *Walther Herwig 1975-76*, sta. 354, 53°37'S 37°16'W, 0-200 m (bottom: 285 m; gear: RMT); *Walther Herwig 1977-78*, sta. 138, 54°15'S 36°37'W, 0-205 m (bottom: 213 m; gear: RMT); sta. 474, 53°52'S 37°15'W, 0-158 m (bottom: 280 m; gear: RMT); sta. 492, 55°00'S 35°30'W, 0-120 m (bottom: 125 m; gear: RMT) (HGA 83).

South Shetland Islands: *Walther Herwig 1977-78*, sta. 340, 64°00'S 54°57'W, 0-50 m (bottom: 340 m; gear: RMT); sta. 345, 63°56'S 55°07'W, 0-355 m (bottom: 355 m; gear: RMT); sta. 347, 63°08'S 57°00'W, 0-185 m (bottom: 190 m; gear: RMT) (HGA 83); King George Island, Admiralty Bay (KJ *et al.* 92); *Polarstern ANT XV/3 (EASIZ II)*, sta. 291/312, King George Island, 62°16.6'S 58°15.8'W, 798 m (gear: baited trap); sta. 292/315, King George Island, 62°11.3'S 58°20.2'W, 414 m (gear: baited trap); sta. 100, King George Island, 61°25'S 58°54'W, 2280 m (gear: baited trap) (CDB *et al.* 04).

Weddell Sea: *Scotia 1902-04*, sta. 411, Coats Land, 74°01'S 22°W, 290 m (CC 12a); eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 29 BP 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00); *Polarstern ANT VII/4*, sta. 275, Kapp Norvegia, 71°39.5'S 12°04.4'W, 236 m (gear: baited trap); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 04, Kapp Norvegia, 71°40.6'S 12°31'W, 421 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 11/25, Drescher Inlet, 72°50.8'S 19°55'W, 377 m (gear: baited trap); sta. 27/76, Kapp Norvegia, 71°19'S 12°24.2'W, 171 m (gear: baited trap); sta. 38/75, Kapp Norvegia, 70°59'S 11°09.1'W, 389 m (gear: baited trap); sta. 094/119, Vestkapp, 73°35.7'S 22°23.4'W, 813 m (gear: baited trap); sta. 102/122, Vestkapp, 73°36'S 22°00.5'W, 396 m (gear: baited trap); sta. 138/155, Halley Bay, 74°39.8'S 27°13.1'W, 798 m (gear: baited trap); sta. 160/179, Halley Bay, 74°40'S 26°57.9'W, 403 m (gear: baited trap); sta. 202/233, Kapp Norvegia, 70°57'S 11°40.6'W, 808 m (gear: baited trap);

sta. 203/234, Kapp Norvegia, 70°58.8'S 11°39.4'W, 442 m (gear: baited trap); sta. 251/267, Drescher Inlet, 72°47.8'S 19°31.4'W, 895 m (gear: baited trap); sta. 280/284, Atka Bay, 70°27.4'S 07°55.9'W, 550 m (gear: baited trap); sta. 266, Drescher Inlet, 72°50.5'S 19°21.8'W, 419 m (gear: baited trap); sta. 255/268, Drescher Inlet, 72°48.4'S 19°39.6'W, 1453 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 0-2280 m.

Type-locality: Weddell Sea: *Scotia 1902-04*, sta. 411, Coats Land, 74°01'S 22°00'W, 290 m (CC 12a).

Type specimen location: RSM, Edinburgh.

Stephensenia haematopus Schellenberg, 1928a

Schellenberg, 1928a: 285, fig. 2.

Schellenberg, 1931a: 12, figs. 4-6.

Barnard J.L., 1958e: 99.

Lowry & Bullock, 1976: 106.

Escofet, 1977: 156, fig. 1. (bio, eco).

Barnard & Karaman, 1991: 533-534.

Gonzalez, 1991a: 59.

De Broyer & Jazdzewski, 1993: 75.

Distribution:

M

Magellan area: Paramo (AS 31a); Golfo San José (AME 77); Estrecho de Magallanes (EG 91a).

Depth range:

Type-locality: Magellan area: Paramo (AS 31a).

Type specimen location: NRS, Stockholm.

Tryphosella analogica (K.H. Barnard, 1932)

Barnard K.H., 1932: 52, fig. 17. (*Tryphosa analogica*).

Barnard J.L., 1958e: 100. (*Tryphosa analogica*).

Barnard J.L., 1962d: 30, (in key). (*Tryphosa analogica*).

Barnard J.L., 1969c: 365. (by implication).

Thurston & Allen, 370. (*Tryphosa analogica*).

Lowry & Bullock, 1976: 107.

Andres, 1983: 217.

De Broyer, 1983: 200.

Barnard & Karaman, 1991: 537.

De Broyer & Jazdzewski, 1993: 76.

Distribution:

G

South Georgia: *Discovery 1925-27*, sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: tow-net of coarse silk, nets); sta. 156, 53°51'S 36°21'W, 200-236 m (bottom/habitat: rock; gear: large heavy dredge); sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge); sta. WS 25, Undine Harbour, 18-27 m (bottom/habitat: mud, sand; gear: small beam trawl) (KHB 32); *Walther Herwig 1977-78*, sta. 492, 55°00'S 35°30'W, 0-120 m (bottom: 125 m; gear: RMT) (HGA 83).

Depth range: 18-236 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. WS 25, Undine Harbour, 18-27 m (bottom/habitat: mud, sand;

gear: small beam trawl) (KHB 32).

Type specimen location: NHM, London.

Tryphosella bispinosa (Schellenberg, 1931a)

Schellenberg, 1931a: 32, fig. 14. (*Tryphosa bispinosa*).

Ruffo, 1949: 8. (*Tryphosa bispinosa*).

Barnard J.L., 1962d: 30, (in key). (*Tryphosa bispinosa*).

Barnard J.L., 1969c: 365. (by implication).

Bellan-Santini, 1972a: 217.

Lowry & Bullock, 1976: 107.

Andres, 1983: 217.

De Broyer, 1983: 201-202, figs. 60-62.

Barnard & Karaman, 1991: 537.

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 76.

De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution:

E+W+G+M(+Ba)

Adélie Coast: Cape Géodésie, 45-80 m (DBS 72a).

Bellingshausen Sea: *Belgica 1897-99*, 71°19'S 87°37'W; 70°23'S 82°47'W (SR 49).

Davis Sea: *SAE 1955-58*, *Ob*, sta. 164, 65°17'05" S 91°42'05" E, 430-540 m (CDB 83).

Falkland Islands: Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae) (AS 31a).

Princess Ragnhild Coast: *EABN 1964-65*, 2 stations, Breid Bay, 234-270 m (CDB 83).

Shag Rocks: 53°34'S 43°23'W, 160 m (bottom/habitat: sand, gravel) (AS 31a).

South Georgia: off Grytviken, 12-30 m (bottom/habitat: sand, algae); Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a).

South Shetland Islands: *Walther Herwig 1977-78*, sta. 434, 64°00'S 64°30'W, 100-382 m (bottom: 385 m; gear: RMT) (HGA 83).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3*, sta. 06, Kapp Norvegia, 71°31.5'S 13°31.4'W, 234 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 12-540 m.

Type-locality: Falkland Islands: Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae) (AS 31a). Shag Rocks: 53°34'S 43°23'W, 160 m (bottom/habitat: sand, gravel); South Georgia: off Grytviken, 12-30 m (bottom/habitat: sand, algae); Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a).

Type specimen location: NRS, Stockholm.

Tryphosella castellata (K.H. Barnard, 1932)

Barnard K.H., 1932: 53, fig. 18. (*Tryphosa castellata*).

Barnard J.L., 1958e: 101. (*Tryphosa castellata*).

Barnard J.L., 1962d: 30, (in key). (*Tryphosa castellata*).

Barnard J.L., 1969c: 365. (by implication).

Thurston & Allen, 1969: 370. (*Tryphosa castellata*).

Sanderson, 1973: 38.

Lowry & Bullock, 1976: 107.
Barnard & Karaman, 1991: 537.
De Broyer & Jazdzewski, 1993: 76.

Distribution:**M**

Magellan area: *Discovery 1925-27*, sta. 222, Isla Hermite, Caleta San Martin, 30-35 m (gear: large fish trap, large rectangular net) (KHB 32).

Depth range: 30-35 m.

Type-locality: Magellan area: *Discovery 1925-27*, sta. 222, Isla Hermite, Caleta San Martin, 30-35 m (gear: large fish trap, large rectangular net) (KHB 32).

Type specimen location: NHM, London.

***Tryphosella cicadopsis* (Schellenberg, 1926a)**

Schellenberg, 1926a: 278, fig. 22. (*Tmetonyx cicadopsis*).

Barnard J.L., 1958e: 100. (*Tmetonyx cicadopsis*).

Barnard J.L., 1962d: 30, (in key). (*Tryphosa cicadopsis*).

Barnard J.L., 1969c: 365. (by implication).

Lowry & Bullock, 1976: 107.

Barnard & Karaman, 1991: 537.

De Broyer & Jazdzewski, 1993: 76.

De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution:**E(+Ba)**

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Weddell Sea: *Polarstern ANT XV/3 (EASIZ II)*, sta. 160/179, Halley Bay, 74°40'S 26°57.9'W, 403 m (gear: baited trap); sta. 203/234, Kapp Norvegia, 70°58.8'S 11°39.4'W, 442 m (gear: baited trap); sta. 280/284, Atka Bay, 70°27.4'S 07°55.9'W, 550 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 385-550 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Tryphosella intermedia* (Schellenberg, 1926a)**

Schellenberg, 1926a: 269, fig. 17. (*Tryphosa intermedia*).

Barnard J.L., 1958e: 101. (*Tryphosa intermedia*).

Barnard J.L., 1962d: 30, (in key). (*Tryphosa intermedia*).

Barnard J.L., 1969c: 365. (by implication).

Lowry & Bullock, 1976: 107.

De Broyer, 1983: 202-203, figs. 63-65.

Barnard & Karaman, 1991: 537.

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 15, 76.

Gutt *et al.*, 2000: 80-83.

De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution:**E(+Ba)**

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Princess Ragnhild Coast: *EABN 1964-65*, sta. 232, Breid Bay,

300 m (CDB 83).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl) (JG *et al.* 00); *Polarstern ANT XV/3 (EASIZ II)*, sta. 138/155, Halley Bay, 74°39.8'S 27°13.1'W, 798 m (gear: baited trap); sta. 152, Halley Bay, 74°36.8'S 26°53.9'W, 597 m (gear: baited trap); sta. 160/179, Halley Bay, 74°40'S 26°57.9'W, 403 m (gear: baited trap); sta. 202/233, Kapp Norvegia, 70°57'S 11°40.6'W, 808 m (gear: baited trap); sta. 203/234, Kapp Norvegia, 70°58.8'S 11°39.4'W, 442 m (gear: baited trap); sta. 251/267, Drescher Inlet, 72°47.8'S 19°31.4'W, 895 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 300-895 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Tryphosella longitelson* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 54, fig. 20. (*Tmetonyx longitelson*).

Ruffo, 1949: 8. (*Tmetonyx longitelson*).

Barnard J.L., 1958e: 100. (*Tmetonyx longitelson*).

Barnard J.L., 1962d: 30, (in key). (*Tryphosa longitelson*).

Barnard J.L., 1969c: 365. (by implication).

Thurston & Allen, 1969: 369. (*Tmetonyx longitelson*).

Lowry & Bullock, 1976: 108.

Andres, 1983: 217.

Barnard & Karaman, 1991: 537.

De Broyer & Jazdzewski, 1993: 76.

Distribution:**E+G**

Bellingshausen Sea: *Belgica 1897-99*, 71°18'S 88°02'W (SR 49).

South Georgia: *Discovery 1925-27*, sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32); *Walther Herwig 1977-78*, sta. 492, 55°00'S 35°30'W, 0-120 m (bottom: 125 m; gear: RMT) (HGA 83).

Depth range: 120-160 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.

***Tryphosella longiseta* Ren, 1991**

Ren 1991 in Ren & Huang, 1991: 253-255, 309-310, figs. 41-42.

De Broyer & Jazdzewski, 1993: 15, 76.

De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution:**E+W(+Ba)**

South Shetland Islands: King George Island, 62°14.4'S 58°51.7'W, 345m (bottom/habitat: sand). (R&H 91)

Weddell Sea: *Polarstern ANT XV/3 (EASIZ II)*, sta. 202/233, Kapp Norvegia, 70°57'S 11°40.6'W, 808 m (gear: baited trap)

(CDB *et al.* 04).

Depth range: 345-808 m.

Type-locality: South Shetland Islands: King George Island, 62°14.4'S 58°51.7'W, 345m (bottom/habitat: sand). (R&H 91)

Type specimen location: IOQ, Qingdao.

***Tryphosella macropareia* (Schellenberg, 1926a)**

Schellenberg, 1926a: 274, fig. 19. (*Tryphosa macropareia*).

Dahl, 1954: 281. (*Tryphosa macropareia*).

Barnard J.L., 1958e: 101. (*Tryphosa macropareia*).

Barnard J.L., 1962d: 30, (in key). (*Tryphosa macropareia*).

Barnard J.L., 1969c: 365. (by implication).

Lowry & Bullock, 1976: 108.

De Broyer, 1983: 203-204, figs. 66-68.

Barnard & Karaman, 1991: 537.

De Broyer & Jażdżewski, 1993: 76.

De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution: **E(+Ba)**

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Ross Sea: 'Discovery Inlet', 550 m (ED 54).

Princess Ragnhild Coast: *EAB 1960-61*, sta. 153, Breid Bay, 255 m (CDB 83).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 04, Kapp Norvegia, 71°40.6'S 12°31'W, 421 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 202/233, Kapp Norvegia, 70°57'S 11°40.6'W, 808 m (gear: baited trap); sta. 094/119, Vestkapp, 73°35.7'S 22°23.4'W, 813 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 255-813 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Tryphosella marri* Thurston, 1974b**

Thurston, 1974b: 61, figs. 22, 23

Thurston, 1974a: 19, fig. 7v-x. (*Tryphosella cf. triangularis*).

Lowry & Bullock, 1976: 108.

Barnard & Karaman, 1991: 537.

De Broyer & Jażdżewski, 1993: 76.

Distribution: **W**

Trinity Peninsula: Hope Bay; Jagged Rocks and Grunden Rocks (MHT 74b).

Depth range:

Type-locality: Trinity Peninsula: Hope Bay; Jagged Rocks and Grunden Rocks (MHT 74b).

Type specimen location: NHM, London.

***Tryphosella murrayi* (Walker, 1903a)**

Walker, 1903a: 50, pl. 9, figs. 45-51. (*Tryphosa murrayi*).

Stebbing, 1906: 720. (*Tryphosa murrayi*).

Walker, 1907: 16. (*Tryphosa murrayi*, in part; part = *Uristes adareii*).

Chilton, 1912a: 467. (*Tryphosa murrayi*).

Non Schellenberg, 1926a: 267, fig. 16. (*Tryphosa murrayi* = *Uristes adareii*).

Schellenberg, 1931a: 32. (*Tryphosa murrayi*).

Nicholls, 1938: 27. (*Tryphosa murrayi*).

Dahl, 1954: 281. (*Tryphosa murrayi*).

Barnard J.L., 1958e: 101. (*Tryphosa murrayi*).

Barnard J.L., 1962d: 29. (*Tryphosa murrayi*).

Hurley, 1965b: 165, figs. 7, 8. (*Uristes murrayi*).

Emison, 1968: 202, fig. 10, tables 10-12. (eco). (*Uristes murrayi*).

Thurston & Allen, 1969: 371. (*Tryphosa murrayi*).

Bellan-Santini, 1972a: 217, pls. 29, 30. (*Uristes murrayi*).

Bellan-Santini, 1972b: 699. (*Uristes murrayi*).

Arnaud, 1974: 536, 572, 592. (eco). (*Uristes murrayi*).

Lowry & Bullock, 1976: 111. (*Uristes murrayi*).

De Broyer, 1983: 204-206.

Nagata, 1986a: 253-255, figs. 5-6. (*Uristes murrayi*).

Barnard & Karaman, 1991: 537.

Klages, 1991: 50.

Jażdżewski *et al.*, 1992: 465.

De Broyer & Jażdżewski, 1993: 76.

Jażdżewski *et al.*, 1996: 371.

De Broyer *et al.*, 1999: 167.

Gutt *et al.*, 2000: 80-83.

Olaso *et al.*, 2000: 143-158. (eco).

Takeuchi *et al.*, 2001: 654 (*Uristes murrayi*).

Dauby *et al.*, 2001a: 69-86. (eco).

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2001: 744-753. (eco)

Nyssen *et al.*, 2002: 280-287. (eco).

De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution: **E+W(+Ba)**

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 6-91 m; *Aurora 1912-14*, sta. 1, Commonwealth Bay, 640-732 m; sta. 2, Commonwealth Bay, 527-549 m; sta. 3, Commonwealth Bay, 287 m (GEN 38); Géologie Archipelago, 60-140 m (DBS 72a).

Davis Sea: 94°E, 494 m; 91°E, 430-540 m; 'Gauss Station', 66°02'S 89°38'E, surface, 170-177 m and 385 m (AS 26a).

Enderby Land: Lützow-Holm Bay, 67°43'15"S 44°27'71"E, 68°55.3S 38°55.3E, 171-353 m (gear: baited trap) (IT *et al.* 01).

Kemp Coast: *SAE 1955-58*, sta. 204, 65°59'02"S 57°09'08"E, 265-290 m (CDB 83).

Queen Mary Coast: Shackleton Glacier, 66°18'S 54°58'E, 486 m (GEN 38).

Princess Ragnhild Coast: *EAB 1960-61*, 2 sta., *EABN 1964-65*, 4 sta., Breid Bay, 200-255 m (CDB 83).

Mawson Coast: *SAE 1955-58*, sta. 198, 66°48'02"S 63°50'E, 165-180 m (CDB 83).

Ross Sea: *Southern Cross 1898-1900*, Cape Adare (AOW 03a); *Discovery 1901-04*, Cape Adare; Mc Murdo Sound, Winter Quarters Bay (AOW 07); 'Discovery Inlet', 550 m (ED 54); Cape Crozier (WBE 68).

South Shetland Islands: King George Island, Admiralty Bay (KJ *et al.* 92).

Weddell Sea: *Scotia 1902-04*, sta. 411, Coats Land, 74°01'S 22°00'W, 290 m (CC 12a); western shelf, 65°56'S 54°35'W, 920 m (bottom/habitat: stones, mud) (AS 31a); eastern shelf (MK 91; CDB *et al.* 99), *Polarstern ANT XIII/3 (EASIZ I)*, sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl); sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 24 AGT 06, Kapp Norvegia, 71°08.15'S 11°32.25'W, 123 m (gear: Agassiz trawl); sta. 16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 80-920 m (CDB *et al.* 01), (FN *et al.* 02); *Polarstern ANTVII/4*, sta. 275, Kapp Norvegia, 71°39.5'S 12°04.4'W, 236 m (gear: baited trap); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05, Kapp Norvegia, 71°40.2'S 12°45.3'W, 223 m (gear: baited trap); sta. 06, Kapp Norvegia, 71°31.5'S 13°31.4'W, 234 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 11/25, Drescher Inlet, 72°50.8'S 19°55.5'W, 377 m (gear: baited trap); sta. 38/75, Kapp Norvegia, 70°59'S 11°09.1'W, 389 m (gear: baited trap); sta. 160/179, Halley Bay, 74°40'S 26°57.9'W, 403 m (gear: baited trap); sta. 203/234, Kapp Norvegia, 70°58.8'S 11°39.4'W, 442 m (gear: baited trap); sta. 251/267, Drescher Inlet, 72°47.8'S 19°31.4'W, 895 m (gear: baited trap); sta. 266, Drescher Inlet, 72°50.5'S 19°21.8'W, 419 m (gear: baited trap); sta. 280/284, Atka Bay, 70°27.4'S 07°55.9'W, 550 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 5-920 m.

Type-locality: Ross Sea: *Southern Cross 1898-1900*, Cape Adare (AOW 03a).

Type specimen location: NHM, London.

?*Tryphosella paramoi* (Schellenberg, 1931a)

Schellenberg, 1931a: 41, figs. 20, 21. (*Tmetonyx paramoi*).

Barnard J.L., 1958e: 100. (*Tmetonyx paramoi*).

Barnard J.L., 1962d: 30, (in key). (*Tryphosa paramoi*).

Barnard J.L., 1969c: 365. (by implication).

Lowry & Bullock, 1976: 108.

Barnard & Karaman, 1991: 537. (quest. gen.; possibly *Tryphosoides*).

Gonzalez, 1991a: 59.

De Broyer & Jazdzewski, 1993: 76.

Distribution:

M

Magellan area: Paramo (AS 31a); Estrecho de Magallanes (EG 91a).

Depth range:

Type-locality: Magellan area: Paramo (AS 31a).

Type specimen location: NRS, Stockholm.

Tryphosella schellenbergi Lowry & Bullock, 1976

Lowry & Bullock 1976: 7, 108. (nom. nov.).

Schellenberg, 1931a: 40, fig. 19. (*Tmetonyx serratus*).

Schellenberg, 1935a: 232. (*Tmetonyx serratus*).

Ruffo, 1947d: 327. (*Tmetonyx serratus*).

Barnard J.L., 1958e: 100. (*Tmetonyx serratus*).

Barnard J.L., 1962d: 29, 30, (in key). (junior homonym). (*Tryphosa serrata*).

Barnard J.L., 1967a: 42. (*Tmetonyx serratus*).

Barnard J.L., 1969c: 365. (junior homonym, by implication). (*Tryphosella serrata*).

Alonso, 1987a: 5-9, figs. 35-55. (*Tmetonyx serratus*).

Barnard & Karaman, 1991: 537 (*Tryphosella serrata*).

Gonzalez, 1991a: 60.

Alonso, 1993a: 381, fig.4. (*Tmetonyx serratus*).

De Broyer & Jazdzewski, 1993: 76.

Costanzo & Crescenti, 1997: 23-26, fig. 3.3.1-3.

De Broyer & Rauschert, 1999: 285, table 1.

Chiesa *et al.*, 2005: 170.

Distribution:

M+

Falkland Islands: Port William, 12 m (bottom/habitat: rocks); Port Stanley (AS 31a); Islas Malvinas (GMA 87); *Shinkai Maru IV*, sta. 93, 50°31'S 60°29'W, 154 m; sta. 96, 50°32'S 57°56'W, 143 m; *Shinkai Maru V*, sta. 102, 51°30'S 63°19'W, 80 m; *Shinkai Maru X*, sta. 95, 50°29'S 59°29'W, 152 m; sta. 106, 51°38'S 57°18'W, 189 m; *Shinkai Maru XI*, sta. 105, 51°29'S 61°50'W, 192 m (GMA 93a).

Magellan area: Magellan Sound; Canal Smith, 0-45 m; Bahia Gente Grande, 4-5 m (bottom/habitat: algae); Bahia Inutil, 36-54 m (bottom/habitat: shells); Bahia Ushuaia, 9-22 m (AS 31a); 'Penguin Rookery', Isla de los Estados (SR 47d); Santa Cruz, Ria Deseado, Peninsula Foca, Dos Hermanas, Punta Cascajo; San Julian, Cabo Curioso; Tierra del Fuego: Bahia Golondrina (GMA 87); Patagonian shelf: *Shinkai Maru X*, sta. 72, 48°21'S 61°27'W, 145 m; sta. 59, 46°28'S 61°30'W, 121 m; *Shinkai Maru XI*, sta. 82, 49°28'S 60°28'W, 188 m; *Shinkai Maru IV*, sta. 128, 54°30'S 64°25'W, 111 m; sta. 119, 53°31'S 66°27'W, 95 m (GMA 93a); Estrecho de Magallanes, Secunda Angostura, 10-30 m (Co&C 97); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Depth range: 0-192 m.

Type-locality: Falkland Islands: Port William, 12 m (bottom/habitat: rocks); Port Stanley; Magellan area: Magellan Sound; Canal Smith, 0-45 m; Bahia Gente Grande, 4-5 m (bottom/habitat: algae); Bahia Inutil, 36-54 m (bottom/habitat: shells); Bahia Ushuaia, 9-22 m (AS 31a).

Extralimital distribution: Chile.

Extralimital depth range:

Type specimen location: NRS, Stockholm; ZMH, Hamburg.

***Tryphosella serans* Lowry & Stoddart, 1983b**

Lowry & Stoddart, 1983b: 385-388, figs. 75-77.

Barnard & Karaman, 1991: 537.

De Broyer & Jazdzewski, 1993: 77.

Distribution:**S+**

Campbell Island: Perseverance Harbour, 4 stations, 14-23 m (L&S 83b).

The Snares: west side of Western Chain, 48°07'S 166°36'E, 120 m; off West side of Main Island, 1 station, 146 m (L&S 83b).

Depth range: 120 m.

Type-locality: The Snares: west side of Western Chain, 48°07'S 166°36'E, 120 m (L&S 83b).

Type specimen location: NMNZ, Wellington; AM, Sydney; NHM, London; USNM, Washington.

?*Tryphosella serrata* (Schellenberg, 1931a)

Schellenberg, 1931a: 34, figs. 15, 16. (*Tryphosa serrata*).

Barnard J.L., 1958e: 101. (*Tryphosa serrata*).

Barnard J.L., 1962d: 29, 30, (in key). (senior homonym). (*Tryphosa serrata*).

Barnard J.L., 1969c: 365. (senior homonym, by implication).

Lowry & Bullock, 1976: 108-109.

De Broyer, 1983: 206.

Gonzalez, 1991a: 60.

Barnard & Karaman, 1991: 537. (quest. gen.; ?*Tryphosella serrata*).

De Broyer & Jazdzewski, 1993: 77.

Distribution:**G+M+**

Magellan area: Bahia Harris, 27 m (bottom/habitat: shells); Bahia Inutil, 36-54 m (bottom/habitat: shells); Puerto Eugenia, 18-27 m (bottom/habitat: clay, algae); Isla Nueva; Isla Navarino, 54 m (bottom/habitat: shells) (AS 31a); Estrecho de Magallanes (EG 91a).

South Georgia: off Grytviken, 22-50 m (bottom/habitat: clay, algae) (AS 31a).

Depth range: 18-54 m.

Type-locality: Magellan area: Bahia Harris, 27 m (bottom/habitat: shells); Bahia Inutil, 36-54 m (bottom/habitat: shells); Puerto Eugenia, 18-27 m (bottom/habitat: clay, algae); Isla Nueva; Isla Navarino, 54 m (bottom/habitat: shells) (AS 31a).

South Georgia: off Grytviken, 22-50 m (bottom/habitat: clay, algae) (AS 31a).

Extralimital distribution: Argentina.

Extralimital depth range:

Type specimen location: NRS, Stockholm.

***Tryphosella triangularis* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 51, fig. 16. (*Tryphosa triangularis*).

Barnard J.L., 1958e: 101. (*Tryphosa triangularis*).

Barnard J.L., 1962d: 30, (in key). (*Tryphosa triangularis*).

Barnard J.L., 1969a: 365. (by implication).

Thurston & Allen, 1969: 371. (*Tryphosa triangularis*).

Thurston, 1974b: 61, fig. 24.

Non-Thurston, 1974a: 19, fig. 7v-x. (*Tryphosella* cf. *triangularis* = *Tryphosella marri*).

Lowry & Bullock, 1976: 109.

Barnard & Karaman, 1991: 537.

De Broyer & Jazdzewski, 1993: 77.

Distribution:**G**

South Georgia: *Discovery 1925-27*, sta. 140, Stromness Harbour to Larsen Point, 26-136 m (bottom/habitat: green mud, stones; gear: nets); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: tow-net of coarse silk, nets); sta. 145, Stromness Harbour, 26-35 m (bottom/habitat: weedy ground; gear: small beam trawl); sta. 141, Cumberland East Bay, 17-27 m (bottom/habitat: mud; gear: small beam trawl); sta. WS 25, Undine Harbour, 18-27 m (bottom/habitat: mud, sand; gear: small beam trawl); sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Depth range: 17-178 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.

***Tryphosella trigonica* (Stebbing, 1888)**

Stebbing, 1888: 630, pl. 9. (*Hippomedon trigonicus*).

Stebbing, 1906: 70. (*Tryphosa trigonica*).

Schellenberg, 1926b: 195. (*Tryphosa trigonica*).

Barnard J.L., 1958e: 101. (*Tryphosa trigonica*).

Barnard J.L., 1962d: 30, (in key). (*Tryphosa trigonica*).

Barnard J.L., 1969c: 365. (by implication).

Thurston & Allen, 1969: 371. (*Tryphosa trigonica*).

Lowry & Bullock, 1976: 109.

Barnard & Karaman, 1991: 537.

De Broyer & Jazdzewski, 1993: 77.

Distribution:**S**

Iles Kerguelen: *Challenger 1873-76*, no loc., 55-219 m (TRS 88); no loc. (AS 26c).

Depth range: 55-219 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, no loc., 55-219 m (TRS 88).

Type specimen location: NHM, London.

***Tryphosites chevreuxi* Stebbing, 1914b**

Stebbing, 1914b: 355, pl. 3.

Schellenberg, 1931a: 36, fig. 17.

Barnard K.H., 1932: 54, fig. 19.

Schellenberg, 1935a: 232.

Barnard J.L., 1958e: 102.

Thurston & Allen, 1969: 372.
 Lowry & Bullock, 1976: 109.
 De Broyer, 1983: 208.
 Alonso, 1987a: 4-5, fig d. 16-34.
 Barnard & Karaman, 1991: 538.
 Gonzalez, 1991a: 60.
 Alonso, 1993: 381, fig. 4.
 De Broyer & Jazdzewski, 1993: 77.
 De Broyer & Rauschert, 1999: 285, table 1.
 Chiesa *et al.*, 2005: 170.

Distribution:**M+**

Falkland Islands: Roy Cove, 14 m; Whales Bay (TRS 14b); Port Albemarle, 40 m (bottom/habitat: sand, algae); Port William, 17 m; Port Louis, 7 m and 8 m (bottom/habitat: mud, shells, clay, rock with algae) Port Louis, Carenage Creek, 1 m (bottom/habitat: sand); Port Stanley, 2-9 m (bottom/habitat: kelp holdfasts) (AS 31a); *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets); sta. WS 71, off Cape Pembroke, 82 m (bottom/habitat: sand; gear: commercial otter trawl); sta. WS 92, 51°58'S 65°01'W, 143-145 m (bottom/habitat: fine dark sand; gear: nets) (KHB 32); *Shinkai Maru X*, sta. 133, 54°16'S 60°03'W, 100 m; *Shinkai Maru XI*, sta. 105, 51°29'S 61°50'W, 192 m (GMA 93).

Magellan area: Bahia Borja, 18 m (bottom/habitat: algae); Bahia Fortescue, 18-22 m (bottom/habitat: algae); Canal Fitzroy, 13-14 m (bottom/habitat: stones, gravel); Cabo Valentina, 270 m (bottom/habitat: shells); Bahia Gente Grande, 4-5 m (bottom/habitat: algae); Punta Arenas, 13-14 m (bottom/habitat: shells, sand, algae); Magellan Sound; Canal Smith, 14-45 m; Isla Elizabeth, beach; Puerto Hope, 11-18 m (bottom/habitat: cliffs, algae); Seno AlAdmirantazgo, 36 m; Puerto del Hambre; Puerto Condor, 90 m (bottom/habitat: rocks, ascidians, sponges); Bahia Harris, beach; Bahia Inutil, 36-54 m (bottom/habitat: shells); Ushuaia, 18-27 m (bottom/habitat: clay, algae); Bahia Ushuaia, 2-27 m; Puerto Eugenia, 18-27 m; Isla Navarino, 18 m (bottom/habitat: algae); Isla Nueva, 54 m (bottom/habitat: shells); Caleta Lennox, 18-36 m (bottom/habitat: Florideae); Ultima Esperanza, 13-18 m (bottom/habitat: algae, silt and stones) (AS 31a); *Discovery 1925-27*, sta. 222, Isla Hermite, Caleta San Martin, 30-35 m (gear: large fish trap, large rectangular net) (KHB 32); Tierra del Fuego, 274 m (AS 31a); *Shinkai Maru IV*, sta. 128, 54°30'S 64°25'W, 111 m; sta. 111, 52°29'S 64°35'W, 163 m; *Shinkai Maru X*, sta. 122, 53°18'S 64°25'W, 169 m; *Shinkai Maru XI*, sta. 71, 48°29'S 62°32'W, 138 m (GMA 93); Argentina, Prov. Chubut, Camarones, El Pescadero, 44°48.2'S 65°43.0'W, 7-8 m (CDB 83); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge); Bahia Aguirre, 54°54'S 65°57'W, 30-35 m (gear: dredge); Bahia Buen Suceso, 54°47'S 65°14'W, 12 m (gear: dredge); (ILC *et al.* 05).

Depth range: 1-274 m.**Type-locality:** Falkland Islands: Roy Cove, 14 m; Whales Bay (TRS 14b).**Extralimital distribution:** Chile: Valparaiso, 33°S, 11-15 m (AS 31a); Argentina (GMA 93a).**Extralimital depth range:** 11- 102 m.**Type specimen location:** NHM, London. (?)**Tryphosites sp. Andres, 1975b**

Andres, 1975b: 16.

Gonzalez, 1991a: 60.

Distribution:**M****Magellan area:** no loc. (HGA 75b). Golfo de Ancud, Canal Desertores (EG 91a).**Depth range:****Tryphosoides falcata Schellenberg, 1931a**

Schellenberg, 1931a: 38, fig. 18.

Barnard J.L., 1958e: 102.

Barnard J.L., 1962d: 35. (*Uristes falcatus*).Barnard J.L., 1963: 459, 460, (in key). (*Uristes falcatus*).

Barnard J.L., 1969c: 367.

Lowry & Bullock, 1976: 110.

Barnard & Karaman, 1991: 538.

Gonzalez, 1991a: 60.

De Broyer & Jazdzewski, 1993: 77.

Distribution:**M****Magellan area:** Paramo, from the throat of *Haematopus* (AS 31a); Estrecho de Magallanes (EG 91a).**Depth range:****Type-locality:** Magellan area: Paramo, from the throat of *Haematopus* (AS 31a).**Type specimen location:** NRS, Stockholm.**Family OPSIDAE Lowry & Stoddart, 1995b****Podoprionides incerta Walker, 1906a**

Walker, 1906a: 457.

Walker, 1907: 17, pl. 5: fig. 8.

Schellenberg, 1926a: 242, fig. 3.

Barnard K.H., 1930: 321.

Barnard J.L., 1958e: 98.

Lowry & Bullock, 1976: 104.

Barnard & Karaman, 1991: 519-520.

De Broyer & Jazdzewski, 1993: 74.

Takeuchi *et al.*, 2001: 653-654.**Distribution:****E****Davis Sea:** 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).**Enderby Land:** Lützw-Holm Bay, 69°55.3'S 38°55.3E, 171 m (gear: baited trap) (IT *et al.* 01).**Ross Sea:** *Discovery 1901-04*, Mc Murdo Sound, Winter

Quarters Bay (AOW 06a, AOW 07).

Depth range: 171-385 m.

Type-locality: Ross Sea: Mc Murdo Sound, Winter Quarters Bay (AOW 06a).

Type specimen location: NHM, London.

Family PACHYNIDAE Lowry & Stoddart, in press

Subfamily Pachyninae Lowry & Stoddart, in press

Ekelofia eltanin Lowry & Stoddart, in press

Lowry & Stoddart, in press: 8-9, figs.

Distribution: **E**
Ross Sea: *Eltanin* 51, sta. 5762, 76°02.1'S 179°57.0'W to 76°02.3'S 179°52.1'W, 347-358 m (gear: Menzies trawl) (L&S in press).

Depth range: 347-358 m.

Type-locality: Ross Sea: *Eltanin* 51, sta. 5762, 76°02.1'S 179°57.0'W to 76°02.3'S 179°52.1'W, 347-358 m (gear: Menzies trawl) (L&S in press).

Type specimen location: USNM, Wahington.

Ekelofia oculata (Schellenberg, 1931a)

Schellenberg, 1931a: 20, fig. 9. (*Pachychelium oculatum*).

Barnard J.L., 1958e: 97. (*Pachychelium oculatum*).

Ruffo, 1975b: 444. (*Pachychelium oculatum*).

Lowry & Bullock, 1976: 102. (*Pachychelium oculatum*).

Lowry, 1984b: 97-99, figs. 37-38.

Barnard & Karaman, 1991: 483.

De Broyer & Jażdżewski, 1993: 67.

Lowry & Stoddart, in press

Distribution: **G**
South Georgia: off Grytviken, 54°22'S 36°27'W, 25-50 m (bottom/habitat: greyish clay, some algae) (AS 31a).

Depth range: 25-50 m.

Type-locality: South Georgia: off Grytviken, 54°22'S 36°27'W, 25-50 m (bottom/habitat: greyish clay, some algae) (AS 31a).

Type specimen location: NRS, Stockholm.

Figorella macrophoculata Ren, 1991

Ren in Ren & Huang, 1991: 245-247, 307-308, fig. 36.

De Broyer & Jażdżewski, 1993: 68.

Lowry & Stoddart, in press

Distribution: **W(Ba)**

South Shetland Islands: King George Island, 61°11.1'S 56°23.3'W, 578 m (bottom/habitat: mud, sand) (R&H 91).

Depth range: 578 m.

Type-locality: South Shetland Islands: King George Island,

61°11.1'S 56°23.3'W, 578 m (bottom/habitat: mud, sand) (R&H 91).

Type specimen location: IOQ, Qingdao.

Figorella tanidea J.L. Barnard, 1962d

Barnard J.L., 1962d: 25, figs. 7, 8, table 12.

Ruffo, 1975b: 444.

Lowry & Bullock, 1976: 90.

Lowry, 1984b: 92, figs. 31-33.

Barnard & Karaman, 1991: 487.

De Broyer & Jażdżewski, 1993: 68.

Gutt *et al.*, 2000: 80-83.

Lowry & Stoddart, in press

Distribution: **E+W(+Ab)**

Scotia Sea: East Scotia Basin, *Vema* 14, sta. 47, 55°29'S 37°57'W, 3770 m (gear: small benthic trawl) (JLB 62d).

Weddell Sea: *Polarstern* ANT XIII/3 (*EASIZ* I), sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 446-3770 m.

Type-locality: Scotia Sea: East Scotia Basin, *Vema* 14, sta. 47, 55°29'S 37°57'W, 3770 m (gear: small benthic trawl) (JLB 62d).

Type specimen location: LGOC, New York.

[*Pachychelium antarcticum* Schellenberg, 1926a = *nomen dubium*]

Schellenberg, 1926a: 296, fig. 30.

Lowry & Bullock, 1976: 101 (in part).

Lowry, 1984b: 104.

Barnard & Karaman, 1991: 510.

De Broyer & Jażdżewski, 1993: 72. (in part).

Lowry & Stoddart, in press

Distribution: **E**

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Depth range: 385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

Remarks: Lowry & Stoddart (in press) regarded *Pachychelium antarcticum* as an unidentifiable taxon and treated it as a *nomen dubium*.

Ultimachelium barnardi (Alonso de Pina, 1993)

Alonso de Pina, 1993: 377-380, figs.1-3. (*Pachychelium barnardi*).

De Broyer & Jażdżewski, 1993: 72. (*Pachychelium barnardi*).

Lowry & Stoddart, in press

Distribution: **M**

Magellan area: Santa Cruz, Ria Deseado, 47°45'S 65°55'W, 6 m. (GMA 93)

Depth range: 6 m.

Type-locality: Magellan area: Santa Cruz, Ria Deseado, 47°45'S 65°55'W, 6 m. (GMA 93)

Type specimen location: MACN, Buenos Aires.

***Ultimachelium nichollsi* (Lowry, 1984b)**

Lowry, 1984b: 103-104. (*Pachychelium nichollsi*).

Nicholls, 1938: 14, fig. 3. (*Pachychelium antarcticum*).

Bellan-Santini, 1972a: 215, pl. 28. (*Pachychelium antarcticum*).

Lowry & Bullock, 1976: 101. (*Pachychelium antarcticum* in part).

Lowry, 1982: 320. (*Pachychelium antarcticum*).

Barnard & Karaman, 1991: 510. (*Pachychelium nichollsi*).

De Broyer & Jazdzewski, 1993: 72. (*Pachychelium nichollsi*).

Lowry & Stoddart, in press

Distribution: **E(+Ba)**

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 45-720m (GEN 38); Cape Géodésie, 220-240m (DBS 72a).

Depth range: 45-720 m.

Type-locality: Adélie Coast: Cape Géodésie, 220-240m (DBS 72a).

Type specimen location: AM, Sydney.

***Ultimachelium schellenbergi* (Lowry, 1984b)**

Lowry, 1984b: 102, figs. 39-41. (*Pachychelium schellenbergi*).

Schellenberg, 1931a: 19, fig. 8. (*Pachychelium antarcticum*).

? Barnard K.H., 1932: 75, fig. 32. (questioned by Lowry, 1984b). (*Pachychelium davidis*).

Barnard & Karaman, 1991: 510. (*Pachychelium schellenbergi*).

Gonzalez, 1991a: 59. (*Pachychelium schellenbergi*).

De Broyer & Jazdzewski, 1993: 73. (*Pachychelium schellenbergi*).

Lowry & Stoddart, in press

Distribution: **?G+M**

Falkland Islands: *Swed. South Pol. Exp. 1901-03*, Berkeley Sound, 51°34'S 57°55'W, 16 m (bottom/habitat: gravel, mussels, algae) (AS 31a; JKL 84b); ? *Discovery 1925-27*, sta. 58, Port Stanley, 1-2 m (bottom/habitat: piles of jetty; gear: mussel rake) (KHB 32).

Magellan area: Punta Arenas (bottom/habitat: kelp holdfasts); Isla Picton, Banner Cove, 5 m (bottom/habitat: kelp holdfasts); *Swed. Exp. Magellan. 1895-97*, Ultima Esperanza, 51°34'S 72°45'W, 13-15 m (bottom/habitat: algae, silt, stones) (AS 31a; JKL 84b).

? **South Georgia:** *Discovery 1925-27*, sta. 39, Cumberland East Bay, 179-235 m (bottom/habitat: grey mud; gear: large otter trawl) (KHB 32).

Depth range: 1-18 m (? 179-235 m).

Type-locality: Magellan area: *Swed. Exp. Magellan. 1895-97*, Ultima Esperanza, 51°34'S 72°45'W, 13-15 m (bottom/habitat: algae, silt, stones); *Swed. South Pol. Exp. 1901-03*, Berkeley Sound, 51°34'S 57°55'W, 16 m (bottom/habitat: gravel, mussels, algae) (AS 31a; JKL 84b)

Type specimen location: ZMB, Berlin; NRS, Stockholm.

***Ultimachelium tac* Lowry & Stoddart, in press**

Lowry & Stoddart, in press

Distribution: **M**

Magellan area: *Lund Univ. Chile Exp.*, sta. M41A, Chile, Golfo de Ancud, east-south-east of Isla Tac, 42°26'40"S 72°59'00"W, 250-300 m (bottom/habitat: sand and clay with small stones and shells; gear: triangular dredge) (L&S).

Depth range: 250-300 m.

Type-locality: Magellan area, *Lund Univ. Chile Exp.*, sta. M41A, Chile, Golfo de Ancud, east-south-east of Isla Tac, 42°26'40"S 72°59'00"W, 250-300 m (bottom/habitat: sand and clay with small stones and shells; gear: triangular dredge) (L&S).

Type specimen location: NRS, Stockholm.

***Drummondia luce* Lowry & Stoddart, in press**

Lowry & Stoddart, in press

Distribution: **M**

Magellan area: *Lund Univ. Chile Exp.*, sta. M65A, Chile, Golfo Corcovado, Baja Vettor Pisani, 42°46.5'S 73°28.1"W, 8 m (bottom/habitat: coarse clean sand; gear: circular dredge) (L&S).

Depth range: 8 m.

Type-locality: **Magellan area:** *Lund Univ. Chile Exp.*, sta. M65A, Chile, Golfo Corcovado, Baja Vettor Pisani, 42°46.5'S 73°28.1"W, 8 m (bottom/habitat: coarse clean sand; gear: circular dredge) (L&S).

Type specimen location: NRS, Stockholm.

***Renella sculptidentata* (Ren, 1991)**

Ren in Ren & Huang, 1991: 242-245, 306-307, fig. 34, 35. (*Drummondia sculptidentata*).

De Broyer & Jazdzewski, 1993: 67. (*Drummondia sculptidentata*)

Gutt *et al.*, 2000: 80-83. (*Drummondia sculptidentata*).

Lowry & Stoddart, in press

Distribution: **E+W**

South Shetland Islands: King George Island, 62°06.8'S 58°23.5'W, 400 m (bottom/habitat: sand and mud with rocks) (R&H 91).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 16 BT

09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 246-400 m.

Type-locality: South Shetland Islands: King George Island, 62°06.8'S 58°23.5'W, 400 m (bottom/habitat: sand and mud with rocks) (R&H 91).

Type specimen location: IOQ, Qingdao.

Family SCOPELOCHEIRIDAE Lowry & Stoddart, 1997

Paracallisoma sp. Schellenberg, 1926a

Schellenberg, 1926a: 258, fig. 11. (*Paracallisoma alberti*, in part).

Birstein & Vinogradov, 1962b: 34. (*Paracallisoma alberti*).

Lowry & Bullock, 1976: 102. (*Paracallisoma alberti*, in part).

Thurston, 1990: 266.

Barnard & Karaman, 1991: 510-511. (*Paracallisoma alberti*, in part).

De Broyer & Jazdzewski, 1993: 73. (*Paracallisoma alberti*, in part).

Distribution: **E(Ba+Ab)(+P)**

Southern Ocean, Indian Sector: 61°58'S 95°01'E, 2000 m (AS 26a); *SAE 1955-58, Ob*, sta. 36, 62°55'S 118°52'E, 0-3700 m (bottom: 3741 m; gear: plankton net); sta. 227, 67°29'S 30°59'E, 0-4500 m (bottom: 3553 m; gear: anchovy net) (B&V 62b).

Depth range: 0-4500 m. (benthopelagic: collected in baited traps).

Remarks: Thurston (1990) considered that *Paracallisoma alberti* Chevreux and *Scopelocheirus coecus* Holmes were erroneously synonymized by Schellenberg, 1926a, on the basis of a single young specimen from Antarctic waters. The former species is restricted to the northeast Atlantic Ocean and the latter one occurs in the Pacific Ocean. The Southern Ocean material of *Paracallisoma alberti* is currently under revision by Thurston, Horton & Andres.

Scopelocheiropsis abyssalis Schellenberg, 1926a

Schellenberg, 1926a: 260, fig. 12.

? Birstein & Vinogradov, 1962b: 34-36, fig. 1. (questioned by Barnard & Karaman, 1991).

Lowry & Bullock, 1976: 105.

Barnard & Karaman, 1991: 527-528.

De Broyer & Jazdzewski, 1993: 74.

Vinogradov G.M., 1999: 1166, fig. 4.23.

Distribution: **?An+(P)**

? Southern Ocean, Pacific Sector: *SAE 1955-58, Ob*, sta. 57, 64°03'S 161°59'E, 0-3000 m (bottom: 3000 m; gear: plankton net) (B&V 62b).

Depth range: 0-3000 m.

Type-locality: Atlantic Ocean: 17°28'N 29°42'W, 3000 m (AS 26a).

Extralimital distribution: North Atlantic Ocean.

Extralimital depth range:

Type specimen location: ZMB, Berlin.

Scopelocheirus schellenbergi Birstein & Vinogradov, 1958

Birstein & Vinogradov, 1958: 224.

Schellenberg, 1955: 185. (*Paracallisoma* sp.)

Dahl, 1959: 223. (*Bathycallisoma pacifica*)

Birstein & Vinogradov, 1960: 178.

Birstein & Vinogradov, 1964: 161-162.

Birstein & Vinogradov, 1970: 402.

Kamenskaya, 1981a: 42.

Vinogradov & Vinogradov, 1993: 130-131.

Distribution: **An++(P)**

South Orkney Islands: Orkney Deep [Orkney Trench], *Dimitri Mendeleev*, sta. 4088, 60°50'S 41°11'W, 4430 m (bottom: 6100 m, habitat: bycatch in the water column; gear: Sigsby trawl 2.5 m); sta. 4090, 60°52'S 40°58'W, 5560-6145 m (bottom/habitat: bycatch in the water column; gear: Sigsby trawl 2.5 m) (V&V 93).

Depth range: 4430-6145 m.

Type-locality: Kurile-Kamtschatka Trench, 0-8000 m (B&V 58).

Extralimital distribution: Kurile-Kamtschatka Trench, 0-8000 m; (B&V 58; B&V 70); Puerto Rico Trench (AS 55); Kermadec Trench (ED 59); New Hebrides Trench; Tonga Trench; Java Trench (B&V 60; B&V 64); Aleutian Trench (OEK 81a).

Extralimital depth range: Abyssopelagic.

Type specimen location: MUG, Moscow.

SOPHROSYNID Group

Sophrrosyne antarctica Ren, 1991

Ren in Ren & Huang, 1991: 249-251, 308-309, fig. 39.

De Broyer & Jazdzewski, 1993: 15, 75.

Distribution: **W(+Ba)**

South Shetland Islands: 62°50.6'S 60°20.5'W, 860 m (bottom/habitat: mud) (R&H 91).

Palmer Archipelago: 63°30'S 62°31'W, 180 m (bottom/habitat: sand) (R&H 91).

Depth range: 180-860 m.

Type-locality: South Shetland Islands: 62°50.6'S 60°20.5'W, 860 m (bottom/habitat: mud) (R&H 91).

Palmer Archipelago: 63°30'S 62°31'W, 180 m (bottom/habitat: sand) (R&H 91).

Type specimen location: IOQ, Qingdao.

Sophrrosyne murrayi Stebbing, 1888

Stebbing, 1888: 652, pl. 15.

Della Valle, 1893: 795, pl. 60: fig. 38.

Stebbing, 1906: 21.
 Thurston & Allen, 1969: 368.
 Lowry & Bullock, 1976: 105.
 Barnard & Karaman, 1991: 533.
 De Broyer & Jazdzewski, 1993: 15, 75.

Distribution:

Iles Kerguelen: *Challenger 1873-76*, off Port-Christmas (TRS 88).

Depth range:

Type-locality: Iles Kerguelen: *Challenger 1873-76*, off Port-Christmas (TRS 88).

Type specimen location: NHM, London.

THORIELLID Group***Chevreuxiella obensis* Birstein & Vinogradov, 1962b**

Birstein & Vinogradov, 1962b: 42-45, figs. 6, 7.
 Lowry & Bullock, 1976: 86.
 Barnard & Karaman, 1991: 476.
 De Broyer & Jazdzewski, 1993: 67. (*Danaella obensis*).

Distribution:**An(P)**

Southern Ocean: Drake Passage: *SAE 1955-58, Ob*, sta. 464, 58°11'S 61°00'W, 0-1000 m (bottom: 3527 m; gear: midwater trawl) (B&V 62b).

Depth range: 0-1000 m.

Type-locality: Drake Passage: *SAE 1955-58, Ob*, sta. 464, 58°11'S 61°00'W, 0-1000 m (bottom: 3527 m; gear: midwater trawl) (B&V 62b).

Type specimen location: MUG, Moscow.

***Danaella mimonectes* Stephensen, 1925b**

Stephensen, 1925b: 426-428, figs. 1-3.
 Andres, 1983: 186.
 Barnard & Karaman, 1991: 481.
 De Broyer & Jazdzewski, 1993: 67.
 Vinogradov G.M., 1999: 1163, fig. 4.14.

Distribution:**An+Sa+(P)**

Drake Passage: *Walther Herwig 1977-78*, sta. 245, 61°08'S 57°21'W, depth? (bottom: 3200 m; gear: RMT) (HGA 83).

Magellan area: 58°11'S 61°00'W, 500-? 3200 m (GV 99).

Depth range: 500- ? 3200 m (bathypelagic).

Type-locality: Atlantic Ocean: 61°47'N 52°55'W, 3000 m; 59°21'N 37°56'W, 3000 m (KS 25b).

Type specimen location: ZMUC, Copenhagen.

Family URISTIDAE Hurley, 1963***Abyssorhomene charcoti* (Chevreux, 1912a)**

Chevreux, 1912a: 209. (*Orchomenopsis charcoti*).

Chevreux, 1913c: 92, figs. 4-6. (*Orchomenopsis charcoti*).
 Schellenberg, 1931a: 49. (*Orchomenopsis charcoti*).
 Barnard K.H., 1932: 70, fig. 27f. (*Orchomenella charcoti*).
 Ruffo, 1949: 10. (*Orchomenella charcoti*).
 Barnard J.L., 1958e: 96. (*Orchomenella charcoti*).
 Barnard J.L., 1964e: 89, (in key). (*Orchomene charcoti*).
 Lowry & Bullock, 1976: 96. (*Orchomene charcoti*).
 Shulenberg & Barnard, 1976: 248. (*Orchomene charcoti*).
 De Broyer, 1983: 153-154, fig. 39a-c.
 Barnard & Karaman, 1991: 508. (*Orchomene charcoti*).
 De Broyer & Jazdzewski, 1993: 64.
 Gutt *et al.*, 2000: 80-83.
 De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution:**E+W**

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Lazarev Sea: *SAE 1955-58*, 13°E, 180 m (CDB 83).

Palmer Archipelago: Port Lockroy, Neumayer Channel [Canal de Roosen], 60-70 m (EC 13c).

Trinity Peninsula: 64°36'S 57°42'W, 125 m (bottom/habitat: gravel, stones) (AS 31a).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl) (JG *et al.* 00); sta. 05, Kapp Norvegia, 71°40.2'S 12°45.3'W, 223 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 60-446 m.

Type-locality: Palmer Archipelago: Port Lockroy, Neumayer Channel [Canal de Roosen], 60-70 m (EC 13c).

Type specimen location: MNHN, Paris.

***Abyssorhomene nodimanus* (Walker, 1903a)**

Walker, 1903a: 44, pl. 7: figs. 13-17. (*Orchomenopsis nodimanus*).
 Stebbing, 1906: 721. (*Orchomenella nodimana*).
 Chilton, 1912a: 473. (*Orchomenopsis nodimanus*).
 Chilton, 1925a: 176. (*Orchomenopsis nodimanus*).
 Barnard K.H., 1932: 68, fig. 27l. (*Orchomenella nodimanus*).
 Nicholls, 1938: 36, fig. 16. (*Orchomenella nodimanus*).
 Ruffo, 1949: 10. (*Orchomenella nodimana*).
 Barnard J.L., 1958e: 97. (*Orchomenella nodimanus*).
 Barnard J.L., 1964e: 89, (in key). (*Orchomene nodimanus*).
 Thurston & Allen, 1969: 365. (*Orchomenella nodimanus*).
 Bellan-Santini, 1972a: 212, pl. 27. (*Orchomene nodimanus*).
 Bellan-Santini, 1972b: 695. (*Orchomene nodimanus*).
 Arnaud, 1974: 568, 569, table 22. (eco). (*Orchomene nodimanus*).
 Thurston, 1974a: 20. (*Orchomene nodimanus*).
 Lowry & Bullock, 1976: 98. (*Orchomene nodimanus*).
 Lowry, 1982: 320. (*Orchomenella nodimanus*).
 De Broyer, 1983: 155-157.
 Barnard & Karaman, 1991: 508. (*Orchomene nodimanus*).
 Klages, 1991: 50. (*Orchomene nodimanus*).

De Broyer & Jażdżewski, 1993: 64.

De Broyer *et al.*, 1999: 166.

Gutt *et al.*, 2000: 80-83.

Dauby *et al.*, 2001a: 69-86. (eco).

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution: **E+W(+Ba)**

Adélie Coast: Géologie Archipelago, 10-90 m (DBS 72a); Dumont d'Urville, 50-120 m (CDB 83).

Ross Sea: *Southern Cross 1898-1900*, Cape Adare, 48 m (AOW 03a).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay (gear: trap), 16-27 m (CC 12a); Signy Island, Borge Bay, 5-10 m; Paal Harbour, 20-25 m (MHT 74a).

Weddell Sea: eastern shelf (MK 91; CDB *et al.* 99); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl) (JG *et al.* 00); (PD *et al.* 01); *Polarstern ANT VII/4 (EPOS III)*, sta. 275, Kapp Norvegia, 71°39.5'S 12°04.4'W, 236 m (gear: baited trap); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 04, Kapp Norvegia, 71°40.6'S 12°31.0'W, 421 m (gear: baited trap); sta. 05, Kapp Norvegia, 71°40.2'S 12°45.3'W, 223 m (gear: baited trap); sta. 06, Kapp Norvegia, 71°31'S 13°31.4'W, 234 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 27/76, Kapp Norvegia, 71°19'S 12°24.2'W, 171 m (gear: baited trap); sta. 094/119, Vestkapp, 73°35.7'S 22°23.4'W, 813 m (gear: baited trap); sta. 280/284, Atka Bay, 70°27.4'S 07°55.9'W, 550 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 5-813 m.

Type-locality: Ross Sea: *Southern Cross 1898-1900*, Cape Adare, 48 m (AOW 03a).

Type specimen location: NHM, London.

***Abyssoorchomene plebs* (Hurley, 1965a)**

Hurley, 1965a: 109, figs. 1, 2. (*Orchomenella plebs*).

Chevreaux, 1906e: 13. (*Orchomenopsis proxima*).

Walker, 1907: 14. (*Orchomenopsis rossi*, in part).

Chilton, 1912a: 473. (*Orchomenopsis chilensis*, in part, part = *Abyssoorchomene rossi*).

Schellenberg, 1926a: 290. (*Orchomenopsis chilensis* f. *proxima*).

Barnard K.H., 1930: 327, 449. (*Orchomenopsis chilensis* f. *rossi*).

Barnard K.H., 1932: 69, fig. 27 e. (*Orchomenella rossi*, in part).

Shoemaker, 1945d: 289. (*Orchomenella chilensis* f. *proxima*).

Ruffo, 1949: 10. (*Orchomenella proxima*).

Armitage, 1962: 225-232, figs. 1-3, tables 1, 2. (eco). (*Orchomenella chilensis*, in part; part = *Abyssoorchomene rossi*).

Littlepage & Pearse, 1962: 680. (eco). (*Orchomenella proxima*).

Pearse, 1963: 43 (eco). (*Orchomenella proxima*).

Dearborn, 1967: 45. (eco). (*Orchomenella plebs*).

Emison, 1968: 202, fig. 10, tables 10-12 (eco). (*Orchomenella plebs*).

Holloway, 1969: 188. (eco). (*Orchomenella plebs*).

Arnaud, 1970: 261. (eco). (*Orchomenella plebs*).

Bellan-Santini, 1972a: 212. (*Orchomene plebs*).

Arnaud, 1974: 536, 568, 569, 571, 573, table 22. (eco). (*Orchomene plebs*).

Thurston, 1974b: 59, (Appendix A). (*Orchomene plebs*).

Lowry & Bullock, 1976: 99. (*Orchomene plebs*).

Andres, 1979b: 96-98. (*Orchomene plebs*).

Bruchhausen *et al.*, 1979: 449. (*Orchomene plebs*).

Lipps *et al.*, 1979: 447-448, table 1. (*Orchomene plebs*).

Lincoln, 1979: 21, pl. 3d. (*Orchomene plebs*).

Lincoln & Hurley, 1981: 108. (*Orchomene plebs*).

Opaliński, 1982: 367-373. (eco). (*Orchomene plebs*).

Andres, 1983: 203-204. (*Orchomene plebs*).

De Broyer, 1983: 146-149, fig. 12a.

Hopkins, 1985a: 166-168. (eco). (*Orchomene plebs*).

Hopkins, 1985b: 197-212. (eco). (*Orchomene plebs*).

Arnaud *et al.*, 1986: 17, table 1. (*Orchomene plebs*).

Nagata, 1986a: 252-253, figs. 2e-h, 4. (*Orchomene plebs*).

Presler, 1986: 37. (*Orchomene plebs*) (eco).

Slattery & Oliver, 1986: 171-176. (*Orchomene plebs*).

Foster *et al.*, 1987: 49-53. (eco). (*Orchomene plebs*).

Hopkins, 1987: 95-104. (eco). (*Orchomene plebs*).

Piatkowski, 1989a: 1-10. (eco). (*Orchomene plebs*).

Piatkowski, 1989b: 251-259. (eco). (*Orchomene plebs*).

Andres, 1990: 135, fig. 267.

Siegel & Piatkowski, 1990: 373-386. (eco). (*Orchomene plebs*).

Boysen-Ennen *et al.*, 1991: 227-235. (eco). (*Orchomene plebs*).

Barnard & Karaman, 1991: 508. (*Orchomene plebs*).

Klages, 1991: 50. (*Orchomene plebs*).

Jażdżewski *et al.*, 1992: 465.

De Broyer & Jażdżewski, 1993: 64.

Jażdżewski *et al.*, 1996: 371.

? Costanzo & Crescenti, 1997: 19-22, fig. 3.2.1-3.

De Broyer *et al.*, 1999: 166.

Jażdżewski & Konopacka, 1999: 317. (eco).

Dauby *et al.*, 2001a: 69-86. (eco).

Kahle & Zauke, 2003: 359-384. (tox). (*Orchomene plebs*).

De Broyer *et al.*, 2004: 1740, table 3. (eco).

La Mesa *et al.*, 2004: 724, table 2. (eco).

Distribution: **E+W+S+?M(+Ba)(+P)**

Adélie Coast: Cape Géodésie, 66°40'S 139°51'E, 320 m (DBS 72a).

Banzare Coast: *SAE 1955-58*, sta. 43, 65°41'06"S 125°35'08"E, 451-454 m (CDB 83).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m; Gaussberg, 170 m (AS 26a; MHT 74b); *SAE 1955-58*, sta. D2, 450 m (CDB 83).

Macquarie Island: *SAE 1955-58*, sta. 68, 54°29'07"S 158°58'06"E, 24 m (CDB 83).

? **Magellan area:** Estrecho de Magallanes: off Isla Carlos III, 400-600 m; Isla Tamar, 20-40 m (Co&C 97).

Palmer Archipelago: 'East Base' (CRS 45d); *Discovery* 1925-27, sta. 189, Port Lockroy, 7 m (gear: large fish trap); sta. 178, Schollaert Channel, Melchior Harbour, 17 m (gear: large fish trap); sta. 181, Schollaert Channel, 160-335 m (bottom/habitat: mud; gear: nets); sta. 184, Anvers Island, Fournier Bay, 36 m (gear: large fish trap) (KHB 32); Port Lockroy, hole No.1-2 (gear: baited fish trap); Goudier island, Boat Harbour, on seal skull immersed for cleaning (MHT 74b); *Hero*, Croker Passage, 64°05'S 62°50'W, 0-1000 m (gear: Tucker midwater trawl) (TLH 85b).

Princess Ragnhild Coast: *EABN* 1964-65, 2 sta., Breid Bay, 234-250 m (CDB 83).

Ross Sea: White Island (DEH 65a), (L&P 63); Cape Armitage, 240 m (KBA 62); 77°51'S 166°40'E (HLH 69); Cape Crozier; Beaufort Island; Franklin Island (WBE 68); *Nimrod* 1907-1909, McMurdo Sound, 13-36 m (KHB 30); *Discovery* 1901-04, Mc Murdo Sound, Winter Quarters Bay, 26 m (AOW 07); White Island, McMurdo Sound, 2-180 m (MHT 74b); 82°22.5'S 168°37.5'W, 597 m (gear: baited trap) (PMB *et al.* 79); McMurdo Sound, 60-600 m (gear: baited traps) (S&O 86); McMurdo Sound (bottom/habitat: in stomach contents of *Pagothenia borchgrevinki*) (BAF *et al.* 87); Terra Nova Bay, between Campbell Glacier Tongue and Cape Russell, from stomach content of *Trematomus bernacchii* (ML *et al.* 2004).

South Orkney Islands: *Scotia* 1902-04, sta. 325, Laurie Island, Scotia Bay, 16-49 m (gear: trap baited with penguin; seal skeleton) (CC 12a).

South Shetland Islands: *Discovery* 1925-27, sta. 173, Deception Island, Port Foster, 5-60 m (gear: tow-net of coarse silk); sta. 208, Livingston Island, 0-800 m (gear: young fish trawl) (KHB 32); *Walther Herwig* 1975-76, sta. 168, Elephant Island, 61°30'S 55°00'W, 200-600 m (bottom: 620-1050 m; gear: RMT) (HGA 79b); *John Biscoe*, 0-200 m (gear: RMT) (UP 89b); King George Island, Admiralty Bay (gear: baited trap) (PPr 86); King George Island, Admiralty Bay (KJ *et al.* 92); *Polarstern ANT XV/3 (EASIZ II)*, sta. 291/312, King George Island, 62°16.6'S 58°15.8'W, 798 m (gear: baited trap); sta. 292/315, King George Island, 62°11.3'S 58°20.2'W, 414 m (gear: baited trap) (CDB *et al.* 04).

Trinity Peninsula: Hope Bay, Hut Cove, 9 m (gear: baited water bottle) (MHT 74b).

Weddell Sea: *Scotia* 1902-04, sta. 411, Coats Land, 74°01'S 22°W, 290 m (CC 12a); *Polarstern ANT I*, along the shelf-ice edge from Atka Bay to Gould Bay and along the marginal pack ice zone ranging from Kapp Norvegia to the northwestern part of the Weddell Sea, 0-300 m (gear: RMT) (UP 89a); *Polarstern ANT I*, 0-300 m (gear: RMT) (BE *et al.* 91); eastern shelf (MK 91; CDB *et al.* 99); *Polarstern ANT VII/4 (EPOS III)*, sta. 228, Halley Bay, 75°14.4'S 26°42.1'W, 399 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 11/25, Drescher Inlet, 72°50.8'S 19°55.5'W, 377 m (gear: baited trap); sta. 102/122, Vestkapp, 73°36'S 22°00.5'W, 396 m (gear: baited trap); sta. 160/179, Halley Bay, 74°40'S 26°57.9'W, 403 m (gear: baited trap); sta. 280-284, Atka Bay, 70°27.4'S 07°55.9'W, 550 m (gear: baited trap) (CDB *et al.* 04).

Wilhelm Archipelago: Port Charcot, 20 m (EC 06e).

Depth range: 7-550 m (P: epi- and mesopelagic, 0-1000 m).

Type-locality: Ross Sea: White Island (DEH 65a).

Type specimen location: USNM, Washington; NZOI, Wellington; NMNZ, Wellington; NHM, London.

***Abyssoorchomene rossi* (Walker, 1903a)**

Walker, 1903a: 45, pl. 7: figs. 18-23. (*Orchomenopsis rossi*).

Stebbing, 1906: 721. (*Orchomenella rossi*).

Walker, 1907: 14. (*Orchomenopsis rossi*, in part; part = *Orchomene plebs*).

Strauss, 1909: 12-14, pl. 1: figs. 1-4, pl. 2: fig. 12. (*Orchomenopsis rossi*).

Chilton, 1912a: 473. (*Orchomenopsis chilensis*, in part; part = *Orchomene plebs*).

Chevreaux, 1913c: 92. (*Orchomenopsis rossi*).

Schellenberg, 1926a: 288, fig. 26. (*Orchomenopsis chilensis f. rossi*).

Non Barnard K.H., 1930: 327, 449. (*Orchomenopsis chilensis f. rossi* = *Orchomene plebs*).

Schellenberg, 1931a: 49. (*Orchomenopsis chilensis f. rossi*).

Barnard K.H., 1932: 69, fig. 27 e. (*Orchomenella rossi*, in part; part = *Orchomene plebs*).

Nicholls, 1938: 38, fig. 19. (*Orchomenella rossi*).

Shoemaker, 1945d: 289. (*Orchomenella chilensis f. rossi*).

Stephensen, 1947a: 35. (*Orchomenella rossi*).

Ruffo, 1949: 10. (*Orchomenella rossi*).

Dahl, 1954: 282. (*Orchomenopsis rossi*).

Armitage, 1962: 225-232, figs. 1-3, tables 1, 2. (eco). (*Orchomenella chilensis*, in part; part = *Orchomene plebs*).

Barnard J.L., 1964e: 89, (in key). (*Orchomene rossi*).

Hurley, 1965b: 155, figs. 1, 2. (*Orchomenella rossi*).

Dearborn, 1967: 45. (eco). (*Orchomenella rossi*).

Emison, 1968: 202, fig. 10, tables 10-12. (eco). (*Orchomenella rossi*).

Holloway, 1969: 188. (eco). (*Orchomenella rossi*).

Thurston & Allen, 1969: 366. (*Orchomenopsis rossi*).

Arnaud, 1970: 261. (eco). (*Orchomenella rossi*).

Bellan-Santini, 1972a: 215. (*Orchomene rossi*).

Bellan-Santini, 1972b: 695. (*Orchomene rossi*).

Arnaud, 1974: 536, 568, 569, 571, 573, 592, table 22. (eco). (*Orchomene rossi*).

Thurston, 1974b: 59, (Appendix A). (*Orchomene rossi*).

Lowry & Bullock, 1976: 100. (*Orchomene rossi*).

Andres, 1979b: 96-98.

Bruchhausen *et al.*, 1979: 449. (*Orchomene rossi*)

Lipps *et al.*, 1979: 447-448, fig 1, table 1.

Opaliński, 1982: 367-373. (*Orchomene rossi*). (phl).

Andres, 1983: 204-205.

De Broyer, 1983: 150-152, fig. 12a, photos 4-9, 15-16.

Hopkins, 1985b: 197-212. (eco).

Foster *et al.*, 1987: 51. (eco).

Hopkins, 1987: 96, 98, 101, 103. (eco).

Voss, 1988: 54.

Piatkowski, 1989a: 1-10. (eco). (*Orchomene rossi*).

Piatkowski, 1989b: 251-259. (eco). (*Orchomene rossi*).

Andres, 1990: 135, fig. 266.

Siegel & Piatkowski, 1990: 373-386. (eco).
 Boysen-Ennen *et al.*, 1991: 227-235. (eco).
 Barnard & Karaman, 1991: 508. (*Orchomene rossii*).
 Klages, 1991: 50.
 Kaufmann *et al.*, 1993: 138-141. (eco).
 De Broyer & Jazdzewski, 1993: 64.
 Jazdzewski *et al.*, 1996: 371.
 De Broyer *et al.*, 1999: 166.
 Gutt *et al.*, 2000: 80-83.
 Dauby *et al.*, 2001a: 69-86. (eco).
 Dauby *et al.*, 2001b: 657-662. (eco).
 De Broyer *et al.*, 2004: 1740, table 3-4. (eco).
 Fisher *et al.* 2004: 349-352, table 2-7. (eco). (*Orchomene rossii*).

Distribution: **E+W+G(+Ba)(+P)**

Adélie Coast: Cape Géodésie, 66°40'S 139°51'E, 115-320 m; Géologie Archipelago, 7-40 m (DBS 72a), 50 m (CDB 83).

Banzare Coast: *SAE 1955-58*, sta. 43A, 65°41'06"S 125°35'08"E, 451 m; sta. 332, 65°38'S 125°14'E, 444 m (CDB 83).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a); Shackleton Glacier, under the ice, less than 7 m, 494 m (GEN 38); *SAE 1955-58*, sta. D2. 450 m (CDB 83).

Kemp Coast: *SAE 1955-58*, sta. 204, 65°59'02"S 57°09'08"E, 265-290 m (CDB 83).

Marguerite Bay: Stonington Island, surface (MHT 74b).

Oates Coast: *SAE 1955-58*, sta. 337, 69°48'S 161°49'E, 1070 m (CDB 83).

Palmer Archipelago: Flandres Bay, 7-70 m (EC 13c); Elephant Island, *Walther Herwig 1975-76*, sta. 168, 0-610 m (bottom: 620-1550 m; gear: RMT) (HGA 79b); *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (bottom/habitat: mud; gear: nets); sta. 189, Port Lockroy, 7-70 m (gear: large fish trap) (KHB 32); *Hero*, Croker Passage, 64°05'S 62°50'W, 0-1000 m (gear: Tucker midwater trawl) (TLH 85b).

Queen Mary Coast: Shackleton Glacier, 66°18'S 54°58'E, 7-486 m (GEN 38).

Princess Ragnhild Coast: *EABN 1965-66*, 2 sta., Breid Bay, 234-250 m (CDB 83).

Ross Sea: *Southern Cross 1898-1900*, Franklin Island, 78°35'S, surface; McMurdo Sound, 27-311 m; Mc Murdo Sound, Winter Quarters Bay, 234 m; Cape Armitage, 9 m (AOW 03a); no loc., 240 m (KBA 62); 'Discovery Inlet', 550-560 m (ED 54); Bay of Whales (CRS 45d); 77°51'S 166°40'E (HLH 69); Franklin Island; Cape Crozier; Beaufort Island (WBE 68); 82°22.5'S 168°37.5'W, 597 m (gear: baited trap) (PMB *et al.* 79).

Scotia Sea: 61°32.54'S 41°54.28'W, 61°30.62'S 41°39.44'W, 60°14.96'S 49.47.74'W, 60°13.13'S 49°50.62'W, 10-85 m (RSK *et al.* 95).

South Georgia: off Grytviken; 'Sudfjord', 210 m (bottom/habitat: clay, stones) (AS 31a); *Discovery 1925-27*, sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: large otter trawl, nets); sta. 39, Cumberland East Bay, 179-235 m (bottom/habitat: grey mud; gear: large otter trawl); sta. MS 68, Cumberland East Bay, 220-247 m (gear: large rectangular net, tow-net of coarse silk); sta. 142, Cumberland East Bay, 88-

273 m (bottom/habitat: mud; gear: large otter trawl, tow-net of coarse silk); sta. 149, mouth of Cumberland East Bay, 200-234 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: tow-net of coarse silk, nets); sta. 154, Jason Harbour to Larsen Point, 60-160 m (bottom/habitat: mud; gear: nets); sta. WS 38, 54°01'S 35°14'W, 53 m (gear: tow net) (KHB 32), 139-245 m (KS 47a).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, 16-49 m (gear: trap baited with penguin; seal skeleton) (CC 12a).

South Shetland Islands: Elephant Island, 61°30'S 55°00'W, 0-610 m (bottom: 620-1550 m; gear: RMT) (HGA 79b); *John Biscoe*, 0-200 m (gear: RMT) (UP 89b); King George Island, Admiralty Bay (KJ *et al.* 96).

Trinity Peninsula: 63°48'S 55°50'W (AS 26a).

Weddell Sea: *Scotia 1902-04*, sta. 411, Coats Land, 74°01'S 22°W, 290 m (CC 12a); *Polarstern ANT I*, along the shelf-ice edge from Atka Bay to Gould Bay and along the marginal pack ice zone ranging from Cape Norvegia to the northwestern part of the Weddell Sea, 0-300 m (gear: RMT) (UP 89a); *John Biscoe*, 0-200 m (gear: RMT) (UP 89b); *Polarstern ANT I*, 0-300 m (gear: RMT) (EB *et al.* 91); eastern and southern shelf, no loc. (JV 91); 61°32.24'S 41°54.28'W, 61°30.62'S 41°39.44'W, 60°14.96'S 49°47.74'W, 60°13.13'S 49°50.62'W, 0-200 m (gear: baited minnow trap) 1898-1900 *et al.* 93); eastern shelf (MK 91; CDB *et al.* 99); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 29 BP 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 04, Kapp Norvegia, 71°40.6'S 12°31'W, 421 m (gear: baited trap); sta. 28, Kapp Norvegia, 71°29'S 12°21.2'W, 219 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 11/25, Drescher Inlet, 72°50.8'S 19°55.5'W, 377 m (gear: baited trap); sta. 255/268, Drescher Inlet, 72°48.4'S 19°39.6'W, 1453 m (gear: baited trap); sta. 160/179, Halley Bay, 74°40'S 26°57.9'W, 403 m (gear: baited trap); sta. 203/234, Kapp Norvegia, 70°58.8'S 11°39.4'W, 442 m (gear: baited trap); sta. 280/284, Atka Bay, 70°27.4'S 07°55.9'W, 550 m (gear: baited trap) (CDB *et al.* 04); NW Weddell Sea, between 62-64°S and 44-50°W, 0-100 m (gear: multiple opening-closing net environmental sampling system) (ECF *et al.* 04).

Wilhelm Archipelago: Petermann Island (EC 13c).

Depth range: 7-1453 m (P: 0-1000 m, epi- and mesopelagic).

Type-locality: Ross Sea: *Southern Cross 1898-1900*, 78°35'S ? E, near surface (AOW 03a).

Type specimen location: NHM, London.

***Abyssorhomene scotianensis* (Andres, 1983)**

Andres, 1983: 205-212, figs. 10-12.

Walker, 1903b: 232. (*Orchomenopsis abyssorum*).

Stebbing, 1906: 84, fig. 14. (*Orchomenopsis abyssorum*, in part; part = *Orchomenella chilensis*).

Schellenberg, 1926a: 291, fig. 27. (*Orchomenopsis chilensis* f. *abyssorum*).

Barnard K.H., 1932: 69, figs. 27b, 28. (*Orchomenella abyssorum*).
 Nicholls, 1938: 35, fig. 15. (*Orchomenella abyssorum*).
 Ruffo, 1949: 10. (*Orchomenella abyssorum*).
 Dahl, 1954: 282. (*Orchomenella abyssorum*)
 Dahl, 1959: 225. (*Orchomenella abyssorum*, part).
 Birstein & Vinogradov, 1962b: 41. (*Orchomenella abyssorum*).
 Arnaud, 1974: 572. (eco). (*Orchomene abyssorum*).
 Lowry & Bullock, 1976: 94-95. (*Orchomene abyssorum*, in part).
 Lowry, 1982: 320. (*Orchomene abyssorum*).
 De Broyer, 1983: 142-144. (*Abyssorchomene abyssorum*, in part; part = *A. scotianensis*).
 Barnard & Ingram, 1990: 26. (*Orchomene (Abyssorchomene) abyssorum*, in part).
 ? Wakabara *et al.*, 1990: 2, 4, 6. (*Orchomene abyssorum*).
 Barnard & Karaman, 1991: 508. (*Orchomene abyssorum*, in part).
 Barnard & Karaman, 1991: 508. (*Orchomene scotianensis*).
 De Broyer & Jazdzewski, 1993: 64.
 De Broyer *et al.*, 1999: 166.
 De Broyer *et al.*, 2001: 744-753. (eco)
 De Broyer *et al.*, 2004: 1740, table 4. (eco).

Distribution:**E+W(+Ba+Ab)(+P)**

Antarctic Peninsula: near tip of Peninsula, *Walther Herwig 1977-78*, sta. 210, 63°22'S 54°10'W, 0-230 m (bottom: 235 m; gear: RMT) (HGA 83).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Queen Mary Coast: Shackleton Glacier, 66°18'S 54°58'E, 486 m (GEN 38).

Ross Sea: 'Discovery Inlet', 550 m (ED 54).

Southern Ocean, Indian Sector: *SAE 1955-58, Ob*, sta. 36, 62°55'S 118°52'E, 0-3700 m (bottom: 3741 m; gear: plankton net) (B&V 62b);

Southern Ocean, Pacific Sector: *SAE 1955-58, Ob*, sta. 44, 66°08'S 128°25'E, 210-550 m (bottom: 1015 m; gear: plankton net); sta. 48, 63°18'S 135°14'E, 0-3600 m (bottom: 4040 m; gear: plankton net) (B&V 62b).

Oates Coast: *SAE 1955-58*, sta. 337, 69°48'S 161°49'E, 1070 m (CDB 83).

South Shetland Islands: *Discovery 1925-27*, sta. 208, Livingston Island, 0-800 m (gear: young fish trawl) (KHB 32); *Walther Herwig 1977-78*, sta. 205, 63°38'S 56°17'W, 0-310 m (bottom: 160-500 m; gear: RMT); sta. 238, 61°46'S 56°42'W 0-410 m (bottom: 430 m; gear: RMT); sta. 327, 63°35'S 54°36'W, 165-215 m (bottom: 225 m; gear: RMT); sta. 335, 64°26'S 55°27'W, 270-295 m (bottom: 300 m; gear: RMT); sta. 337, 64°29'S 55°22'W, 43-270 m (bottom: 310 m; gear: RMT); sta. 345, 63°56'S 55°07', 0-355 m (bottom: 355 m; gear: RMT); sta. 383, 61°15'S 54°31'W, 135-540 m (bottom: 550 m; gear: RMT) (HGA 83); *Polarstern ANT XIX/3 (ANDEEP I)*, sta. 100, King George Island, 61°25'S 58°54'W, 2280 m (gear: baited trap); sta. 114, King George Island, 61°46'S 60°45'W, 2754 m (gear: baited trap) (CDB *et al.* 04).

Weddell Sea: eastern shelf, 600-1500 m (CDB *et al.* 01);

Polarstern ANT XIII/3 (EASIZ I), sta. 30, Atka Bay, 70°01'S 08°16.5'W, 2009 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 255/268, Drescher Inlet, 72°48.4'S 19°39.6'W, 1453 m (gear: baited trap); sta. 279/283, Atka Bay, 70°24.1'S 07°52.2'W, 1136 m (gear: baited trap); *Polarstern ANT XIX/4 (ANDEEP II)*, sta. 131, 65°19'S 51°35'W, 3070 m (gear: baited trap) (CDB *et al.* 04).

Type-locality: Antarctic Peninsula: near tip of Peninsula, *Walther Herwig 1977-78*, sta. 210, 63°22'S 54°10'W, 0-230 m (bottom: 235 m; gear: RMT) (HGA 83).

Depth range: 385-3070 m (P: 0-3700 m, epi-, meso- and bathypelagic).

Type specimen location: ZMH, Hamburg.

Cicadosa cicadoides (Stebbing, 1888)

Stebbing, 1888: 612, pls. 4, 5. (*Anonyx cicadoides*).

Della Valle, 1893: 835. (*Anonyx cicadoides*).

Sars G.O., 1891: 92. (*Hoplonyx cicadoides*).

Stebbing, 1906: 75. (*Tmetonyx cicadoides*).

Schellenberg, 1926a: 278, fig. 21. (*Tmetonyx cicadoides*).

Schellenberg, 1926c: 195. (*Tmetonyx cicadoides*).

Barnard J.L., 1958e: 100. (*Tmetonyx cicadoides*).

Barnard J.L., 1962d: 30, (in key). (*Tryphosa cicadoides*).

Barnard J.L., 1969c: 308, (in key). ("*Anonyx*" *cicadoides*).

Thurston & Allen, 1969: 369. (*Tmetonyx cicadoides*).

Mills, 1972a: 74, table 1. (*Tryphosella cicadoides*).

Bellan-Santini & Ledoyer, 1974: 681, pl. 23. ("*Anonyx*" *cicadoides*).

Lowry & Bullock, 1976: 84. ("*Anonyx*" *cicadoides*).

De Broyer, 1983: 213-214, fig. 93. (*Keranonyx cicadoides*).

Barnard & Karaman, 1991: 476.

De Broyer & Jazdzewski, 1993: 66.

Cherel *et al.*, 2002: 263-281. (eco).

Distribution:**S**

Iles Kerguelen: *Challenger 1873-76*, sta. 149, Baie Accessible, 49°08'S 70°12'E, 37 m (bottom/habitat: mud; gear: dredge); sta. 149D, Passe Royale [Royal Sound], 49°28'S 70°13'E, 51 m (bottom/habitat: mud, gear: dredge); sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88); Baie de l'Observatoire (AS 26c): Port-aux-Français, 2 m; Port Bizet, low tide (BS&L 74); Port Jeanne d'Arc, 5 m; Golfe du Morbihan, 10 sta., 0-140 m (CDB 83).

Depth range: 0-232 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149, Baie Accessible, 49°08'S 70°12'E, 37 m (bottom/habitat: mud; gear: dredge); sta. 149D, Passe Royale [Royal Sound], 49°28'S 70°13'E, 51 m (bottom/habitat: mud, gear: dredge); sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Parschisturella carinata* (Schellenberg, 1926a)**

Walker, 1903a: 52, pl. 9: figs. 52-57. (*Hoplonyx stebbingi*, in part; part = *Uristes stebbingi*).

Chilton, 1912a: 469. (*Tryphosites stebbingi*).

Schellenberg, 1926a: 271, fig. 18. (*Tryphosa carinata*).

Walker, 1907: 16. (*Tryphosa kergueleni*, in part).

Schellenberg, 1931a: 36. (*Tryphosa carinata*).

Barnard K.H., 1932: 55. (*Tmetonyx carinata*).

Barnard J.L., 1958e: 100. (*Tmetonyx carinata*).

Barnard J.L., 1962d: 29. (*Tryphosa carinata*).

Hurley, 1965b: 177, figs. 14, 15. (*Tryphosites capadareii*).

Barnard J.L., 1969c: 304, (in key). ("*Tryphosa*" *carinata*).

Thurston & Allen, 1969: 372. (*Tryphosites capadareii*).

Lowry & Bullock, 1976: 106-107. («*Tryphosa*» *carinata*).

Lowry & Bullock, 1976: 109. (*Tryphosites capadareii*).

Andres, 1983: 212. (*Tryphosites capadareii*).

De Broyer, 1983: 209-211. (*Pseudotryphosites carinata*).

Barnard & Karaman, 1991: 517, 538.

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 74.

De Broyer *et al.*, 1999: 166.

Dauby *et al.*, 2001a: 69-86. (eco).

De Broyer *et al.*, 2001: 744-753. (eco)

Nyssen *et al.*, 2002: 280-287. (eco).

De Broyer *et al.*, 2004: 1740, tables 3-4. (eco).

Distribution: E+W+G(+Ba)

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Princess Ragnhild Coast: *EAB 1960-61*, *EABN 1964-65*, *EABN 1965-66*, 5 sta., Breid Bay, 200-270 m (CDB 83).

Ross Sea: *Southern Cross 1898-1900*, Cape Adare, 43 m (AOW 03a); *Discovery 1901-04*, Cape Wadworth, 14-27 m; Mc Murdo Sound, Winter Quarters Bay (AOW 07).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

South Georgia: Cumberland Bay, 250-310 m (bottom/habitat: clay, stones) (AS 31a).

Weddell Sea: *Scotia 1902-04*, sta. 411, Coats Land, 74°01'S 22°W, 290 m (CC 12a); eastern shelf (MK 91; CDB *et al.* 99), 219-2081 m (CDB *et al.* 01), (FN *et al.* 02); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 04, Kapp Norvegia, 71°40'S 12°31'W, 421 m (gear: baited trap); sta. 05, Kapp Norvegia, 71°40'S 12°54.3'W, 223 m (gear: baited trap); sta. 06, Kapp Norvegia, 71°31.5'S 13°31.4'W, 234 m (gear: baited trap); sta. 12, Vestkapp, 73°15.7'S 21°04.8'W, 791 m (gear: baited trap); sta. 28, Kapp Norvegia, 71°29.6'S 12°21.2'W, 219 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 38/75, Kapp Norvegia, 70°59'S 11°09.1'W, 389 m (gear: baited trap); sta. 94/119, Vestkapp, 73°35.7'S 22°23.4'W, 813 m (gear: baited trap); sta. 102/122, Vestkapp, 73°36'S 22°00.5'W, 396 m (gear: baited trap); sta. 138/155 m, Halley Bay, 74°39.8'S 27°13.1'W, 798 m (gear: baited trap); sta. 202/233, Kapp Norvegia, 70°57.0'S 11°40.6'W, 808 m (gear: baited trap); sta. 251/267, Drescher Inlet, 72°47'S 19°31.4'W, 895 m (gear: baited trap); sta. 152, Halley Bay, 74°36.8'S 26°53.9'W, 597 m (gear: baited

trap); sta. 255/268, Drescher Inlet, 72°48.4'S 19°39.6'W, 1453 m (gear: baited trap); sta. 279/283, Atka Bay, 70°24.1'S 07°52.2'W, 1136 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 14-2081 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Parschisturella simplex* Andres, 1983**

Andres, 1983: 213-217, figs. 13-14.

Barnard & Karaman, 1991: 517.

De Broyer & Jazdzewski, 1993: 74.

Distribution: G(P?)

South Georgia: *Walther Herwig 1977-78*, sta. 492, 55°00'S 35°30'W, 0-120 m (bottom: 125 m; gear: RMT) (HGA 83).

Depth range: P?: 0-120 m.

Type-locality: South Georgia: *Walther Herwig 1977-78*, sta. 492, 55°00'S 35°30'W, 0-120 m (bottom: 125 m; gear: RMT) (HGA 83).

Type specimen location: ZMH, Hamburg.

***Uristes adareii* (Walker, 1903a)**

Walker, 1903a: 49, pl. 8: figs. 38-44. (*Tryphosa adareii*).

Stebbing, 1906: 720. (*Tryphosa adareii*).

Walker, 1907: 16. (*Tryphosa murrayi*, in part).

Schellenberg, 1926a: 267, fig. 16. (*Tryphosa murrayi*).

Barnard K.H., 1930: 326, 448. (*Tryphosa adareii*).

Barnard K.H., 1932: 51, fig. 15. (*Tryphosa adareii*).

Nicholls, 1938: 26, fig. 11. (*Tryphosa adareii*).

Stephensen, 1947a: 35. (*Tryphosa ?adareii*).

Barnard J.L., 1958e: 100. (*Tryphosa adareii*).

Barnard J.L., 1962d: 29. (*Tryphosella adareii*).

Hurley, 1965b: 169, figs. 9, 10.

Thurston & Allen, 1969: 370. (*Tryphosa adareii*).

Lowry & Bullock, 1976: 110.

Andres, 1983: 217.

Barnard & Karaman, 1991: 539.

Klages, 1991: 50.

De Broyer & Jazdzewski, 1993: 77.

Gutt *et al.*, 2000: 80-83.

De Broyer *et al.*, 2001: 744-753. (eco).

Distribution: E+W(+Ba)

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 6-45 m; *Aurora 1912-14*, sta. 2, 527-549 m (GEN 38).

Bransfield Strait: *Discovery 1925-27*, sta. 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Davis Sea: *Aurora 1912-14*, sta. 12, 644 m (GEN 38); 'Gauss Station', 66°02'S 89°38'E, 385 m; Gaussberg, 177 m (AS 26a).

Ross Sea: *Southern Cross 1898-1900*, Cape Adare, 48 m

(AOW 03a); No loc., 289 m; *Nimrod 1907-1909*, Cape Royds, 110-146 m; *Terra Nova 1910*, sta. 220, Cape Adare, 82-92 m; sta. 294, 289 m; sta. 318, 175 m; sta. 338, 379 m; sta. 339, 256 m (KHB 30).

South Shetland Islands: Bridgeman Island, 750 m (KS 47a); *Walther Herwig 1977-78*, sta. 384, 61°15'S 54°16'W, 0-145 m (bottom: 180 m; gear: RMT) (HGA 83).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 02 MG 29, Kapp Norvegia, 71°18.60'S 12°25.40'W, 181 m (gear: multibox corer); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 12 BT 05, South of Vestkapp, 73°18.10'S 21°10.10'W, 459 m (gear: bottom trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl); sta. 16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf, 233-690 m (CDB *et al.* 01).

Depth range: 5-750 m.

Type-locality: Ross Sea: *Southern Cross 1898-1900*, Cape Adare, 48 m (AOW 03a).

Type specimen location: NHM, London.

***Uristes albinus* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 48, fig. 12. (*Tryphosella albina*).

Stephensen, 1947a: 35. (*Tryphosa ?albina*).

Barnard J.L., 1958e: 101. (*Tryphosella albina*).

Barnard J.L., 1962d: 35.

Barnard J.L., 1963: 459, 460, (in key). (*Uristes albina*).

Thurston & Allen, 1969: 372. (*Tryphosa albina*).

Lowry & Bullock, 1976: 110.

Andres, 1983: 217-218.

Barnard & Karaman, 1991: 539.

De Broyer & Jazdzewski, 1993:77.

Distribution:

W(+Ba)

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32); Bridgeman Island, 750 m (KS 47a); *Walther Herwig 1977-78*, sta 434, 64°00'S 64°30'W, 100-382 m (bottom: 385 m; gear: RMT) (HGA 83).

Depth range: 342-750 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.

***Uristes barbatipes* Stebbing, 1888)**

Stebbing, 1888: 621, pl. 7. (*Tryphosa barbatipes*).

Della Valle, 1893: 814. (*Anonyx barbatipes*).

Bonnier, 1893: 171, 195. (*Tryphosella barbatipes*).

Sars G.O., 1891: 66. (*Orchomenella barbatipes*).

Stebbing, 1906: 68, fig. 11. (*Tryphosella barbatipes*).

Ealey, 1954: 205-206. (eco). (*Tryphosella barbatipes*).

Barnard J.L., 1958e: 102. (*Tryphosella barbatipes*).

Barnard J.L., 1962d: 35.

Barnard J.L., 1963: 459, 460, (in key).

Thurston & Allen, 1969: 372.

Mills, 1972a: 75, table 1. (*Tryphosella barbatipes*).

Lowry & Bullock, 1976: 110.

Barnard & Karaman, 1991: 539.

De Broyer & Jazdzewski, 1993: 77.

Distribution:

S

Heard Island: no loc. (EHE 54).

Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud; gear: dredge) (TRS 88).

Depth range: 229 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud; gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Uristes georgianus* (Schellenberg, 1931a)**

Schellenberg, 1931a: 30, fig. 13. (*Tryphosella georgiana*).

Nicholls, 1938: 24, fig. 9. (*Tryphosella georgiana*).

Barnard J.L., 1958e: 102. (*Tryphosella georgiana*).

Barnard J.L., 1962d: 35.

Barnard J.L., 1963: 459, 460, (in key). (*Uristes georgiana*).

Hurley, 1965b: 176, fig. 13.

Lowry & Bullock, 1976: 110-111.

Lowry, 1982: 320. (*Tryphosella georgiana*).

Andres, 1983: 218.

Wakabara *et al.*, 1990: 2, 4, 6.

Barnard & Karaman, 1991: 539.

De Broyer & Jazdzewski, 1993: 77.

Corbisier *et al.*, 2004: 77.

Distribution:

E+W+G(+Ba)(+P)

Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 518-540 m (GEN 38).

South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay, algae) (AS 31a); *Walther Herwig 1975-76*, sta 47, 53°58'S 37°49'W, 0-18 m (bottom: 125 m; gear: RMT); *Walther Herwig 1977-78*, sta. 495, 54°09'S 36°48'W, 0-110 m (bottom: 110 m; gear: RMT) (HGA 83).

South Shetland Islands: 62°09'15"S 58°28'30"W, 17-40 m (YW *et al.* 90); King George Island, Admiralty Bay, Martel Inlet, 60°04'S 58°21'W, 10-20 m (bottom/habitat: gravelly sand, muddy sand; gear: Van Veen grab) (TNC *et al.* 2004).

Depth range: 75-540 m.

Type-locality: South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay, algae) (AS 31a).

Type specimen location: NRS, Stockholm.

***Uristes gigas* Dana, 1852a**

Dana, 1852a: 209.
 Dana, 1853: 917, 1595.
 Dana, 1855: pl. 62: fig. 3.
 Bate, 1862: 89, pl. 14: fig. 8.
 Stebbing, 1888: 617, pl. 6. (*Tryphosa antennipotens*).
 Bonnier, 1893: 171. (*Tryphosella antennipotens*).
 Della Valle, 1893: 827. (*Anonyx antennipotens*).
 Della Valle, 1893: 836. (*Anonyx gigas*).
 Sars G.O., 1891: 83. (*Pseudotryphosa antennipotens*).
 Stebbing, 1899d: 211.
 Stebbing, 1906: 64.
 Walker, 1907: 16.
 Barnard K.H., 1932: 47, fig. 11.
 Nicholls, 1938: 22.
 Barnard J.L., 1958e: 102.
 Barnard J.L., 1962d: 35.
 Barnard J.L., 1963: 459, 460, (in key).
 Thurston & Allen, 1969: 370. (*Tryphosa antennipotens*).
 Mills, 1972a: 75, table 1.
 Arnaud, 1974: 592. (eco).
 Lowry & Bullock, 1976: 111.
 Lincoln & Hurley, 1981: 108, fig. 2f.
 Andres, 1983: 218.
 Voss, 1988: 54.
 Barnard & Karaman, 1991: 539.
 Klages, 1991: 50.
 De Broyer & Jazdzewski, 1993: 78.
 De Broyer *et al.*, 1999: 167.
 Gutt *et al.*, 2000: 80-83.
 Olaso *et al.*, 2000: 143-158. (eco).
 Dauby *et al.*, 2001a: 69-86. (eco).
 Dauby *et al.*, 2001b: 657-662. (eco).
 De Broyer *et al.*, 2001: 744-753. (eco).
 Chérel *et al.*, 2002a: 268, table 3. (eco).
 De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution: E+W+G+M(+Ba)(+P)

Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 518-540 m (GEN 38).

Antarctic Peninsula: near tip of Peninsula, *Walther Herwig 1977-78*, sta. 327, 63°35'S 54°36'W, 165-215 m (bottom: 225 m; gear: RMT); sta. 339, 64°01'S 54°38'W, 0-355 m (bottom: 400 m; gear: RMT) (HGA 83).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Davis Sea: *Aurora 1912-14*, sta. 11, 655 m; sta. 12, 201 m (GEN 38).

Heard Island: *Challenger 1873-76*, sta. 150, 52°04'S 71°22'E, 274 m (bottom/habitat: gravel; gear: dredge) (TRS 88).

Magellan area: Paramo (AS 31a).

Ross Sea: *Discovery 1901-04*, Cape Adare (AOW 07).

Southern Ocean, Indian Sector: 62°28'S 101°35'E (JDD 53).

South Georgia: *Discovery 1925-27*, sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green

mud, stones; gear: nets); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: tow-net of coarse silk, nets); sta. 156, 53°51'S 36°21'W, 200-236 m (bottom/habitat: rock; gear: large heavy dredge); sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge); sta. WS 53, from 53°42'S 37°12'W to 53°29'S 37°13'W, 0-5 m (gear: tow-net) (KHB 32); *Walther Herwig 1975-76*, sta. 44, 53°54'S 37°21'W, 0-117 m (bottom: 125 m; gear: RMT); sta. 45, 53°54'S 37°58'W, 0-105 m (bottom: 123 m; gear: RMT); sta. 63, 54°55'S 35°52'W, 0-123 m (bottom: 180 m; gear: RMT); sta. 64, sta. 70, sta. 74, sta. 77, sta. 354, 53-55°S 35-38°W, 0-125 m (bottom: 86-145 m; gear: RMT); *Walther Herwig 1977-78*, sta. 474, sta. 492 (HGA 83).
South Shetland Islands: *Walther Herwig 1977-78*, sta. 238, 61°46'S 56°42'W, 0-410 m (bottom: 430 m; gear: RMT) (HGA 83).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91; CDB *et al.* 99), *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 12, South of Vestkapp, 73°18.10'S 21°10.10'W, 459 m (gear: bottom trawl); sta. 15, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl); sta. 17, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 236-810 m (CDB *et al.* 01); *Polarstern ANT XV/3 (EASIZ II)*, sta. 280/284, Atka Bay, 70°27.4'S 07°55.9'W, 550 m (gear: baited trap); sta. 152, Halley Bay, 74°36.8'S 26°53.9'W, 597 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 122-810 m (also neritic benthopelagic).

Type-locality: "Taken from the stomach of a fish in the Antarctic seas" (JDD 53).

Type specimen location: Type lost; NHM, London (*Tryphosa antennipotens*).

***Uristes mediator* J.L. Barnard, 1962d**

Barnard J.L., 1962d: 36, fig. 23, tables 6, 7b, 11. (*Uristes typhlops mediator*).

Lowry & Bullock, 1976: 112. (*Uristes typhlops mediator*).

Barnard & Karaman, 1991: 539.

De Broyer & Jazdzewski, 1993: 78.

Distribution: W+(Ba)

Valdivia Basin: *Vema 14*, sta. 49, slope of South Sandwich Trench, 56°43'S 27°41'W, 2747 m (gear: small benthic trawl) (JLB 62d).

Depth range: 2747 m.

Type-locality: Cape Basin slope: *Vema 14*, sta. 54, 34°35'S 17°31'E, 1861 m (gear: small benthic trawl) (JLB 62d).

Extralimital distribution: Angola Basin: *Vema 12*, sta. 22, 5°53.5' S 9°51.5'E, 3015 m (bottom/habitat: greenish lutite; gear: small benthic trawl); Cape Basin slope: *Vema 14*, sta. 54, 34°35'S 17°31'E, 1861 m (gear: small benthic trawl) (JLB 62d).

Extralimital depth range: 1861-3015 m.

Type specimen location: LGOC, New York.

***Uristes serratus* Schellenberg, 1931a**

Schellenberg, 1931a: 26, fig. 11.
 Barnard J.L., 1958e: 102.
 Barnard J.L., 1962d: 35.
 Barnard J.L., 1963: 459, 460, (in key).
 Lowry & Bullock, 1976: 111-112.
 Barnard & Karaman, 1991: 539.
 Gonzalez, 1991a: 60.
 De Broyer & Jazdzewski, 1993: 78.

Distribution:**M**

Falkland Islands: Port Louis, Carenage Creek, 1 m (bottom/habitat: sand with *Codium*) (AS 31a).

Magellan area: Puerto Hope, 11-18 m (bottom/habitat: cliffs, algae) (AS 31a); Estrecho de Magallanes (EG 91a).

Depth range: 1-18 m.

Type-locality: Falkland Islands: Port Louis, Carenage Creek, 1 m (bottom/habitat: sand with *Codium*) (AS 31a).

Magellan area: Puerto Hope, 11-18 m (bottom/habitat: cliffs, algae) (AS 31a).

Type specimen location: NRS, Stockholm.

***Uristes stebbingi* (Walker, 1903a)**

Walker, 1903a: 52, pl. 9: figs. 52-57. (*Hoplonyx stebbingi*, in part; part = *Tryphosites capadarei*).
 Stebbing, 1906: 720. (*Tmetonyx stebbingi*).
 Chilton, 1909b: 618. (*Tmetonyx stebbingi*).
 Non Chilton, 1912a: 469. (*Tryphosites stebbingi* = *Tryphosites capadarei*).
 Barnard J.L., 1958e: 102. (*Tryphosites stebbingi*).
 Hurley, 1965b: 173, figs. 11, 12.
 Thurston & Allen, 1969: 368. (*Tmetonyx stebbingi*).
 Lowry & Bullock, 1976: 112.
 Barnard & Karaman, 1991: 539.
 Klages, 1991: 50.
 De Broyer *et al.*, 2004: 1740, table 3. (eco).
 De Broyer & Jazdzewski, 1993: 78.

Distribution:**E+S(+Ba)**

Auckland Islands: Musgrave Harbour (CC 09b).

Ross Sea: *Southern Cross 1898-1900*, Cape Adare, 43 m (AOW 03a).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT VII/4 (EPOS III)*, sta. 275, Kapp Norvegia, 71°39.5'S 12°04.4'W, 236 m (gear: baited trap); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06, Kapp Norvegia, 71°31.5'S 12°31.4'W, 234 m (gear: baited trap); *Polarstern ANT XV/3 (EASIZ II)*, sta. 27/76, Kapp Norvegia, 71°19'S 12°24.2'W, 171 m (gear: baited trap); sta. 094/119, Vestkapp, 73°35.7'S 22°23.4'W, 813 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 43-813 m.

Type-locality: Ross Sea: *Southern Cross 1898-1900*, Cape Adare, 43 m (AOW 03a).

Type specimen location: NHM, London.

***Uristes subchelatus* (Schellenberg, 1931a)**

Schellenberg, 1931a: 28, fig. 12. (*Uristoides subchelatus*).
 Barnard J.L., 1958e: 102. (*Uristoides subchelatus*).
 Barnard J.L., 1962d: 35.
 Barnard J.L., 1963: 459, 460, (in key).
 Lowry & Bullock, 1976: 112.
 Barnard & Karaman, 1991: 539.
 Gonzalez, 1991a: 60.
 De Broyer & Jazdzewski, 1993: 78.

Distribution:**M**

Magellan area: Bahia Inutil, 36-54 m (bottom/habitat: shells); Bahia Harris, 18 m (bottom/habitat: shells) (AS 31a).

Depth range: 18-54 m.

Type-locality: Magellan area: Bahia Inutil, 36-54 m (bottom/habitat: shells); Bahia Harris, 18 m (bottom/habitat: shells) (AS 31a).

Type specimen location: NRS, Stockholm.

***Uristes* sp.**

Chiesa *et al.*, 2005: 170. (*Uristes serratus*).

Distribution:**M**

Magellan area: Ushuaia (ILC *et al.* 05).

Depth range:

LYSIANASSOIDEA Incertae Sedis

[Barnard & Karaman, 1991: 543]

***Gainella chelata* Chevreux, 1912a**

Chevreux, 1912a: 208.
 Chevreux, 1913c: 87, figs. 1-3.
 Barnard J.L., 1958e: 92.
 Lowry & Bullock, 1976: 90.
 Barnard & Karaman, 1991: 487-488.
 De Broyer & Jazdzewski, 1993: 68.
 Gutt *et al.*, 2000: 80-83.

Distribution:**E+W**

Marguerite Bay: Alexander Island, 297 m (EC 13c).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl) (JG *et al.* 00); eastern shelf (CDB, unpubl. rec.).

Depth range: 254-297 m.

Type-locality: Marguerite Bay, Alexander Island, 297 m (EC 13c).

Type specimen location: MNHN, Paris (types lost?).

***Stenia magellanica* Dana, 1852a**

Dana, 1852a: 209.

Stebbing, 1888: 266. (*Anonyx magellanicus*).
 Dana, 1853: 919, pl. 62, fig. 4. (*Anonyx fuegiensis*).
 Della Valle, 1893a: 836. (*Anonyx fuegiensis*).
 Stebbing, 1906: 88. (dubious genus & species).
 Barnard J.L., 1958e: 103. (dubious genus & species).
 Lowry & Bullock, 1976: 106.
 Barnard & Karaman, 1991: 543.
 Gonzalez, 1991a: 59.
 De Broyer & Jazdzewski, 1993: 78.

Distribution:

Magellan area: Bahia Good Success, 2-3 m (JDD 53).

Depth range: 2-3 m.

Type-locality: Magellan area: Bahia Good Success, 2-3 m (JDD 53).

Type specimen location:

Family MELPHIDIPPIDAE Stebbing, 1899a

[see Barnard & Barnard 1983: 607]

***Melphidippa antarctica* Schellenberg, 1926a**

Schellenberg, 1926a: 347.
 Walker, 1907: 34. (*Melphidippa macrura*).
 Barnard K.H., 1930: 383.
 Schellenberg, 1931a: 170, fig. 89.
 Barnard K.H., 1932: 188.
 Stephensen, 1947a: 56.
 Barnard J.L., 1958e: 103.
 Lowry & Bullock, 1976: 113.
 Andres, 1981b: 184-185, fig.4.
 Klages, 1991: 50.
 Ren & Huang, 1991: 259, fig. 46.
 De Broyer *et al.*, 1999: 167.
 Gutt *et al.*, 2000: 80-83.
 Dauby *et al.*, 2001b: 657-662. (eco).
 De Broyer *et al.*, 2001: 744-753. (eco).
 De Broyer *et al.*, 2004: 1740, table 3. (eco).

Distribution:

E+W+G(+Ba)

Bransfield Strait: *Discovery 1925-27*, sta. 175, 67°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Ross Sea: *Discovery 1901-04*, Mc Murdo Sound, Winter Quarters Bay, 540 m (AOW 07); *Terra Nova 1910*, sta. 326, McMurdo Sound, 4-40 m (KHB 30).

South Georgia: Maiviken, 75 m (bottom/habitat: clay, algae); Moraine Fjord, 125 m (bottom/habitat: clay, stones) (AS 31a); *Discovery 1925-27*, sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: large otter trawl, nets); sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: tow-net of coarse silk, nets); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets); sta.

148, off Cape Saunders, 132-148 m (bottom/habitat: grey mud, stones; gear: nets); sta. 149, mouth of Cumberland East Bay, 200-234 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. 152, 53°51'S 36°18'W, 245 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

South Shetland Islands: Bridgeman Island, 750 m (KS 47a); *Walther Herwig 1977-78*, sta. 205, 63°38'S 56°17'W, 0-310 m (bottom/habitat: 160-500 m; gear: RMT); sta. 376, 61°29'S 56°03'W, 145-323 m (bottom: 325 m; gear: RMT) (HGA 81); 61°51.6'S 58°07.5'W, 654 m (R&H 91). King George Island, Admiralty Bay, 145 m (gear: Van Veen grab) (A. Jazdzewska unpubl. rec.)

Weddell Sea: eastern shelf (MK 91; CDB *et al.* 99), *Polarstern ANT XIII/3 (EASIZ I)*, sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 02 MG 28, Kapp Norvegia, 71°19.10'S 12°22.80'W, 159 m (gear: multibox corer); sta. 02 MG 29, Kapp Norvegia, 71°18.60'S 12°25.40'W, 181 m (gear: multibox corer); sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 06 AGT 03, Kapp Norvegia, 71°27.40'S 13°43.30'W, 212 m (gear: Agassiz trawl); sta. 09 BT 03, Kapp Norvegia, 71°34.00'S 12°25.80'W, 604 m (gear: bottom trawl); sta. 09 DR 22, Kapp Norvegia, 71°34.70'S 12°26.60'W, 560 m (gear: small dredge); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl); sta. 24 AGT 06, Kapp Norvegia, 71°08.15'S 11°32.25'W, 123 m (gear: Agassiz trawl); sta. 25 DR 19, Kapp Norvegia, 71°22.90'S 14°19.20'W, 622 m (gear: small dredge); sta. 26 DR 20, Kapp Norvegia, 71°29.30'S 14°18.60'W, 216 m (gear: small dredge); sta. 26 DR 21, Kapp Norvegia, 71°29.30'S 14°19.50'W, 210 m (gear: small dredge) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 232-672 m (CDB *et al.* 01); *Polarstern ANT XV/3 (EASIZ II)*, sta. 152, Halley Bay, 74°36.8'S 26°53.9'W, 597 m (gear: baited trap) (CDB *et al.* 04).

Depth range: 4-750 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type material location: ZMB, Berlin.

***Melphidippa serrata* (Stebbing, 1888)**

Stebbing, 1888: 1215, pl. 136. (*Neohela serrata*).
 Della Valle, 1893: 343. (*Neohela serrata*).
 Sars G.O., 1894: 624.
 Stebbing, 1899c: 422.
 Stebbing, 1906: 337.
 Barnard J.L., 1958e: 103.
 Mills, 1972a: 74, table 1.
 Lowry & Bullock, 1976: 113.

Distribution:

S(Ba)

Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88).

Depth range: 229 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88).

Type material location: NHM, London.

***Melphisubchela prehenda* Andres, 1981b**

Andres, 1981b: 186-190, pls. 5-7.

Gutt *et al.*, 2000: 80-83.

Distribution: E+W

South Shetland Islands: *Walther Herwig 1977-78*, sta. 376, 61°29'S 56°03'W, 145-323 m (bottom: 325 m; gear: RMT) (HGA 81b).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 25 DR 19, Kapp Norvegia, 71°22.90'S 14°19.20'W, 622 m (gear: small dredge) (JG *et al.* 00).

Depth range: 145-622 m.

Type-locality: South Shetland Islands: *Walther Herwig 1977-78*, sta. 376, 61°29'S 56°03'W, 145-323 m (bottom: 325 m; gear: RMT) (HGA 81b).

Type material location: ZMH, Hamburg.

Family OCHLESIDAE Stebbing, 1910

[Coleman & Barnard 1991b; 1991c; Berge, Coleman & Vader 1999]

***Antarctodius antarcticus* (Watling & Holman, 1981)**

Watling & Holman, 1981: 205-208, figs 15-17. (*Odius antarcticus*).

Watling & Thurston, 1989: 311, figs 2c, 3b, 3h. (*Odius antarcticus*).

Barnard & Karaman, 1991: 398. (*Odius antarcticus*).

Berge *et al.*, 1999: 244 (gen. rem.)

Gutt *et al.*, 2000: 80-83.

Distribution: E+W

South Shetland Islands: *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m (W&H 81); *Polarstern ANT I*, sta. 30, 62° 38.81' S 55° 45.2'W, 277.5 m, (gear: Agassiz trawl) (Coleman, unpubl. rec.); *Polarstern 42 ANT XIV/2*, sta. 130, 61° 13.7' S 55° 58.1' W, 146 m (gear: dredge) (Coleman, unpubl. rec.).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 26 DR 20, Kapp Norvegia, 71°29.30'S 14°18.60'W, 216 m (gear: small dredge) (JG *et al.* 00).

Depth range: 146-227 m.

Type-locality: South Shetland Islands: *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m (W&H 81).

Type material location: USNM, Washington.

***Antarctodius rauscheri* Coleman & Kauffeldt, 2001**

Coleman & Kauffeldt, 2001: 427-434.

Distribution: E(Ba)

Weddell Sea: *Polarstern ANT XV/3 (EASIZ II)*, sta. 48, 73°37.0'S 22°24.9'W

Depth range: 756 m.

Type-locality: Weddell Sea: *Polarstern ANT XV/3 (EASIZ II)*, sta. 48, 73°37.0'S 22°24.9'W

Type material location: ZMB, Berlin.

***Curidia magellanica* Coleman & Barnard, 1991c**

Coleman & Barnard, 1991c: 272-277, figs 1-4.

De Broyer & Jazdzewski, 1993: 79.

Distribution: M

Magellan area: *Eltanin 1964*, sta. 958, 52°56'S 75°00'W, 92-101 m, (gear: 5' Blake trawl) (C&B 91c).

Depth range: 92-101 m.

Type-locality: Magellan area: *Eltanin 1964*, sta. 958, 52°56'S 75°00'W, 92-101 m, (gear: 5' Blake trawl) (C&B 91c).

Type material location: USNM, Washington.

Family OEDICEROTIDAE Liljeborg, 1865b

***Carolobatea schneideri* (Stebbing, 1888)**

Stebbing, 1888: 839-843, pl. 59. (*Halimедon schneideri*).

Della Valle, 1893: 539. (*Halimедon brevicealcar*, in part).

Stebbing, 1899d: 209.

Stebbing, 1906: 252.

Schellenberg, 1926c: 195.

Barnard J.L., 1958e: 104.

Lowry & Bullock, 1976: 114.

Barnard & Karaman, 1991: 557.

Distribution: S

Iles Kerguelen: *Challenger 1873-76*, Anse Betsy, surface (TRS 88); no loc. (AS 26c).

Depth range: 0 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, Anse Betsy, surface (TRS 88).

Type material location: NHM, London.

***Carolobatea* sp. J.L. Barnard, 1972b**

Barnard J.L., 1972b: 143.

Chilton, 1909b: 620-621, fig. 2. (*Carolobatea novae-zealandiae*).

Lowry & Bullock, 1976: 114.

Barnard & Karaman, 1991: 557.

Distribution:

Auckland Islands: Carnley Harbour (CC 09b).

Depth range: 0 m.

***Halicreion vanhoeffeni* Schellenberg, 1926a**

Schellenberg, 1926a: 340, fig. 48. (*Halicreion vanhoeffeni*).

Barnard J.L., 1958e: 104. (*Halicreion vanhoeffeni*).

Lowry & Bullock, 1976: 114.

Barnard & Karaman, 1991: 558.

Distribution:

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Depth range: 385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type material location: ZMB, Berlin.

***Monoculodes antarcticus* K.H. Barnard, 1932**

Barnard K.H., 1932: 136, fig. 76.

Barnard J.L., 1958e: 105.

Barnard J.L., 1962e: 357, 360, table 1, (in key).

Lowry & Bullock, 1976: 115.

De Broyer, 1983: 351-352, figs. 115-118.

? Bellan-Santini & Ledoyer, 1987: 410-412, fig. 22.

Wakabara *et al.*, 1990:2, 4, 6.

Barnard & Karaman, 1991: 559.

Rauschert, 1991: 37.

? Branch *et al.*, 1991: 11, fig. on p.11.

Distribution:

W+?S(+Ba)

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Prince Edward Islands: *Marion Dufresne 08*, sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m (BS&L 87).

Palmer Archipelago: *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (bottom/habitat: mud; gear: nets); sta. 182, Schollaert Channel, 278-500 m (bottom/habitat: mud; gear: nets); sta. 187, Neumayer Channel, 259 m (bottom/habitat: mud; gear: large heavy dredge) (KHB 32).

South Orkney Islands: *Discovery 1925-27*, sta. 167, off Signy Island, 244-344 m (bottom/habitat: green mud; gear: nets) (KHB 32).

South Shetland Islands: 61°16'S 55°05'W, 60 m (YW *et al.* 90); King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 60-500 m.

Type-locality: South Orkney Islands: *Discovery 1925-27*, sta. 167, off Signy Island, 244-344 m (bottom/habitat: green mud; gear: nets) (KHB 32).

Type material location: NHM, London.

***Monoculodes curtipediculus* Hendrycks & Conlan, 2003**

S Hendrycks & Conlan, 2003: 51-60, figs. 1-4.

Distribution:

E

Ross Sea: McMurdo Sound, seawater intake jetty, 77°51'03.7"S 166°39'48.1"E, 23 m (gear: SCUBA using 0.0075 m² corers and non-quantitative surface scrapes using buckets); McMurdo Sound, seawater intake jetty, 77°51'03.7"S 166°39'48.1"E, 20 m (gear: SCUBA using 0.0075 m² corers and non-quantitative surface scrapes using buckets); McMurdo Sound, Cinder Cones, north of Knob Point, 77°50.5'S 166°38.1'E, 20 m (gear: SCUBA using 0.0075 m² corers and non-quantitative surface scrapes using buckets); McMurdo Sound, sewage outfall south A, 77°50.9'S 166°36.3'E, 20 m (gear: SCUBA using 0.0075 m² corers and non-quantitative surface scrapes using buckets) (H&C 03).

Depth range: 20-23 m.

Type-locality: Ross Sea: McMurdo Sound, 77°51'03.7"S 166°39'48.1"E, 23 m (gear: SCUBA using 0.0075 m² corers and non-quantitative surface scrapes using buckets) (H&C 03).

Type material location: CMN, Ottawa.

***Monoculodes jazdzewskii* De Broyer, 1980**

De Broyer, 1980: 381-386, figs. 1-2.

Barnard & Karaman, 1991: 560.

Jazdzewski *et al.*, 1992: 465, 469.

Jazdzewski *et al.*, 1996: 472.

Distribution:

E+W

Enderby Land: Alasheyev Bight, near Cape Kogot, 67°40'S 45°50'E, 30-40 m (bottom/habitat: rocky with sand and algae debris; gear: dredge) (CDB 80).

South Shetland Islands: King George Island, Admiralty Bay, 120-145 m (gear: Van Veen grab) (KJ *et al.* 92).

Depth range: 30-145 m.

Type-locality: Enderby Land: Alasheyev Bight, near Cape Kogot, 67°40'S 45°50'E, 30-40 m (bottom/habitat: rocky with sand and algae debris; gear: dredge) (CDB 80).

Type material location: IRScNB, Brussels.

***Monoculodes scabriculosus* K.H. Barnard, 1932**

Barnard K.H., 1932: 138, fig. 77.

Stephensen, 1938c: 237. (?*Monoculodes scabriculosus*).

Barnard J.L., 1958e: 105.

Barnard J.L., 1962e: 357, 360, table 1. (in key).

Barnard J.L., 1967a: 120.

Bellan-Santini & Ledoyer, 1974: 690, pl. 33.

Thurston, 1974a: 33, fig. 101k.

Thurston, 1974b: 65.

Lowry & Bullock, 1976: 115.

De Broyer, 1983: 358-360.

Arnaud *et al.*, 1986: 17, table 1.

Bellan-Santini & Ledoyer, 1987: 412.
 Wakabara *et al.*, 1990: 4, 6.
 Barnard & Karaman, 1991: 560.
 Branch *et al.*, 1991: 11, fig. on p.11.
 Rauschert, 1991: 37.
 Jażdżewski *et al.*, 1991: 110.
 Jażdżewski *et al.*, 1992: 465, 469.
 Jażdżewski *et al.*, 1996: 372.

Distribution: **E+W+G+S**

Enderby Land: *PABE I & III*, 18 sta., Alasheyev Bight, 5-40 m (CDB 83).

Iles Kerguelen: Port-aux-Français, 15 m; Golfe du Morbihan, Anse Joliette, 10-54 m (BS&L 74).

Marguerite Bay: Stonington Island, Back Bay, 16 m (MHT 74b).

Prince Edward Islands: *Marion Dufresne 08*, sta. 21 BB 119, 46°53.3'S 37°53'E, 57 m (bottom/habitat: black sand) (BS&L 87).

Palmer Archipelago: *PAMRE I*, sta. 19, Anvers Island, near Palmer Station, 20 m (CDB 83).

South Georgia: *Discovery 1925-27*, sta. 140, Stromness Harbour, 122-136 m (bottom/habitat: green mud, stones; gear: nets); sta. WS 62, Wilson Harbour, 26-83 m (gear: small beam trawl); sta. MS 65, Cumberland East Bay, 39 m (gear: small beam trawl, tow-net of coarse silk); sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl); sta. MS 71, Cumberland East Bay, 110-60 m (gear: small beam trawl, tow-net of coarse silk), sta. MS 74, Cumberland East Bay, 22-40 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32); Cumberland West Bay, Jason Harbour, 20 m (KS 38c).

South Orkney Islands: *Discovery 1925-27*, sta. 164, East end of Normanna Strait, 24-36 m (gear: tow-net of coarse silk) (KHB 32); Signy Island, Borge Bay, 10-15 m, Paal Harbour, 20-25 m (MHT 74a).

South Shetland Islands: *Discovery 1925-27*, sta. 173, Deception Island, Port Foster, 5-60 m (gear: tow-net of coarse silk) (KHB 32); 62°09'15"S 58°28'30"W, 17-40 m (YW *et al.* 90); King George Island, 62°11'-14'S 58°52'-58"W (MR 91); Admiralty Bay, 4-145 m (gear: SCUBA, with Tvärminne sampler; Van Veen grab) (KJ *et al.* 91, 92).

Trinity Peninsula: Hope Bay, Grunden Rock, low tide (MHT 74b).

Depth range: 0-136 m.

Type-locality: South Orkney Islands: *Discovery 1925-27*, sta. 164, East end of Normanna Strait, 24-36 m (gear: tow-net of coarse silk) (KHB 32).

Type material location: NHM, London.

***Oediceroides calmani* Walker, 1906b**

Walker, 1906b: 15.
 Walker, 1907: 22, pl. 6: fig. 12.
 Strauss, 1909: 6, 10, 13, 16, 19, pl. 2: figs. 6-8.
 Chevreux, 1913c: 128, figs. 28-30.
 Barnard K.H., 1930: 366.
 Barnard K.H., 1932: 140. (in part; part = *Oediceroides*

lahillei).
 Nicholls, 1938: 87.
 Shoemaker, 1945d: 290.
 Dahl, 1954: 290.
 Barnard J.L., 1958e: 106.
 Barnard J.L., 1961: 89 (in key), fig. 56c.
 Bellan-Santini, 1972b: 221, pl. 31.
 Arnaud, 1974: 592. (eco).
 Thurston, 1974b: 65.
 Lowry & Bullock, 1976: 116.
 Lincoln & Hurley, 1981: 113.
 De Broyer, 1983: 362-364.
 Andres, 1990: 136, fig. 272.
 Wakabara *et al.*, 1990: 4, 6.
 Barnard & Karaman, 1991: 562.
 Klages, 1991: 50.
 Ren & Huang, 1991: 260-262, fig. 47. (*Oediceroides calmani*, sic).
 De Broyer *et al.*, 1999: 167.
 Gutt *et al.*, 2000: 80-83.
 Dauby *et al.*, 2001a: 69-86. (eco).
 Dauby *et al.*, 2001b: 657-662. (eco).

Distribution: **E+W(+Ba)**

Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 527-549 m; sta. 3, Commonwealth Bay, 287 m (GEN 38); Géologie Archipelago, 15 m; Cape Géodésie, 170-240 m (DBS 72a).

Davis Sea: *Aurora 1912-14*, sta. 8, 219 m; sta. 12, 201 m (GEN 38).

Marguerite Bay: 200-254 m (EC 13c).

Palmer Archipelago: *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (bottom/habitat: mud; gear: nets); sta. 182, Schollaert Channel, 278-500 m (bottom/habitat: mud; gear: nets); sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stones, mud, rock; gear: large heavy dredge, large rectangular net) (KHB32); Neny Fjord, 27 m (CRS 45d).

Princess Ragnild Coast: *EAB 1960-61*, *EABN 1964-65*, *EABN 1965-66*, 8 sta., Breid Bay, 207-450 m (CDB 83).

Ross Sea: *Discovery 1901-04*, Coulman Island, 180 m; 'Flagon Point'; Ross Ice Shelf, 180 m (AOW 07); *Terra Nova 1910*, sta. 338, McMurdo Sound, 379 m; sta. 339, 256 m (KHB 30); 'Discovery Inlet', 550 m (ED 54).

South Orkney Islands: *Discovery 1925-27*, sta. 167, off Signy Island, 244-344 m (bottom/habitat: green mud; gear: nets) (KHB 32).

South Shetland Islands: 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90); 62°12.2'S 58°55'W, 110 m; 63°22.5'S 60°34.3'W, 478 m (R&H 91).

Weddell Sea: eastern shelf (MK 91; CDB *et al.* 99), *Polarstern ANT XIII/3 (EASIZ I)*, sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl); sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 12 BT 05, South of Vestkapp, 73°18.10'S 21°10.10'W, 459 m (gear: bottom trawl); sta.

16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00); (PD *et al.* 01).

Depth range: 15-550 m.

Type-locality: Ross Sea: Coulman Island (AOW 06c).

Type material location: NHM, London.

Oediceroides cinderella Stebbing, 1888

Stebbing, 1888: 850, pls. 62, 63.

Della Valle, 1893: 540, pl. 58: figs. 43-45. (*Halimedes cinderella*).

Stebbing, 1906: 269.

Barnard K.H., 1916: 162.

Barnard K.H., 1940: 516.

Barnard J.L., 1958b: 106.

Barnard J.L., 1961: 89 (in key), fig. 56.

Mills, 1972a: 76, table 1.

Griffiths, 1975: 154.

Lowry & Bullock, 1976: 116.

? Bellan-Santini & Ledoyer, 1987: 413-415, fig. 23.

Barnard & Karaman, 1991: 562.

? Branch *et al.*, 1991: 11, fig. 11.

? Wakabara *et al.*, 1991: 73-74.

Distribution: **S+M(+Ba)**

Falkland Islands: *Challenger 1873-76*, sta. 317, 48°37'S 55°17'W, 1863 m (bottom/habitat: gravel; gear: trawl) (TRS 88).

Prince Edward Islands: *Marion Dufresne 08*, sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 15 BB 88, 46°57.7'S 37°59.9'E, 204 m (bottom/habitat: coarse sand); sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 19 BB 111, 46°46.2'S 38°03.2'E, 190 m (bottom/habitat: mud) (BS&L 87).

Depth range: 120-1863 m.

Type-locality: Falkland Islands: *Challenger 1873-76*, sta. 317, 48°37'S 55°17'W, 1863 m (bottom/habitat: gravel; gear: trawl) (TRS 88).

Extralimital distribution: South Africa; Brazil.

Extralimital depth range:

Type material location: NHM, London.

Oediceroides emarginatus Nicholls, 1938

Nicholls, 1938: 88, fig. 47. (*Oediceroides emarginatus*).

Barnard J.L., 1958e: 106. (*Oediceroides emarginatus*).

Barnard J.L., 1961: 89 (in key), fig. 56r. (*Oediceroides emarginatus*).

Lowry & Bullock, 1976: 116.

De Broyer, 1983: 365-366.

Barnard & Karaman, 1991: 562.

Klages, 1991: 50.

De Broyer *et al.*, 1999: 167.

Dauby *et al.*, 2001a: 69-86. (eco).

Dauby *et al.*, 2001b: 657-662. (eco).

Distribution:

E(+Ba)

Davis Sea: *Aurora 1912-14*, sta. 10, Commonwealth Bay, 585 m (GEN 38).

Princess Ragnhild Coast: *EAB 1960-61*, *EABN 1964-65*, sta. 7, Breid Bay, 200-300 m (CDB 83).

Weddell Sea: eastern shelf (MK 91; CDB *et al.* 99; PD *et al.* 01).

Depth range: 200-585 m.

Type-locality: Davis Sea: *Aurora 1912-14*, sta. 10, Commonwealth Bay, 585 m (GEN 38).

Type material location: AM, Sydney.

Oediceroides lahillei lahillei Chevreux, 1911b

Chevreux, 1911b: 403, figs. 1, 2. (*Oediceroides lahillei*).

Schellenberg, 1931a: 139, pl. 1: fig. d. (*Oediceroides lahillei*).

Schellenberg, 1931a: 140, pl. 1: fig. e. (*Oediceroides lahillei* f. *polita*).

Barnard K.H., 1932: 140. (*Oediceroides calmani*, in part).

Stephensen, 1947a: 51. (*Oediceroides lahillei*).

Barnard J.L., 1958e: 106. (*Oediceroides lahillei*).

Oldevig, 1961: 73, figs. 1, 2. (*Gulbarensia larseni*).

Thurston, 1974a: 33. (*Oediceroides lahillei*).

Thurston, 1974b: 66. (*Oediceroides lahillei* f. *lahillei*).

Thurston, 1974b: 66. (*Oediceroides lahillei* f. *polita*).

Lowry & Bullock, 1976: 116-117. (*Oediceroides lahillei*, in part).

Barnard & Karaman, 1991: 562.

Jazdzewski *et al.*, 1991: 110. (*Oediceroides lahillei*).

Jazdzewski *et al.*, 1992: 469. (*Oediceroides lahillei*).

Jazdzewski *et al.*, 1996: 372. (*Oediceroides lahillei*).

Distribution:

W+G+M

Magellan area: Canal Beagle, 35 m (bottom/habitat: algae) (AS 31a).

South Georgia: *Discovery 1925-27*, sta. 45, off Jason Light, 238-270 m (bottom/habitat: grey mud; gear: nets, tow-net of coarse silk); sta. 145, Stromness Harbour, 26-35 m (bottom/habitat: weedy ground; gear: small beam trawl); sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge); sta. WS 25, Undine Harbour, 18-27 m (bottom/habitat: mud, sand; gear: small beam trawl); sta. WS 33, 54°59'S 35°24'W, 130 m (bottom/habitat: 135 m, grey mud, stones; gear: tow-net); sta. MS 66, Cumberland East Bay, 18 m (gear: tow-net of coarse silk); sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl); sta. MS 71, Cumberland East Bay, 110-60 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32).

South Orkney Islands: Signy Island, 5-20 m; Paal Harbour, 5-15 m (MHT 74a).

South Sandwich Islands: no loc., 55-92 m (EC 11b); Saunders Island; Zavodovski Island, 56°17'S 27°30'W; Candlemas Islands (MHT 74b), Vulcan Point; Bristol Island; Visokoi Island, 10-15 m (KS 47a), 55-91 m (MHT 74b), 10-17 m (HO 61).

South Shetland Islands: Deception Island, 9-13 m (MHT 74b); King George Island, Admiralty Bay, 15m (KJ *et al.* 91, 92).

Depth range: 5-92 m.

Type-locality: South Sandwich Islands: 55-92 m (EC 11b).

Type material location: MACN, Buenos Aires.

***Oediceroides lahillei polita* Schellenberg, 1931a**

Schellenberg, 1931a: 140, table 1, fig. e.

Lowry & Bullock, 1976: 116-117. (*Oediceroides lahillei*, in part).

Barnard & Karaman, 1991: 562.

Distribution:

G

South Georgia: Cumberland Bay, 75 m (bottom/habitat: algae, clay) (AS 31a).

Depth range: 75 m.

Type-locality: South Georgia: Cumberland Bay, 75 m (bottom/habitat: algae, clay) (AS 31a).

Type material location: NRS, Stockholm.

***Oediceroides macrodactylus* Schellenberg, 1931a**

Schellenberg, 1931a: 140, fig. 74. (*Oediceroides macrodactylus*).

Barnard K.H., 1932: 141, fig. 79. (*Oediceroides macrodactylus*).

Barnard J.L., 1958e: 106. (*Oediceroides macrodactylus*).

Barnard J.L., 1961: 89, fig. 56 l, (in key). (*Oediceroides macrodactylus*).

Lowry & Bullock, 1976: 117.

De Broyer, 1983: 367-368, figs. 121-123.

Barnard & Karaman, 1991: 562.

? Rauschert, 1991: 37.

Jazdzewski *et al.*, 1992: 465.

Jazdzewski *et al.*, 1996: 372.

Lowry & Stoddart, 2003: 202.

? Chiesa *et al.*, 2005: 170. (*Oediceroides* cf. *macrodactylus*).

Distribution:

W+G+?M

? **Magellan area:** Ushuaia, 54°49'S 68°16'W (ILC *et al.* 05).

South Georgia: off Grytviken, 22 m (bottom/habitat: clay, algae); Cumberland Bay, 75 m (bottom/habitat: clay, algae); mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a), *Discovery 1925-27*, sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: tow-net of coarse silk, nets); sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: large otter trawl, nets); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: tow-net of coarse silk, nets); sta. 148, off Cape Saunders, 132-148 m (bottom/habitat: grey mud, stones; gear: nets); sta. 149, mouth of Cumberland East Bay, 200-234 m (bottom/habitat: mud; gear: large otter trawl, nets) (KHB 32).

South Shetland Islands: *PAMRE I*, sta. 49c, King George Island, 80 m (CDB 83); 62°11'-14'S 58°52'-58'W (MR 91);

Discovery 1925-27, sta. 195, Admiralty Bay, 62°07'S 58°28'W, 391 m (bottom/habitat: mud, stones; gear: nets) (KHB 32).

Depth range: 22-391 m.

Type-locality: South Georgia: off Grytviken, 22 m (bottom/habitat: clay, algae); Cumberland Bay, 75 m (bottom/habitat: clay, algae); mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a).

Type material location: NRS, Stockholm.

***Oediceroides newnesi* (Walker, 1903a)**

Walker, 1903a: 53, pl. 9: figs. 62-66, pl. 10: figs. 67, 68. (*Oediceroides newnesi*).

Stebbing, 1906: 726. (*Oediceroides newnesi*).

Walker, 1907: 22.

Schellenberg, 1926a: 339.

Schellenberg, 1926c: 226, fig. 18a, b. (*Oediceroides litoralis*).

Barnard, K.H., 1930: 449.

Schellenberg, 1931a: 139.

Barnard, J.L., 1958b: 106.

Barnard, J.L., 1961: 89 (in key), fig. 56f.

Lowry & Bullock, 1976: 117.

Barnard & Karaman, 1991: 562.

Distribution:

E+G+S

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Iles Kerguelen: Gazelle Harbour, 5-10 m (AS 26c).

Ross Sea: *Discovery 1901-04*, Cape Adare, beach; Mc Murdo Sound, Winter Quarters Bay; Tent Island, 36 m (AOW 07); *Nimrod 1907-1909*, McMurdo Sound, 13-36 m (KHB 30).

South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay); off Grytviken, 95 m (bottom/habitat: clay); mouth of Grytviken, 12-15 m (bottom/habitat: sand, algae); Grytviken, 18 m (AS 31a).

Depth range: 0-385 m.

Type-locality: Ross Sea: Cape Adare (AOW 03a).

Type material location: NHM, London.

***Oediceroides rostratus* (Stebbing, 1883)**

Stebbing, 1883: 204. (*Oediceropsis rostrata*).

Stebbing, 1888: 844, pls. 60, 61. (as *Oediceroides conspicua* on plates).

Della Valle, 1893: 540, pl. 58: figs. 46-49. (*Halimemon rostratus*).

Stebbing, 1906: 268, fig. 67. (*Oediceroides rostratus*).

Barnard J.L., 1958e: 106. (*Oediceroides rostratus*).

Barnard J.L., 1961: 89 (in key), fig. 56k. (*Oediceroides rostratus*).

Mills, 1972a: 75, table 1. (*Oediceroides rostratus*).

Lowry & Bullock, 1976: 117.

Barnard & Karaman, 1991: 562.

Distribution:

S

Heard Island: *Challenger 1873-76*, sta. 150, 52°04'S

71°22'E, 274 m (bottom/habitat: gravel; gear: dredge) (TRS 88).

Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge) (TRS 88).

Depth range: 232-274 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud, gear: dredge); Heard Island: sta. 150, 52°04'S 71°22'E, 274 m (bottom/habitat: gravel; gear: dredge) (TRS 88).

Type material location: NHM, London.

Oediceroides similis Nicholls, 1938

Nicholls, 1938: 89, fig. 48.

Barnard J.L., 1958e: 106.

Barnard J.L., 1961: 89 (in key), fig. 56a.

Bellan-Santini, 1972a: 221.

Lowry & Bullock, 1976: 118.

Barnard & Karaman, 1991: 562.

Distribution:

Adélie Coast: Géologie Archipelago, 15 m (DBS 72a).

Davis Sea: *Aurora 1912-14*, sta. 9, 432 m (GEN 38).

Depth range: 15-432 m.

Type-locality: Davis Sea: *Aurora 1912-14*, sta. 9, 432 m (GEN 38).

Type material location: AM, Sydney.

Paramonoculopsis acuta Alonso de Pina, 1997

Alonso de Pina, 1997: 145-154, figs.1-25.

Distribution:

Magellan area: Puerto Madryn, 42°46'S 65°02'W, tidal zone (GMA 97).

Depth range: 0 m.

Type-locality: Magellan area: Puerto Madryn, 42°46'S 65°02'W, tidal zone (GMA 97).

Type material location: MACN, Buenos Aires.

Paramonoculopsis vallentini (Stebbing, 1914b)

Stebbing, 1914b: 360, pls. 6, 7. (*Monoculopsis vallentini*).

Schellenberg, 1931a: 148. (*Monoculopsis vallentini*).

Barnard K.H., 1932: 139, fig. 78. (*Monoculodes vallentini*).

Barnard J.L., 1958b: 106. (*Monoculopsis vallentini*).

Lowry & Bullock, 1976: 115. (*Monoculopsis vallentini*).

Escofet, 1977: 156. (*Monoculopsis vallentini*).

De Broyer, 1983: 361. (*Monoculopsis vallentini*).

Barnard & Karaman, 1991: 561. (*Monoculopsis vallentini*).

Gonzalez, 1991a: 60. (*Monoculopsis vallentini*).

De Broyer & Jazdzewski, 1993: 80. (*Monoculopsis vallentini*).

Zaixso et al., 1998: 66. (*Monoculopsis vallentini*).

Alonso de Pina, 1997: 152-153. (quest. gen.) (*Monoculopsis vallentini*).

Lizarralde, 2004:9. (*Monoculopsis vallentini*).

Lizarralde et al., 2005:153. (*Monoculopsis vallentini*).

Distribution:

Falkland Islands: Roy Cove, low water (TRS 14b); *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets) (KHB 32).

Magellan area: 'Puerto Gallegos', low tide; Punta Arenas, low tide-4 m (bottom/habitat: sand, stones); Bahía Ushuaia, 9 m; Isla Picton, Caleta Banner, 5 m (bottom/habitat: kelp holdfasts) (AS 31a).

Depth range: 0-115 m.

Type-locality: Falkland Islands: Roy Cove, low water (TRS 14b).

Extralimital distribution: Argentina (Chubut province: Isla de los Pajaros, San Roman, Puerto Madryn, San Jose Gulf).

Extralimital depth range:

Type material location: NHM, London?

E

?*Parapericulodes belgicae* Ruffo, 1949

Ruffo, 1949: 22, figs. 5, 6.

Barnard J.L., 1958e: 107.

Lowry & Bullock, 1976: 118.

Barnard & Karaman, 1991: 563 (quest. gen.).

Distribution:

Bellingshausen Sea: *Belgica 1897-99*, 70°48'S 91°54'W (SR 49).

Depth range:

Type-locality: Bellingshausen Sea: *Belgica 1897-99*, 70°48'S 91°54'W (SR 49).

Type material location: IRScNB, Brussels.

M

Parapericulodes brevimanus K.H. Barnard, 1931a

Barnard K.H., 1931a: 427.

Barnard K.H., 1932: 135, fig. 75.

Barnard J.L., 1958e: 107.

Lowry & Bullock, 1976: 118.

Barnard & Karaman, 1991: 563

De Broyer & Rauschert, 1999: 285, table 1.

Distribution:

South Georgia: *Discovery 1925-27*, sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: tow-net of coarse silk, nets); sta. 154, Jason Harbour to Larsen Point, 60-160 m (bottom/habitat: mud; gear: nets); sta. WS 62, Wilson Harbour, 26-83 m (gear: small beam trawl); sta. MS 68, Cumberland East Bay, 0-247 m (gear: tow-net, tow-net of coarse silk, large rectangular net) (KHB 32).

Depth range: 0-247 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. MS

G

68, Cumberland East Bay, 0-247 m (gear: tow-net, tow-net of coarse silk, large rectangular net) (KHB 32).

Type material location: NHM, London.

***Parapericulodes brevirostris* (Schellenberg, 1931a)**

Schellenberg, 1931a: 144, fig. 76. (*Oediceroides brevirostris*).
Barnard J.L., 1958: 106. (*Oediceroides brevirostris*).
Barnard J.L., 1961: 89, fig. 56e, (in key). (*Oediceroides brevirostris*).
Barnard J.L., 1969c: 376, 384. (*Oediceroides brevirostris*).
Lowry & Bullock, 1976: 115. (*Oediceroides brevirostris*).
Wakabara *et al.*, 1990: 2, 4, 6.
Barnard & Karaman, 1991: 563.
Klages, 1991: 50.

Distribution: **E+W+G**

South Georgia: Cumberland Bay, 250 m (bottom/habitat: soft clay); Moraine Fjord, 125 m (bottom/habitat: clay, stones); 'Sudfjord', 195 m (bottom/habitat: clay, stones) (AS 31a).

South Shetland Islands: 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90).

Weddell Sea: eastern shelf (MK 91).

Depth range: 88-250 m.

Type-locality: South Georgia: Cumberland Bay, 250 m (bottom/habitat: soft clay); Moraine Fjord, 125 m (bottom/habitat: clay, stones); 'Sudfjord', 195 m (bottom/habitat: clay, stones) (AS 31a).

Type material location: NRS, Stockholm.

***Parapericulodes cystiferus* (Schellenberg, 1931a)**

Schellenberg, 1931a: 142, fig. 75. (*Oediceroides cystifera*).
Barnard J.L., 1958e: 106. (*Oediceroides cystifera*).
Barnard J.L., 1961: 89, fig. 56d, (in key). (*Oediceroides cystifera*).
Sanderson, 1973: 40. (*Oediceroides cystifera*).
Lowry & Bullock, 1976: 116. (*Oediceroides cystifera*).
Barnard & Karaman, 1991: 563.
De Broyer & Rauschert, 1999: 286, table 1.

Distribution: **M**

Falkland Islands: Port Albemarle, 40 m (bottom/habitat: sand) (AS 31a).

Depth range: 40 m.

Type-locality: Falkland Islands: Port Albemarle, 40 m (bottom/habitat: sand) (AS 31a).

Type material location: NRS, Stockholm.

***Parapericulodes microrhynchus* Ruffo, 1949**

Ruffo, 1949: 24, fig. 7.
Barnard J.L., 1958e: 107.
Lowry & Bullock, 1976: 118.
Barnard & Karaman, 1991: 563.

Distribution: **E**

Bellingshausen Sea: *Belgica* 1897-99, 70°15'S 85°06'W (SR 49).

Depth range:

Type-locality: Bellingshausen Sea: *Belgica* 1897-99, 70°15'S 85°06'W (SR 49).

Type material location: IRScNB, Brussels.

***Paroediceroides sinuatus* Schellenberg, 1931a**

Schellenberg, 1931a: 146, fig. 77. (*Paroediceroides sinuata*).
Barnard J.L., 1958e: 107.
Barnard J.L., 1966a: 78. (*Oediceropsis sinuata*).
Lowry & Bullock, 1976: 118. (*Oediceropsis (Paroediceroides) sinuata*).
Barnard & Karman, 1991: 564.

Distribution: **G**

South Georgia: Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones); off Grytviken, 22 m (bottom/habitat: clay, algae); Moraine Fjord, 125 m (AS 31a).

Depth range: 22-310 m.

Type-locality: South Georgia: Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones); off Grytviken, 22 m (bottom/habitat: clay, algae); Moraine Fjord, 125 m (AS 31a).

Type material location: NRS, Stockholm.

Family PAGETINIDAE K.H. Barnard, 1931

***Pagetina antarctica* Andres, 1981b**

Andres, 1981b: 191-195, figs. 8, 9, 10a-d.
De Broyer & Jazdzewski, 1993: 81.
Gutt *et al.*, 2000: 80-83.

Distribution: **E+W(+P)**

South Shetland Islands: *Walther Herwig* 1977-78, sta. 370, 61°45'S 56°00'W, 0-145 m (bottom: 410 m) (HGA 81b).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 0-246 m.

Type-locality: South Shetland Islands: *Walther Herwig* 1977-78, sta. 370, 61°45'S 56°00'W, 0-145 m (bottom: 410 m) (HGA 81b).

Type material location: ZMH, Hamburg.

***Pagetina genarum* K.H. Barnard, 1931a**

Barnard K.H., 1931a: 427.
Barnard K.H., 1932: 131, fig. 74.
Barnard J.L., 1958e: 108.
Arnaud, 1974: 546, table 14 (eco).
Bellan-Santini & Ledoyer, 1974: 694, pl. 34.

Lowry & Bullock, 1976: 119.
 Holman & Watling, 1981: 213-215.
 Barnard & Karaman, 1991: 568.
 De Broyer & Jazdzewski, 1993: 82.
 Gutt *et al.*, 2000: 80-83.

Distribution: E+W+G+S

Iles Kerguelen: Golfe du Morbihan, Ile Australia, 24 m; Ile Hoskyn, 120 m (BS&L 74).

South Georgia: *Discovery 1925-27*, sta. MS 22, Cumberland East Bay, off Dartmouth Point, 0-40 m (gear: coarse tow-net); sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: nets, tow-net of coarse silk) (KHB 32).

South Shetland Islands: *Eltanin 6*, sta. 410, 61°18'-20'S 56°09'-10'W, 220-240 m (H&W 81).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 26 DR 20, Kapp Norvegia, 71°29.30'S 14°18.60'W, 216 m (gear: small dredge); sta. 26 DR 21, Kapp Norvegia, 71°29.30'S 14°19.50'W, 210 m (gear: small dredge) (JG *et al.* 00).

Depth range: 0-270 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. MS 22, Cumberland East Bay, off Dartmouth Point, 0-40 m (gear: coarse tow-net); sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl) (KHB 32).

Type material location: NHM, London.

***Pagetina monodi* (Nicholls, 1938)**

Nicholls, 1938: 57, fig. 29. (*Heterocressa monodi*).
 Barnard J.L., 1958e: 108. (*Heterocressa monodi*).
 Barnard J.L., 1972b: 143. (*Heterocressa monodi*).
 Lowry & Bullock, 1976: 119. (*Heterocressa monodi*).
 Holman & Watling, 1981: 213. (gen. rem.)
 Barnard & Karaman, 1991: 568.
 De Broyer & Jazdzewski, 1993: 82.

Distribution:

Macquarie Island: no loc. (GEN 38).

Depth range:

Type-locality: Macquarie Island: no loc. (GEN 38).

Type material location: AM, Sydney.

***Pagetina reducta* Holman & Watling, 1981**

Holman & Watling, 1981: 214-215, fig. 1.
 Barnard & Karaman, 1991: 568.
 De Broyer & Jazdzewski, 1993: 82.

Distribution: M

Falkland Islands: *Eltanin 11*, sta. 977, 52°32'S 63°53'W, 229 m (H&W 81).

Depth range: 229 m.

Type-locality: Falkland Islands: *Eltanin 11*, sta. 977, 52°32'S 63°53'W, 229 m (H&W 81).

Type material location: USNM, Washington.

Family PARDALISCIDAE Boeck, 1871b

***Halice macronyx* (Stebbing, 1888)**

Stebbing, 1888: 1000, 1223, pl. 94a. (*Synopioides macronyx*).
 Della Valle, 1893: 852. (*Synopioides macronyx*).
 Stebbing, 1906: 227, fig. 60. (*Synopioides macronyx*).
 Schellenberg, 1926c: 225, fig. 17. (*Synopioides macronyx*).
 Non Schellenberg, 1926a: 336, fig. 47. (*Synopioides macronyx* = *Halice secunda*).
 Non Barnard K.H., 1930: 363, fig. 34. (*Synopioides macronyx* = *Halice secunda*).
 Barnard K.H., 1932: 134. (*Synopioides macronyx*).
 Pirlot, 1934: 173, figs. 64-66. (*Synopioides macronyx*).
 Non Hurley, 1954f: 784. (*Synopioides macronyx* = *Halice secunda*).
 Birstein & Vinogradov, 1955: 243, (in key).
 Barnard J.L., 1958e: 109.
 Barnard J.L., 1959f: 39. (*Synopioides macronyx*).
 Birstein & Vinogradov, 1962a: 253, (in key).
Birstein & Vinogradov, 1962b: 46-47, fig. 8.
 Birstein & Vinogradov, 1964: 168.
 Non Barnard J.L., 1972b: 199. (*Halice macronyx* = *Halice secunda*).
 Mills, 1972a: 77, table 1.
 Karaman, 1974a: 14.
 Lowry & Bullock, 1976: 123.
 Thurston, 1976a: 373-374, fig. 8b, tables 2, 3.
 Ledoyer, 1986: 863-866, fig. 340.
 Barnard & Karaman, 1991: 567.
 De Broyer & Jazdzewski, 1993: 82.
 Vinogradov G.M., 1999: 1166, fig. 4.25.
 Vinogradov G.M., 2004: 66.

Distribution: An++(P)

Southern Ocean, Pacific Sector, SAE 1955-58, Ob, sta. 48, 63°18'S 135°14'E, 1100-2200 m (bottom: 4040 m; gear: plankton net) (B&V 62b).

Depth range: 1100-2200 m.

Type-locality: Pacific Ocean: *Challenger 1873-76*, sta. 295, 38°07'S 94°04'W, 2743 m (TRS 88).

Extralimital distribution: Indian Ocean; North & South Atlantic Oceans; South Pacific Ocean.

Extralimital depth range:

Type material location: NHM, London.

***Halice profundus* K.H. Barnard, 1932**

Barnard K.H., 1932: 134.
 Birstein & Vinogradov, 1955: 243, (in key).
 Barnard J.L., 1958e: 109.
 Barnard J.L., 1959f: 38.

Birstein & Vinogradov, 1962a: 253, (in key).
 Karaman, 1974a: 15.
 Lowry & Bullock, 1976: 123-124.
 Barnard & Karaman, 1991: 577.
 De Broyer & Jazdzewski, 1993: 82.
 Gutt *et al.*, 2000: 80-83.

Distribution: E+W+G(+Ba)(+P)

South Georgia: *Discovery 1925-27*, sta. 41, off Barff Point, 150-240 m (gear: tow-net); sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: nets, tow-net of coarse silk); sta. 142, Cumberland East Bay, 88-273 m (bottom/habitat: mud; gear: tow-net of coarse silk, large otter trawl); sta. MS 71, Cumberland East Bay, 110-60 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 208, off Livingston Island, 0-800 m (gear: young fish trawl) (KHB 32).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 13, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 32, Kapp Norvegia, 70°28.90'S 08°15.10'W, 286 m (gear: small dredge) (JG *et al.* 00).

Depth range: 0-800 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 41, off Barff Point, 150-240 m (gear: tow-net); sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: nets, tow-net of coarse silk) (KHB 32).

Type material location: NHM, London.

***Halice secunda* (Stebbing, 1888)**

Stebbing, 1888: 1224. (*Synopioides secundus*).
 Stebbing, 1906: 227. (*Synopioides secundus*).
 Schellenberg, 1926a: 336, fig. 47. (*Synopioides macronyx*).
 Schellenberg, 1926c: 224, fig. 16. (*Synopioides secunda*).
 Barnard K.H., 1930: 363, fig. 34. (*Synopioides macronyx*).
 Hurley, 1954f: 784. (*Synopioides macronyx*).
 Birstein & Vinogradov, 1955: 244, (in key).
 Schellenberg, 1955: 190, 194, fig. 4. (*Synopioides secunda*).
 Barnard J.L., 1958e: 109.
 Birstein & Vinogradov, 1958: 239, 249, 250, figs. 11, 16.
 Barnard J.L., 1959f: 39. (*Synopioides secunda*).
 Dahl, 1959: 231.
 Birstein & Vinogradov, 1960: 216, 227.
 Birstein & Vinogradov, 1962a: 250, 251, 253, (in key).
Birstein & Vinogradov, 1962b: 46.
 Birstein & Vinogradov, 1964: 167.
 Barnard J.L., 1972b: 199. (*Halice macronyx*).
 Mills, 1972a: 77, table 1.
 Karaman, 1974a: 16.
 Lowry & Bullock, 1976: 124.
 Barnard & Karaman, 1991: 577.
 De Broyer & Jazdzewski, 1993: 82.
 Vinogradov G.M., 1999: 1167, fig. 4.26.

Distribution: An++(P)

Southern Ocean, Indian Sector, SAE 1955-58, Ob, sta. 36, 62°55'S 118°52'E, 0-3700 m (bottom: 3741 m; gear: plankton

net) (B&V 62b).

Depth range: 0-3700 m.

Type-locality: Pacific Ocean: 39°S 105°W, 3703 m (TRS 06).

Extralimital distribution: Indian Ocean; North & South Atlantic Oceans; North & South Pacific Oceans; Philippine Trench; New Zealand; Kermadec Trench.

Extralimital depth range: bathypelagic.

Type material location: NHM, London.

***Halice tenella* Birstein & Vinogradov, 1962b**

Birstein & Vinogradov, 1962a: 253, (in key).

Birstein & Vinogradov, 1962b: 47-48, fig. 9.

Karaman, 1974a: 18.

Lowry & Bullock, 1976: 124.

De Broyer & Jazdzewski, 1993: 82.

Vinogradov G.M., 2004: 66.

Distribution: An+(P)

Southern Ocean, Pacific Sector, SAE 1955-58, Ob, sta. 57, 64°03'S 161°59'E, 0-3000 m (bottom: 3000 m; gear: plankton net) (B&V 62b).

Depth range: 0-3000 m.

Type-locality: Southern Ocean, Pacific Sector, SAE 1955-58, Ob, sta. 57, 64°03'S 161°59'E, 0-3000 m (bottom/habitat: 3000 m; gear: plankton net) (B&V 62b).

Extralimital distribution: Western Indian Ocean.

Extralimital depth range: 200-300 m.

Type material location: MUG, Moscow.

***Halicella parasitica* Schellenberg, 1926a**

Schellenberg, 1926a: 334, fig. 46.

Barnard J.L., 1958e: 110.

Barnard J.L., 1959f: 38.

Karaman, 1974a: 19.

Lowry & Bullock, 1976: 124.

Barnard & Karaman, 1991: 577.

Klages, 1991: 51.

De Broyer & Jazdzewski, 1993: 82.

Gutt *et al.*, 2000: 80-83.

Distribution: E(+Ba)

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 25 DR 19, Kapp Norvegia, 71°22.90'S 14°19.20'W, 622 m (gear: small dredge); sta. 02 MG 28, Kapp Norvegia, 71°19.10'S 12°22.80'W, 159 m (gear: multibox corer); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 170-622 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type material location: ZMB, Berlin.

***Necochea pardella* J.L. Barnard, 1962d**

Barnard J.L., 1962d: 62, figs. 54, 55, tables 6, 9.

Karaman, 1974a: 20.

Lowry & Bullock, 1976: 124.

De Broyer & Jażdżewski, 1993: 82.

Gutt *et al.*, 2000: 80-83.

Distribution: **E+W(+Ab)**

Scotia Sea: *Vema 14*, sta.46, East Scotia Basin, 55°19'S 37°57'W, 3725 m, (gear: small benthic trawl) (JLB 62d).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl) (JG *et al.* 00).

Depth range: 170-3725 m.

Type-locality: Scotia Sea: *Vema 14*, sta.46, East Scotia Basin, 55°19'S 37°57'W, 3725 m, (gear: small benthic trawl) (JLB 62d).

Type material location: LGOC, New York.

***Nicippe unidentata* K.H. Barnard, 1932**

Barnard K.H., 1932: 133.

? Enequist, 1949: 325. (probably *Nicippe unidentata* = *Nicippe tumida*, according to Barnard J.L., 1959f).

Barnard J.L., 1958e: 110.

? Barnard J.L., 1959f: 38. (probably *Nicippe unidentata* = *Nicippe tumida*).

Karaman, 1974a: 23.

Lowry & Bullock, 1976: 124.

? Voss, 1988: 54. (*Nicippe ?unidentata*).

Barnard & Karaman, 1991: 578.

? Klages, 1991: 51.

De Broyer & Jażdżewski, 1993: 82.

Distribution: **?E+W**

Palmer Archipelago: *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (bottom/habitat: mud; gear: nets); sta. 182, Schollaert Channel, 278-500 m (bottom/habitat: mud; gear: nets) (KHB 32).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91).

Depth range: 160-500 m.

Type-locality: Palmer Archipelago: *Discovery 1925-27*, sta. 182, Schollaert Channel, 278-500 m (bottom/habitat: mud; gear: nets) (KHB 32).

Type material location: NHM, London.

***Pardalisca abyssoides* K.H. Barnard, 1932**

Barnard K.H., 1932: 133.

Barnard J.L., 1958e: 110.

Karaman, 1974a: 25.

Lowry & Bullock, 1976: 125.

Barnard & Karaman, 1991: 579.

De Broyer & Jażdżewski, 1993: 82.

Distribution:

W

Palmer Archipelago: *Discovery 1925-27*, sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stones, mud, rock; gear: large heavy dredge, large rectangular net) (KHB 32).

Depth range: 90-130 m.

Type-locality: Palmer Archipelago: *Discovery 1925-27*, sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stones, mud, rock; gear: large heavy dredge, large rectangular net) (KHB 32).

Type material location: NHM, London.

***Pardalisca magellanica* Schellenberg, 1931a**

Schellenberg, 1931a: 127.

Barnard J.L., 1958e: 110.

Karaman, 1974a: 26.

Lowry & Bullock, 1976: 125.

Barnard & Karaman, 1991: 579.

De Broyer & Jażdżewski, 1993: 82.

De Broyer & Rauschert, 1999: 286, table 1.

Distribution:

M

Magellan area: Bahia Harris, 27 m (bottom/habitat: shells) (AS 31a).

Depth range: 27 m.

Type-locality: Magellan area: Bahia Harris, 27 m (bottom/habitat: shells) (AS 31a).

Type material location: NRS, Stockholm.

***Pardalisca marionis* Stebbing, 1888**

Stebbing, 1888: 996, pl. 94.

Della Valle, 1893: 692. (*Pardalisca cuspidata*, in part).

Stebbing, 1906: 224, fig. 58, 59.

Barnard J.L. 1958b: 110.

Lowry & Bullock, 1976: 125.

Bellan-Santini & Ledoyer, 1987: 415-418, fig. 24.

Barnard & Karaman, 1991: 579.

Branch *et al.*, 1991: 10, 40, fig.10.

De Broyer & Jażdżewski, 1993: 82.

Distribution:

S

Prince Edward Islands: *Challenger 1873-76*, sta. 145, off Marion Island, 182 m ((bottom/habitat: volcanic sand; gear: dredge) (TRS 88); *Marion Dufresne 08*, sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 26 CP 135, 46°50.6'S 38°00.6'E, 135-145 m (BS&L 87); 165 m (MLB *et al.* 91).

Depth range: 120-180 m.

Type-locality: Prince Edwards Islands: *Challenger 1873-76*, sta. 145, off Marion Island, 182 m ((bottom/habitat: volcanic sand; gear: dredge) (TRS 88).

Type material location: NHM, London.

Superfamily PHOXOCEPHALOIDEA Sars, 1891

[Bousfield, 1979; 1982; Barnard & Clark, 1984; Bousfield & Shih, 1994]

Family CHEIDAE Thurston, 1982

Cheus annae Thurston, 1982

Thurston, 1982: 414-419, figs. 1-3.

Barnard & Karaman, 1991: 127.

De Broyer & Jazdzewski, 1993: 26.

Distribution:

M

Falkland Islands: East Falkland Island, south shore of Port William, tidal range-1,2 m; Surf Bay, (bottom/habitat: exposed beach of medium fine sand and shell fragments) (MHT 82).

Depth range: 0-1,2 m.

Type-locality: Falkland Islands: East Falkland Island, south shore of Port William, tidal range-1,2 m; Surf Bay, (bottom/habitat: exposed beach of medium fine sand and shell fragments) (MHT 82).

Type specimen location: NHM, London.

Family PHOXOCEPHALIDAE G.O. Sars, 1891

Subfamily Harpininae Barnard & Drummond, 1978

Coxophoxus coxalis (K.H. Barnard, 1932)

Barnard K.H., 1932: 97, fig. 48. (*Phoxocephalus coxalis*).

Barnard J.L., 1958: 118. (*Phoxocephalus coxalis*).

Barnard J.L., 1960a: 294. (*Phoxocephalus coxalis*).

Barnard J.L., 1966a: 84.

Barnard J.L., 1969c: 415. (*Phoxocephalus coxalis*).

Lowry & Bullock, 1976: 125.

Gurjanova, 1977: 69, pl.1.

Barnard & Drummond, 1978: 530.

Barnard & Barnard, 1990:37.

Barnard & Karaman, 1991: 606.

De Broyer & Jazdzewski, 1993: 83.

Alonso de Pina et al., (in press).

Distribution:

G(? P)

South Georgia: *Discovery 1925-27*, sta. WS 53, from 53°42'S 37°12'W to 53°29'S 37°13'W, 0-5 m (gear: tow-net) (KHB 32).

Depth range: 0-5 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. WS 53, from 53°42'S 37°12'W to 53°29'S 37°13'W, 0-5 m (gear: tow-net) (KHB 32).

Type material location: NHM, London.

Harpiniopsis aciculum Ren, 1991

Ren, 1991 in Ren & Huang, 1991: 271, 312-313, fig. 53

De Broyer & Jazdzewski, 1993: 83.

Alonso de Pina et al., (in press).

Distribution:

W(+Ba)

Bransfield Strait: 62°51.6'S 58°07.5'W, 654 m (bottom/habitat: sand, mud) (R&H 91).

Drake Passage: *Polarstern ANT XV/3 (EASIZ II)*, sta. 341, Drake Passage, 61°34.5'S 58°07'W, 429 m (gear: multibox corer) (MR, unpubl. rec.).

South Shetland Islands: King George Island, 62°19.4'S 58°43.4'W, 461 m (bottom/habitat: mud); 62°15.8'S 58°45.9'W, 510 m (bottom/habitat: sand, mud); 62°10.8'S 58°20'W, 520 m (bottom/habitat: mud) (R&H 91); *Polarstern ANT XV/3 (EASIZ II)*, sta. 325, 62°21.9'S 58°42.6'W, 805 m (gear: multibox corer); sta. 326, 62°20.1'S 58°38.8'W, 606 m (gear: multibox corer 31) (MR, unpubl. rec.).

Depth range: 429-805 m.

Type-locality: Bransfield Strait: 62°51.6'S 58°07.5'W, 654 m (bottom/habitat: sand, mud) (R&H 91).

Type material location: IOQ, Qingdao.

Remarks: Ren & Huang (1991) consider that *Harpiniopsis aciculum* is closely related to *H. petulans* J.L. Barnard, 1966. Recently, Rauschert (unpubl. rec.) identified this taxon from the South Shetland Islands and recorded the species for the first time from the Drake Passage.

Harpiniopsis wandichia (J.L. Barnard, 1962d)

Barnard J.L., 1962d:3, 4, 12, 14, 50, fig. 39, table 8. (*Harpinia wandichia*).

Barnard J.L., 1969c: 414, (by implication). (*Pseudharpinia wandichia*).

Lowry & Bullock, 1976: 130. (*Pseudharpinia wandichia*).

Barnard & Drummond, 1978: 535.

Barnard & Barnard, 1990: 61.

Barnard & Karaman, 1991: 613.

De Broyer & Jazdzewski, 1993: 83.

Alonso de Pina et al., (in press).

Distribution:

W(Ba)

Valdivia Basin: *Vema 14*, sta. 49, slope of South Sandwich Trench, 56°43'S 27°41'W, 2747 m (gear: small benthic trawl) (JLB 62d).

Depth range: 2747 m.

Type-locality: Valdivia Basin: *Vema 14*, sta. 49, slope of South Sandwich Trench, 56°43'S 27°41'W, 2747 m (gear: small benthic trawl) (JLB 62d).

Type material location: LGOC, New York.

***Heterophoxus pellusidus* Ren, 1991**

Ren, 1991 in Ren & Huang, 1991: 273-274, 313-315, fig. 54.
De Broyer & Jażdżewski, 1993: 16, 83.
Alonso de Pina et al., (in press).

Distribution: **W(+Ba)**

Palmer Archipelago: 63°30'S 62°31'W, 180 m (bottom/habitat: sand) (R&H 91).

South Shetland Islands: 62°44.9'S 61°02.6'W, 128 m (bottom/habitat: mud); King George Island: 62°12.2'S 58°55'W, 110 m (bottom/habitat: mud); 62°10.8'S 58°20'W, 520 m (bottom/habitat: mud), 860 m (bottom/habitat: sand) (R&H 91).

Depth range: 110-860 m.

Type-locality: South Shetland Islands: 62°44.9'S 61°02.6'W, 128 m (bottom/habitat: mud) (R&H 91).

Type material location: IOQ, Qingdao.

***Heterophoxus trichosus* K.H. Barnard, 1932**

Barnard K.H., 1932: 100, fig. 50.
Stephensen, 1947a: 38.
Barnard J.L., 1958e: 117.
Barnard J.L., 1960a: 320.
Thurston, 1974a: app. C.
Lowry & Bullock, 1976: 125-126.
Barnard & Drummond, 1978: 533.
Arnaud *et al.*, 1986: 17, table 1.
Barnard & Karaman, 1991: 613.
Ren & Huang, 1991: 274, 314, 315.
? Rauschert, 1991: 38.
Jażdżewski *et al.*, 1991: 110.
Jażdżewski *et al.*, 1992: 465, 469.
De Broyer & Jażdżewski, 1993: 83.
Jażdżewski *et al.*, 1996: 372.
Alonso de Pina et al., (in press).

Distribution: **W**

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

South Shetland Islands: Deception Island, [62°57'S 60°38'W] (KS 47a); ? King George Island, 62°11'-14'S 58°52'-58'W, 30 m (bottom/habitat: mud, pebble; gear: SCUBA); 10-15 m (bottom/habitat: sand; gear: dredge) (MR 91); King George Island, Admiralty Bay, 62°00'S 58°30'W, 5-30 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91).

Depth range: 5-200 m.

Type-locality: Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Type material location: NHM, London.

Remarks: See remarks under *Heterophoxus videns*.

***Heterophoxus videns* K.H. Barnard, 1930**

Barnard K.H., 1930: 334, 449, fig. 11.
Walker, 1907: 17. (*Harpinia obtusifrons*).
Chilton, 1912a: 477. (*Harpinia obtusifrons*).
Schellenberg, 1931a: 74, figs. 37b, 38.
Barnard K.H., 1932: 100.
Schellenberg, 1935a: 232.
Nicholls, 1938: 46, fig. 24.
Hurley, 1954a: 587, (in key).
Barnard J.L., 1958e: 117.
Barnard J.L., 1960a: 319.
Bellan-Santini, 1972a: 227, pl. 35.
Bellan-Santini, 1972b: 699.
Arnaud, 1974: 562, table 20. (eco).
Andres, 1975: 92, 96, 97.
Thurston, 1974a: 21.
Thurston, 1974b: 66.
Lowry & Bullock, 1976: 126.
Barnard & Drummond, 1978: 533.
Lowry, 1982: 320.
Oliver *et al.*, 1982: 182, 183, fig. 1, table 1, 2. (eco).
Barnard & Barnard, 1990: 62.
Wakabara *et al.*, 1990: 2, 4, 6.
Andres, 1990: 135, fig. 265.
Barnard & Karaman, 1991: 613.
Ren & Huang, 1991: 274, 314, 315.
Gonzalez, 1991a: 61.
Wakabara *et al.*, 1991: 73-74.
Rauschert, 1991: 38.
Jażdżewski *et al.*, 1992: 465, 469.
Lenihan, 1992: 319, table 2. (eco).
De Broyer & Jażdżewski, 1993: 84.
Lenihan, 1995: 233-247, 249, 253, figs. 2, 4, 7, tables 1, 2, 3. (eco).
Jażdżewski *et al.*, 1996: 372.
Wakabara & Serejo, 1998: 578.
De Broyer *et al.*, 1999: 167.
De Broyer & Rauschert, 1999: 286, table 1.
Valerio-Berardo *et al.*, 2000: 122, 123, 124. (eco).
Dauby *et al.*, 2001a: 69-86. (eco).
Dauby *et al.*, 2001b: 657-662. (eco).
Chiesa *et al.*, 2005: 170.
Alonso de Pina et al., (in press).

Distribution: **E+W+G+M+**

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°00'S 142°36'E, 5-45 m (GEN 38); Géologie Archipelago, between Marégraphe Island, [66°40'S 140°00'E] and NW Carrel Island, [66°40'S 142°01'E], sta. TA-D1, 15 m (bottom/habitat: sand, pebble, rock; gear: Charcot dredge); sta. TA-D4, 15 m (bottom/habitat: rock); sta. TA-B1, 15 m (bottom/habitat: callus; gear: small dredge); S of Pétrrels Island, sta. TA-D14, 8-10 m (bottom/habitat: block; gear: Charcot dredge); Géologie Archipelago, sta. TA-B12, 66°39'S 139°55'E, 6 m (DBS 72a); fish stomach content (DBS 72b).

Bransfield Strait: 62°09'15"S 58°28'30"W, 17-40 m; 64°45'S 64°05'W, 40 m (fish stomach content) (YW *et al.* 90).

Drake Passage: *Polarstern ANT XV/3 (EASIZ II)*, Drake Passage, sta. 336, 61°26.5'S 58°07.4'W, 1031 m (gear: Agassiz trawl); sta. 356, 62°00.3'S 59°14.9'W, 130 m (gear: multibox corer) (MR, unpubl. rec.).

Falkland Islands: *Swed. South Pol. Exp. 1901-03*, Port Louis, 51°33'S 58°09'W, 2-8 m (bottom/habitat: mud, shells, gravel, rock, algae) (AS 31a).

Magellan area: *Schwed. Exp. Magellan. 1895-97*, Punta Arenas, 53°10'S 70°54'W, 13-14 m (bottom/habitat: sand, algae); Tribuna Bank, [52°38'S 70°07'W]; Magellan Sound, [54°S 71°W], 5-7 m; 'Katanushuaia', [channel between Hoste and Navarino islands, 54°50'S 68°20'W], 18-22 m (bottom/habitat: shells, stones, algae); Puerto Eugenia, 54°56'S 67°20'W, 18-27 m (bottom/habitat: clay, algae); Puerto Toro, 55°05'S 67°06'W, 36-45 m; Bahía Ushuaia, 54°49'S 68°18'W, 18 m (bottom/habitat: brownish clay); *Hamb. Magalh. Samm. 1892-93*, 48°S 64°W; Ushuaia, [54°49'S 68°18'W], intertidal (AS 31a); Estrecho de Magallanes, [54°00'S 71°00'W] (HGA 75); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Bahía Golondrina, 54°49-50'S 68°16-17'W, 30 m (gear: Snapper grab) (ILC *et al.* 05); *Victor Hensen Magellan 1994*, Estrecho Laredo, Whiteside Channel, sta. 958, 52°58'S 70°41.1'W, 111 m (gear: small dredge); Isla Picton, sta. 1192, 55°06.7'S 67°01.6'W, 40 m (gear: small dredge); SE Isla Picton, sta. 1216, 55°07.2'S 66°40.2'W, 67 m (gear: small dredge) (MR, unpubl. rec.); *Vidal Gormaz CIMAR FIORD 3*, Isla Lennox, Paso Richmond, sta. 42, 55°11.5'S 66°46.3'W, 52 m (MR, unpubl. rec.).

Marguerite Bay: Stonington Island, 68°11'S 67°00'W, 31 m (bottom/habitat: pebble; gear: dredge) (MHT 74b).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, Hut Point, [77°51'S 166°38'E] (AOW 07); *Terra Nova 1910*, sta. 220, off Cape Adare, 71°17'S 170°14'E, 82-92 m; sta. 331, McMurdo Sound, 77°30'S 165°00'E, 457 m (KHB 30); *Nimrod 1907-1909*, McMurdo Bay, 13-36 (KHB 30); McMurdo Sound, 77°49'S 166°30'W, <30 m (gear: corer) (JSO 82); McMurdo Station, [77°30'S 165°00'E], 9-33.5 m (HSL 92); McMurdo Station, [77°30'S 165°00'E], 18 m (HSL 95).

South Georgia: *Swed. South Pol. Exp. 1901-03*, Cumberland Bay, 54°17'S 36°28'W, 75 m (bottom/habitat: clay, algae); Grytviken, [54°17'S 36°30'W], 22 m (bottom/habitat: clay, algae) (AS 31a); *Discovery 1925-27*, sta. 27, Cumberland West Bay, [54°14'S 36°35'W], 110 m (bottom/habitat: mud, rock; gear: large dredge); sta. 156, 53°51'S 36°21'W, 200-236 m (bottom/habitat: rock; gear: large heavy dredge); sta. WS 25, Undine Harbour, [54°02'S 37°58'W], 18-27 m (bottom/habitat: mud, stones; gear: small beam trawl) (KHB 32).

South Orkney Islands: Laurie Island, Scotia Bay, sta. 325, 60°43'S 44°38'W, 16-18 m (gear: dredge) (CC 12); Signy Island, Borge Bay, Billie Rocks, [60°43'S 45°37'W], 7-9 m (bottom/habitat: muddy sand; gear: spot dives) (MHT 74a).

South Shetland Islands: *Discovery 1925-27*, Admiralty Bay, sta. 195, 62°07'S 58°28'W, 391 m (bottom/habitat: mud, stones; gear: nets) (KHB 32); King George Island, 62°11'-14'S 58°52'-58'W, 5 m (bottom/habitat: sand, pebble; gear: dredge); 7 m (bottom/habitat: sand; gear: dredge) (MR 91); Admiralty Bay, 62°00'S 58°30'W, 46-147 m (gear: Van Veen grab) (KJ

et al. 92); *Polarstern ANT XV/3 (EASIZ II)*, King George Island, sta. 322, 62°20.6'S 58°35.7'W, 637 m (gear: Agassiz trawl+Rauschert dredge); sta. 325, 62°21.9'S 58°42.6'W, 805 m (gear: multibox corer); sta. 326, 62°20.1'S 58°38.8'W, 606 m (gear: multibox corer) (MR, unpubl. rec.).

Weddell Sea: eastern shelf (CDB *et al.* 99).

Depth range: 2-1031 m.

Type-locality: Ross Sea: *Terra Nova 1910*, sta. 220, off Cape Adare, 71°17'S 170°14'E, 82-92 m (KHB 30).

Extralimital distribution: *Schwed. Exp. Magellan. 1895-97, Chile:* Valparaiso, [33°01'S 71°37'W], 11-14 m; *Hamb. Magalh. Samm. 1892-93*, Corral, [39°50'S 73°28'W], 9-11 m (AS 31a); Valdivia, [39°48'S 73°14'W], Valparaiso, [33°01'S 71°37'W] (HGA 75); Brazil: São Paulo, 23°25'-24°22'S 44°33'-45°16'W, 17-25 m (bottom/habitat: muddy sand) (YW *et al.* 90), 17-47 m (VB *et al.* 00).

Extralimital depth range: 9-47 m.

Type material location: NHM, London.

Remarks: This species is distinguished from *Heterophoxus trichosus* by the long tooth on the posterodistal corner of epimeron 3. *Heterophoxus videns* is extensively distributed in the Antarctic region where Rauschert (unpubl. rec.) expands its records to the South Shetland Islands and reports the species for the first time in the Drake Passage. The species is reported also in the Magellan province from southern Tierra del Fuego and Chile by Chiesa *et al.* (2005) and Rauschert (unpubl. rec.) respectively.

Proharpinia antipoda Schellenberg, 1931a

Schellenberg, 1931: 80-81, fig. 41.

Barnard J.L., 1958b: 119.

Barnard J.L., 1960a: 311, 312-315, 318, pl. 56.

Lowry & Bullock, 1976: 128.

Barnard & Drummond, 1978: 532.

Barnard & Karaman, 1982: 183.

Barnard & Barnard, 1990: 114.

Barnard & Karaman, 1991: 627, 628.

Gonzalez, 1991: 61.

De Broyer & Jazdzewski, 1993: 85.

De Broyer & Rauschert, 1999: 286, table 1.

Alonso de Pina *et al.*, (in press).

Distribution:

M

Falkland Islands: *Swed. South Pol. Exp. 1901-03*, Port Louis, 51°33'S 58°09'W, 8 m (bottom/habitat: mud, shells) (AS 31a) (revised by JLB 60).

Magellan area: *Schwed. Exp. Magellan. 1895-97*, Ultima Esperanza, 51°40'S 72°40'W, 7-9 m (bottom/habitat: black fine clay); Puerto Angosto, 53°14'S 73°21'W, 18 m (bottom/habitat: clay); Puerto Condor, 54°00'S 70°08'W, 90 m (bottom/habitat: rocks, sponges, ascidians); Cabo Valentina, 53°25'S 70°40'W, 270 m (bottom/habitat: shells); 'Lagotowia', 55°24'S 68°17'W, 18 m (bottom/habitat: bluish and black-greyish clay); Puerto Toro, 55°05'S 67°06'W, 36-45 m (bottom/habitat: shells, algae); Bahía Ushuaia, 54°49'S 68°18'W, 18 m (bottom/habitat: brown clay) (revised by

JLB 60); *Hamb. Magalh. Samm. 1892-93*, Puerto Bridges, [54°52'S 68°17'W], 13 m; Isla Picton, Banner Cove, [55°01'S 66°56'W], 5 m (bottom/habitat: kelp holdfasts) (AS 31A); *Victor Hensen Magellan 1994*, Estrecho de Magallanes, Laredo, sta. 813, 52°57.5'S 70°41'W, 90 m (gear: small dredge); Bahía Manza south, Puerto del Hambre, [53°38'S 70°56'W], 3 m; Gente Grande, sta. 822, 53°02.5'S 70°17.1'W, 8 m (gear: small dredge); Paso Ancho St. 19, sta. 843, 53°09.2'S 70°39.2'W, 127 m (gear: small dredge); off Punta Arenas, sta. 950, 53°10.2'S 70°52.7'W, 26 m (gear: small dredge); sta. 958, 52°58'S 70°41.1'W, 111 m (gear: small dredge); sta. 966, 52°57.9'S 70°46.9'W, 13 m (gear: small dredge); Bahía Voces, sta. 868, 53°42.3'S 70°54.4'W, 470 m (gear: small dredge); Canal Beagle, Francia, sta. 1084, 54°55.3'S 69°019.9'W, 268 m (gear: light meter); Bahía Oglander, sta. 1152, 55°09.1'S 67°01.7'W, 15 m (small dredge); sta. 1160, 55°07.8'S 67°01.8'W, 33 m (gear: small dredge); Isla Lennox, sta. 1226, 55°14.3'S 67°00.4'W, 24 m (gear: baited trap) (MR, unpubl. rec.); *Vidal Gormaz CIMAR FIORD 3*, Estrecho de Magallanes, Bahía Snug, sta. 8, 53°51.8'S 71°32'W, 260 m; Seno Almirantazgo, sta. 52, 54°24.5'S 69°11.3'W, 110 m; Bahía Inutil, sta. 57, 53°27.7'S 69°30.6'W, 45 m (MR, unpubl. rec.).

South Shetland Islands: *Polarstern ANT XV/3 (EASIZ II)*, King George Island, sta. 300, 62°16.8'S 58°42.1'W, 423 m (gear: multibox corer) (MR, unpubl. rec.).

Type-locality: Falkland Islands: *Swed. South Pol. Exp. 1901-03*, Port Louis, 51°33'S 58°09'W, 8 m (bottom/habitat: mud, shells); Magellan area: *Schwed. Exp. Magellan. 1895-97*, Ultima Esperanza, 51°40'S 72°40'W, 7-9 m (bottom/habitat: black fine clay); Puerto Angosto, 53°14'S 73°21'W, 18 m (bottom/habitat: clay); Puerto Condor, 54°00'S 70°08'W, 90 m (bottom/habitat: rocks, sponges, ascidians); Cabo Valentina, 53°25'S 70°40'W, 270 m (bottom/habitat: shells); 'Lagotowia', 55°24'S 68°17'W, 18 m (bottom/habitat: bluish and black-greyish clay); Puerto Toro, 55°05'S 67°06'W, 36-45 m (bottom/habitat: shells, algae); Bahía Ushuaia, [54°49'S 68°16'W], 18 m (bottom/habitat: brown clay) (revised by JLB 60); *Hamb. Magalh. Samm. 1892-93*, Puerto Bridges, [54°52'S 68°17'W], 13 m; Isla Picton, Banner Cove, [55°01'S 66°56'W], 5 m (bottom/habitat: kelp holdfasts) (AS 31A).

Depth range: 3-470 m.

Type material location: NRS, Stockholm.

Remarks: See remarks under *Proharpinia stephenseni*. *P. antipoda* extends its distribution widely in the Magellan province and is newly recorded in the South Shetland Islands (Rauschert, unpubl. rec.).

***Proharpinia stephenseni* (Schellenberg, 1931a)**

Schellenberg, 1931: 73-74, fig. 37a. (*Heterophoxus stephenseni*).

Non Hurley, 1954: 589-593, figs. 29-67. (*Heterophoxus stephenseni* = *Proharpinia hurleyi*, in part).

Hurley, 1957: 3. (*Heterophoxus stephenseni*).

Barnard J.L., 1958a: 149.

Barnard J.L., 1958b: 119.

Barnard J.L., 1960a: 311 (in key), 316-318, pl. 58.

Lowry & Bullock, 1976: 129.

Barnard & Drummond, 1978: 532.

Barnard & Karaman, 1982: 183.

Barnard & Barnard, 1990: 114.

Barnard & Karaman, 1991: 627, 628. (quest. genus).

Gonzalez, 1991: 61.

De Broyer & Jażdżewski, 1993: 85.

De Broyer & Rauschert, 1999: 286.

Chiesa *et al.*, 2005: 170.

Alonso de Pina *et al.*, (in press).

Distribution:

Falkland Islands: *Swed. South Pol. Exp. 1901-03*, Port Louis, 51°33'S 58°09'W, 2-8 m (bottom/habitat: gravel, mud, shells); Port Albemarle, 52°09'S 60°33'W, 15 m (bottom/habitat: sand, algae) (AS 31a) (revised by JLB 60).

Magellan area: *Schwed. Exp. Magellan. 1895-97*, Bahía Ushuaia, 54°49'S 68°18'W, 6-18 m (bottom/habitat: mud); *Hamb. Magalh. Samm. 1892-93*, Bahía Ushuaia, [54°49'S 68°16'W], 4 m (AS 31A) (revised by JLB 60); Estrecho de Magallanes, 53°S 70°W (EG 91); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Bahía Buen Suceso, 54°47'S 65°14'W, 12 m (gear: dredge); Península Ushuaia, 54°51'S 68°19'W, 5-10 m (gear: Van Veen grab) (ILC *et al.* 05); *Victor Hensen Magellan 1994*, Estrecho de Magallanes, Gente Grande, sta. 822, 53°02.5'S 70°17.1'W, 8 m (gear: small dredge); Bahía Voces, sta. 884, 53°42.6'S 70°57.5'W, 51 m (gear: small dredge); sta. 958, 52°58'S 70°41.1'W, 111 m (gear: small dredge); sta. 966, 52°57.9'S 70°46.9'W, 13 m (gear: small dredge) (MR, unpubl. rec.).

Depth range: 2-111 m.

Type-locality: Falkland Islands: *Swed. South Pol. Exp. 1901-03*, Port Louis, 51°33'S 58°09'W, 2-8 m (bottom/habitat: gravel, mud, shells); Port Albemarle, 52°09'S 60°33'W, 15 m (bottom/habitat: sand, algae) (AS 31a; JLB 60); Magellan area: *Schwed. Exp. Magellan. 1895-97*, Bahía Ushuaia, [54°49'S 68°16'W], 6-18 m (bottom/habitat: mud) (AS 31a; JLB 60); *Hamb. Magalh. Samm. 1892-93*, Bahía Ushuaia, [54°49'S 68°16'W], 4 m (AS 31a; JLB 60).

Type material location: NRS, Stockholm.

Remarks: The species expands its distribution in southern Tierra del Fuego (Chiesa *et al.* 05) and southern Chile (Rauschert, unpubl. rec.).

***Pseudharpinia antarctica* Ren, 1991**

Ren, 1991 in Ren & Huang, 1991: 190, 274-276, 297, 315-316, fig. 55.

De Broyer & Jażdżewski, 1993: 16, 85.

Alonso de Pina *et al.*, (in press).

Distribution:

South Shetland Islands: King George Island, 62°06.8'S 58°23.5'W, 400 m (bottom/habitat: sand, mud with rock); 62°14.4'S 58°51.7'W, 345 m (bottom/habitat: mud, sand);

62°12.2'S 58°55'W, 110 m (bottom/habitat: mud with rock) (R&H 91).

Depth range: 110-400 m.

Type-locality: South Shetland Islands: King George Island, 62°06.8'S 58°23.5'W, 400 m (bottom/habitat: sand, mud with rock) (R&H 91).

Type material location: IOQ, Qingdao.

Remarks: See remarks under *Pseudoharpinia dentata*.

***Pseudoharpinia calcariaria* Bushueva, 1982**

Bushueva, 1982: 1261-1264, 1 fig.

Barnard & Barnard, 1990: 116.

Barnard & Karaman, 1991: 629.

De Broyer & Jazdzewski, 1993: 85.

Alonso de Pina et al., (in press).

Distribution: **E(+Ba)**

Davis Sea: *SAE 1955-58, Ob*, sta. 15, 64°35'S 96°51'E, 210 m (bottom/habitat: silty sand; gear: Okean grab 0.25 m²); sta. 16, 64°08'S 95°44'E, 2000 m (bottom/habitat: clay, mud; gear: dredge) (IVB 82).

Depth range: 210-2000 m.

Type-locality: Davis Sea: *SAE 1955-58, Ob*, sta. 15, 64°35'S 96°51'E, 210 m (bottom/habitat: silty sand; gear: Okean grab 0.25 m²); sta. 16, 64°08'S 95°44'E, 2000 m (bottom/habitat: clay, mud; gear: dredge) (IVB 82).

Type material location: ZIN, St Petersburg.

Remarks: See remarks under *Pseudoharpinia dentata*.

***Pseudoharpinia cariniceps* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 12, 13, 14, 99-100, fig. 49. (*Harpinia cariniceps*).

Barnard J.L., 1958b: 116. (*Harpinia cariniceps*).

Barnard J.L., 1960: 347, 348, 351. (*Harpinia cariniceps*).

Barnard J.L., 1969: 414 (by implication).

Thurston, 1974a: appendix. A, C. (*Harpinia cariniceps*).

Lowry & Bullock, 1976: 129.

Barnard & Drummond, 1978: 534.

Barnard & Barnard, 1990: 116.

Barnard & Karaman, 1991: 629.

Jazdzewski et al., 1992: 465, 470.

Jazdzewski et al., 1996: 372. (*Pseudoharpinia* [sic] *cariniceps*).

De Broyer & Jazdzewski, 1993: 85.

Alonso de Pina et al., (in press).

Distribution: **W**

Palmer Archipelago: *Discovery 1925-27*, Schollaert Channel, sta. 181, [64°30'S 62°52'W], 160-335 m (bottom/habitat: mud; gear: nets); Anvers Island, Fournier Bay, sta. 186, [64°31'S 63°06'W], 295 m (bottom/habitat: mud; gear: large heavy dredge) (KHB 32).

South Orkney Islands: *Discovery 1925-27*, off Signy Island, sta. 162, [60°43'S 45°38'W], 320 m (bottom/habitat: green

mud; gear: large heavy dredge); sta. 167, 244-344 m (bottom/habitat: green mud; gear: nets) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, King George Island, Admiralty Bay, sta. 195, 62°07'S 58°28'W, 391 m (bottom/habitat: mud, stones; gear: nets) (KHB 32); 88-120 m (gear: Van Veen grab) (KJ et al. 92).

Depth range: 88-391 m.

Type-locality: South Orkney Islands: *Discovery 1925-27*, off Signy Island, sta. 167, [60°43'S 45°38'W], 244-344 m (bottom/habitat: green mud; gear: nets) (KHB 32).

Type material location: NHM, London.

Remarks: See remarks under *Pseudoharpinia dentata*.

***Pseudoharpinia dentata* Schellenberg, 1931a**

Schellenberg, 1931: 82-83, fig. 42.

Barnard J.L., 1958b: 119.

Barnard J.L., 1960: 330, 342, 347, 349, pl. 75.

Barnard J.L., 1969: 414 (by implication), 420.

Lowry & Bullock, 1976: 129.

Barnard & Drummond, 1978: 534.

Barnard & Barnard, 1990: 116.

Wakabara et al., 1990: 2, 5, 7. (*Pseudoharpinia* [sic] *dentata*).

Barnard & Karaman, 1991: 628, 629.

Rauschert, 1991: 38, 41.

Gonzalez, 1991: 62.

Wakabara et al., 1991: 74.

Ren & Huang, 1991: 276, 316.

De Broyer & Jazdzewski, 1993: 85.

Wakabara & Serejo, 1998: 579.

De Broyer & Rauschert, 1999: 286.

Valerio-Berardo et al., 2000: 122, 123, 124. (eco). (*Pseudoharpinia* [sic] *dentata*).

Alonso de Pina et al., (in press).

Distribution: **W+M+(+Ba)**

Magellan area: *Schwed. Exp. Magellan. 1895-97*, 'Lagotowia', 55°24'S 68°17'W, 18 m (bottom/habitat: bluish and black-greyish clay) (AS 31a) (revised by JLB 60); Estrecho de Magallanes, 53°S 70°W (EG 91); *Victor Hensen Magellan 1994*, Estrecho de Magallanes, sta. 813, Laredo, 52°57.5'S 70°41'W, 90 m (gear: small dredge); sta. 843, Paso Ancho, 53°09.2'S 70° 39.2'W, 127 m (gear: small dredge); sta. 866, 53°41.8'S 70°54.6'W, 440 m (gear: meiobenthos multicorer); sta. 868, Bahía Voces, 53°42.3'S 70°54.4'W, 470 m (gear: small dredge); sta. 874, 53°43.6'S 70°56.1'W, 335 m (gear: small dredge); sta. 878, 53°41.7'S 70° 56.4'W, 260 m (gear: small dredge); sta. 886, 53°41.8'S 70°57.2'W, 102 m, (gear: meiobenthos multicorer); sta. 887, 53°42.2'S 70°57.2'W, 100 m (gear: small dredge); sta. 958, 52°58'S 70°41.1'W, 111 m (gear: small dredge); sta. 979, 53°32.9'S 70°39.2'W, 462 m (gear: small dredge); sta. 980, 53°42.7'S 70°50.1'W, 522 m (gear: small dredge); Canal Beagle, sta. 1083, Romanche, 54°53.1'S 69°30.5'W, 62 m (gear: small dredge); sta. 1119, Italia, 54°56'S 69°014.3'W, 208 m (gear: small dredge); sta. 1183, Isla Picton, 55°06.5'W 66°55.5'W, 109 m (gear: small dredge); sta. 1221, SE Isla

Picton, 55°07.6'S 66°44.6'W, 33 m (gear: small dredge) (MR, unpubl. rec.); *Vidal Gormaz CIMAR FIORD 3*, sta. 8, Estrecho de Magallanes, Bahía Snug, 53°51.8'S 71°32'W, 260 m; sta. 16, G. Xaultegua, 53°8.65'S 73°4.7'W, 411 m; sta. 29, Seno Agostini, 54°27.5'S 70°25.5'W, 197 m; sta. 36, Canal Ballenero, 54°55.7'S 70°42.3'W, 120 m; sta. 52, Seno Almirantazgo, 54°24.5'S 69°11.3'W, 110 m (MR, unpubl. rec.).

South Shetland Islands: 61°16'S 55°05'W, 60 m (YW *et al.* 90); King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 18-522 m.

Type-locality: Magellan area: *Schwed. Exp. Magellan. 1895-97*, 'Lagotowia', 55°24'S 68°17'W, 18 m (bottom/habitat: bluish and black-greyish clay) (AS 31a; JLB 60).

Extralimital distribution: Brazil, São Paulo, 23°25'-24°22'S 44°33'-45°16'W (bottom/habitat: muddy sand) (YW *et al.* 91), 17-50 m (VB *et al.* 00).

Extralimital depth range: 17-50 m.

Type material location: NRS, Stockholm.

Remarks: *Pseudharpinia dentata*, *P. antarctica*, *P. calcariaria*, *P. cariniceps*, *P. obtusifrons* and *P. vallini* basically differ in some morphological characters combined such as: different size of teeth or serrations on ventral margin of pereopod 7 basis, number and length of setae among these serrations, the length of uropod 3, length and setation on article 2 of outer ramus of uropod 3. *P. dentata* was recently extensively recorded from the Magellan area (Rauschert, unpubl. rec.).

***Pseudharpinia obtusifrons* (Stebbing, 1888)**

Stebbing, 1888: 820-824, pl. 56. (*Harpinia obtusifrons*).

Della Valle, 1893: 747. (*Harpinia neglecta*, in part).

Stebbing, 1906: 143-144. (*Harpinia obtusifrons*).

Non Walker, 1907: 17. (*Harpinia obtusifrons* = *Heterophoxus videns*).

Non Chilton, 1909: 619. (*Harpinia obtusifrons* = *Proharpinia hurleyi*, in part).

Non Chilton, 1912: 477-478. (*Harpinia obtusifrons* = *Heterophoxus videns*).

Non Thomson, 1913: 242. (*Harpinia obtusifrons* = *Proharpinia hurleyi*).

Schellenberg, 1926c: 195. (*Harpinia obtusifrons*).

Non Stephensen, 1927: 306-307, fig. 6. (*Harpinia obtusifrons* = *Proharpinia hurleyi*).

Barnard J.L., 1958b: 116. (*Harpinia obtusifrons*).

Barnard J.L., 1960: 315, 316, 318, 319, 344, 347, 348, 355. (*Harpinia obtusifrons*).

Barnard J.L., 1969: 414. (by implication).

Mills, 1972: 74, table 1. (*Harpinia obtusifrons*).

Arnaud, 1974: 546, table 14. (eco). (*Harpinia obtusifrons*).

Bellan-Santini & Ledoyer, 1974: 639, 640, 694. (*Harpinia obtusifrons*).

Lowry & Bullock, 1976: 129-130.

Barnard & Drummond, 1978: 534.

Bellan-Santini & Ledoyer, 1987: 351-354, 418. (*Harpinia obtusifrons*).

Barnard & Barnard, 1990: 116.

Barnard & Karaman, 1991: 629.

Branch *et al.*, 1991: 10, 40, fig. on p.10 (*Harpinia obtusifrons*).

De Broyer & Jazdzewski, 1993: 85.

De Broyer & Rauschert, 1999: 286, table 1.

Alonso de Pina *et al.*, (in press).

Distribution:

W+S+M(+Ba)

Drake Passage: *Polarstern ANT XV/3 (EASIZ II)*, sta. 336, 61°26.5'S 58°07.4'W, 1031 m (gear: Agassiz trawl) (MR, unpubl. rec.).

Iles Kerguelen: *Challenger 1873-76*, sta.?, Kerguelen Islands, no loc., [49°15'S 69°10'E], 54-216 m (TRS 88); *Deutsch. Tiefsee-Exp. 1898-99*, Kerguelen Islands, shallow littoral (AS 26c); NE Golfe du Morbihan, sta. Ker-B14, [49°25'S 70°08'E], 15 m (bottom/habitat: sand, mud); NW Golfe du Morbihan, Ile Australia, sta. Ker-B7, [49°28'S 69°51'E], 24 m (bottom/habitat: black mud) (BS&L 74).

Magellan area: *Victor Hensen Magellan 1994*, Estrecho de Magallanes, sta. 980, Bahía Voces, 53°42.7'S 70°50.1'W, 522 m (gear: small dredge); Canal Beagle, sta. 1192, Isla Picton, 55°06.7'S 67°01.6'W, 40 m (gear: small dredge) (MR, unpubl. rec.).

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: sand, mud); sta. 15 BB 88, 46°57.7'S 37°59.9'E, 204 m (bottom/habitat: coarse sand); sta. 17 DC 96, 46°52.1'S 37°53.8'E, 112 m (bottom/habitat: sand, mud); sta. 17 BB 97, 46°52.5'S 37°53.5'E, 110 m (bottom/habitat: sand, mud); sta. 18 DC 107, 46°49.8'S 37°56.2'E, 140 m (bottom/habitat: sandy mud with bryozoans); sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 18 RK 109, 138 m; sta. 19 BB 111, 46°46.2'S 38°03.2'E, 190 m (bottom/habitat: mud); sta. 21 DC 118, 46°53.3'S 37°52.8'E, 50 m (bottom/habitat: black sand); sta. 21 BB 119, 46°53.3'S 37°53'E, 57 m (bottom/habitat: black sand); sta. 22 DC 124, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand); sta. 22 BB 125, 31 m (bottom/habitat: sand); sta. 31 DC 156, 46°59.05'S 37°46.06'E, 185 m (bottom/habitat: black sand, gravel); sta. 31 BB 157, 46°59.5'S 37°46.8'E, 192 m (bottom/habitat: sand); sta. 34 DC 167, 46°50.2'S 37°51.2'E, 115 m (bottom/habitat: compacted mud); sta. 34 BB 168, 46°50.2'S 37°51.2'E, 110 m (bottom/habitat: compacted mud); sta. 35 DC 170, 46°39.7'S 38°00.3'E, 53 m (bottom/habitat: gravel, blocks) (BS&L 87); 46°54'S 37°45'E-46°38'S 37°57'E, 10-200 m (MLB *et al.* 91).

Depth range: 0-1031 m.

Type-locality: *Challenger 1873-76*, sta.?, Iles Kerguelen, [49°15'S 69°10'E], 54-216 m (TRS 88).

Type material location: NHM, London.

Remarks: See remarks under *Pseudharpinia dentata*. *P. obtusifrons* was newly recorded in the Magellan area and the Drake Passage (Rauschert, unpubl. rec.).

***Pseudharpinia vallini* (Dahl, 1954)**

Dahl, 1954: 289-290, figs. 22-35. (?*Harpinia vallini*).

Barnard J.L., 1969: 414. (by implication).

Lowry & Bullock, 1976: 130.
 Barnard & Drummond, 1978: 534.
 Barnard & Barnard, 1990: 116.
 Barnard & Karaman, 1991: 629.
 De Broyer & Jazdzewski, 1993: 85.
 Alonso de Pina et al., (in press).

Distribution: **E(Ba)**

Ross Sea: Discovery Inlet, [78°20'S 171°00'W], 550 m (ED 54).

Depth range: 550 m.

Type-locality: Ross Sea: Discovery Inlet, [78°20'S 171°00'W], 550 m (ED 54).

Type material location: NRS, Stockholm?

Remarks: See remarks under *Pseudoharpinia dentata*

Torridoharpinia hurleyi (J.L. Barnard, 1958a)

Barnard J.L., 1958a: 149. (*Proharpinia hurleyi*).
 Chilton, 1909b: 619. (*Harpinia obtusifrons*, in part).
 Thomson, 1913: 242. (*Harpinia obtusifrons*).
 Stephensen, 1927e: 306-307, fig. 6. (*Harpinia obtusifrons*).
 Hurley, 1954: 587, 589-593, figs. 29-67. (*Heterophoxus stephenseni*, in part).
 Barnard J.L., 1960: 311, 315-316, 318, 319, 355, pl. 57. (*Proharpinia hurleyi*).
 Lowry & Bullock, 1976: 128-129. (*Proharpinia hurleyi*).
 Barnard & Drummond, 1978: 532. (*Proharpinia hurleyi*).
 Barnard & Karaman, 1982: 183, 184.
 Barnard & Barnard, 1990: 131.
 Barnard & Karaman, 1991: 632.
 De Broyer & Jazdzewski, 1993: 85.
 Alonso de Pina et al., (in press).

Distribution: **S+**

Auckland Islands: Coleridge Bay, Carnley Harbour, [50°52'S 166°10'E], 50 m (bottom/habitat: sandy clay) (KS 27e).

Campbell Island: Perseverance Harbour, [52°33'12"S 169°12'30"E], 14 m (CC 09b) (revised by JLB 60).

Depth range: 14-50 m.

Type-locality: New Zealand, Quarantine Island, Otago Harbour (bottom/habitat: sandbank) (DEH 54) (revised by JLB 60).

Extralimital distribution: New Zealand, Quarantine Island, Otago Harbour (bottom/habitat: sandbank); Portobello Marine Biological Station, Otago Harbour (bottom/habitat: sandy mud) (DEH 54) (revised by JLB 60).

Extralimital depth range: 0 m.

Type material location: CMNZ, Christchurch.

Subfamily Phoxocephalinae G.O. Sars, 1891 new comb.

Cephalophoxoides kergueleni (Stebbing, 1888)

Stebbing, 1888: 816, pl. 55, (as *Phoxus kergueleni* on plate).

(*Phoxocephalus kergueleni*).

Della Valle, 1893: 742. (*Phoxocephalus kergueleni*).

Stebbing, 1906: 135. (*Phoxocephalus kergueleni*).

Non Chilton, 1909b: 618. (*Phoxocephalus kergueleni* = *Phoxocephalus regium*).

Schellenberg, 1926c: 195. (*Phoxocephalus kergueleni*).

Monod & Dollfus, 1932: 73. (*Phoxocephalus kergueleni*).

Barnard J.L., 1958e: 118. (*Phoxocephalus kergueleni*).

Barnard J.L., 1960a: 300. (*Phoxocephalus kergueleni*).

Barnard J.L., 1964a: 21, fig. 17. (*Phoxocephalus kergueleni*).

Barnard J.L., 1967a: 135, 137, 138, fig. 67. (*Phoxocephalus kergueleni*).

Mills, 1972a: 74, table 1. (*Phoxocephalus kergueleni*).

Bellan-Santini & Ledoyer, 1974: 694. (*Phoxocephalus kergueleni*).

Lowry & Bullock, 1976: 128. (*Phoxocephalus kergueleni*).

Gurjanova, 1977: 81.

Barnard & Drummond, 1978: 427, 431, 441-442. (*Phoxocephalus kergueleni*).

Barnard & Barnard, 1990: 30.

De Broyer & Jazdzewski, 1993: 83.

Barnard & Karaman, 1991: 603.

Alonso de Pina et al., (in press).

Distribution:

W+S+M+

Iles Kerguelen: *Challenger 1873-76*, off Baie de Recques [Cumberland Bay], 48°48'S 69°02'E, 219 m (TRS 88); *Deutsch. Tiefsee-Exp. 1898-99*, 49°15'S 69°10'E, shallow littoral (AS 26c); Baie des Swains, 49°37'S 69°42'E (M&D 32); Golfe du Morbihan, Anse Joliette, 49°27'S 69°54'E, 10-54 m (BS&L 74).

Magellan area: *Victor Hensen Magellan 1994*, Estrecho de Magallanes, Laredo, sta. 813, 52°57.5'S 70°41'W, 90 m (gear: small dredge); sta. 958, 52°58'S 70°41.1'W, 111 m (gear: small dredge); sta. 966, 52°57.9'S 70°46.9'W, 13 m (gear: small dredge); Estrecho de Magallanes, Bahia Voces, sta. 884, 53°42.6'S 70°57.5'W, 51 m (gear: small dredge); sta. 875, 53°42.1'S 70°56.5'W, 240 m (gear: Agassiz trawl); Canal Beagle, Francia, sta. 1084, 54°55.3'S 69°019.9'W, 268 m (gear: light meter); Canal Beagle, Romanche, sta. 1083, 54°53.1'S 69°30.5'W, 62 m (gear: small dredge); Canal Beagle, Garibaldi, sta. 1045, 54°51.8'S 59°55.6'W, 186 m (gear: small dredge); Canal Beagle, Punta Yamana, sta. 1124, 54°58.9'S 69°02.1'W, 202 m (gear: small dredge); Canal Beagle, Yendegaia, sta. 1140, 54°54.9'S 68°39.1'W, 310 m (gear: small dredge); Bahia Oglander, sta. 1152, 55°09.1'S 67°01.7'W, 15 m (gear: small dredge); Rada Picton, sta. 1156, 55°05.3'S 66°45.4'W, 27 m (gear: small dredge); Isla Picton, sta. 1192, 55°06.7'S 67°01.6'W, 40 m (gear: small dredge); Isla Wollaston, sta. 1204, 55°38.4'S 67°12.4'W, 40 m (gear: small dredge); SE Isla Picton, sta. 1221, 55°07.6'S 66°44.6'W, 33 m (gear: small dredge); Canal Brecknock (W), sta. 1291, 54°31.4'S 72°05.9'W, 484 m (gear: small dredge); "Vidal Gomaz" *CIMAR FIORD 3*, Estrecho de Magallanes, Paso Ancho, sta. 5, 53°3.6'S 70°32.8'W, 88 m; sta. 6, 53°16.5'S 70°41.2'W, 177 m; Estrecho de Magallanes, Bahia Snug, sta. 8, 53°51.8'S 71°32'W, 260 m; G. Xaultegua, sta. 16, 53°8.65'S 73°4.7'W, 411 m; Canal Beagle, Puerto Williams, sta. 41, 54°53.8'S 67°34.5'W, 35 m; Isla Lennox, Paso

Richmond, sta. 42, 55°11.5'S 66°46.3'W, 52 m; Bahía Parry, sta. 51, 54°34.9'S 69°19.6'W, 177 m; Seno Almirantazgo, sta. 52, 54°24.5'S 69°11.3'W, 110 m (MR, unpubl. rec.).

South Shetland Islands: *Polarstern ANT XV/3 (EASIZ II)*, King George Island, sta. 325, 62°21.9'S 58°42.6'W, 805 m (gear: multibox corer); sta. 326, 62°20.1'S 58°38.8'W, 606 m (gear: multibox corer) (MR, unpubl. rec.).

Depth range: 10-805 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, off Baie de Recques [Cumberland Bay], 48°48'S 69°02'E, 219 m (TRS 88).

Extralimital distribution: Pacific Ocean. *Vema 15*, sta. V 15-37, Panama Basin, Gulf of Panama, 37.7°25'N 79°23'W, 1749 m (gear: Menzies trawl) (JLB 64); *Velero IV*, California, Cedros Trench, sta. 7229, 27°54'25"N 115°40'W, 1720-1748 m; sta. 7231, 27°24'00"N 115°12'15'W, 2398-2475 m; sta. 7358, 27°35'45"N 115°08'30"W, 1095-1205 m; sta. 7364, 30°14'44"N 116°46'45"W, 2673-2770 m (gear: Menzies trawl) (JLB 67).

Extralimital depth range: 1095-2770 m.

Type material location: NHM, London.

Remarks: *Cephalophoxoides kergueleni* was described and illustrated in detail by Stebbing (1888) from the Kerguelen Islands. Bellan-Santini & Ledoyer (1974) also found this species in the Kerguelen Islands, and noted a small difference in the inner ramus length of uropod 3. *C. kergueleni* was newly recorded in the Magellan area and in the South Shetland Islands (Rauschert, unpubl. rec.). Outside the Southern Ocean, J.L. Barnard (1964, 1967) reported this taxon in the bathyal-abyssal zone of the Pacific Ocean. The identity of the deep Pacific and Southern Ocean shelf material should be carefully checked.

Cephalophoxoides sp. Chiesa *et al.*, 2005

Chiesa *et al.*, 2005: 170.

Distribution:

M

Magellan area: southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Bahía Buen Suceso, 54°47'S 65°14'W, 12 m (gear: dredge) (ILC *et al.* 05).

Depth range: 12 m.

Fuegiphoxus abjectus Barnard & Barnard, 1980

Schellenberg, 1931a: 78. (*Parharpinia fuegiensis*, in part).

Barnard J.L., 1960: 273. (*Paraphoxus fuegiensis*, in part).

Barnard & Barnard, 1980: 862-867, figs. 5-6.

Barnard & Barnard, 1990: 50.

Barnard & Karaman, 1991: 610.

Gonzalez, 1991a: 61.

De Broyer & Jazdzewski, 1993: 83.

De Broyer & Rauschert, 1999: 286.

Alonso de Pina *et al.*, (in press).

Distribution:

M

Magellan area: *Schwed. Exp. Magellan. 1895-97*, Bahía Inutil, 53°30'S 69°45'W, 36-55 m (bottom/habitat: shell debris) (AS 31a) (revised by JLB 60, B&B 80).

Depth range: 36-55 m.

Type-locality: Magellan area: *Schwed. Exp. Magellan. 1895-97*, Bahía Inutil, 53°30'S 69°45'W, 36-55 m (bottom/habitat: shell debris) (AS 31a).

Type material location: NRS, Stockholm.

Remarks: See remarks under *Fuegiphoxus fuegiensis*.

Fuegiphoxus fuegiensis (Schellenberg, 1931a)

Schellenberg, 1931a: 78, fig. 40. (*Parharpinia fuegiensis*).

Stephensen, 1949: 5. (*Parharpinia fuegiensis*).

Barnard J.L., 1958a: 146. (by implication). (*Paraphoxus fuegiensis*).

Barnard J.L., 1958e: 118. (*Paraphoxus fuegiensis*).

Barnard J.L., 1960a: 271, pl. 42. (*Paraphoxus fuegiensis*).

Sanderson, 1973: 43. (*Parharpinia fuegiensis*).

Thurston, 1974a: app. C. (*Parharpinia fuegiensis*).

Lowry & Bullock, 1976: 126. (*Paraphoxus fuegiensis* [sic]).

Barnard & Drummond, 1978: 144. (?*Wildus fuegiensis*).

Barnard & Barnard, 1980: 853-858, figs. 1-3.

Barnard & Barnard, 1990: 50.

Barnard & Karaman, 1991: 610.

Gonzalez, 1991: 61.

De Broyer & Jazdzewski, 1993: 83.

De Broyer & Rauschert, 1999: 286, table 1.

Alonso de Pina, 2003: 1052-1054, figs. 13, 14.

Chiesa *et al.*, 2005: 170.

Alonso de Pina *et al.*, (in press).

Distribution:

W+G+M+T(+Ba)

Drake Passage: *Polarstern ANT XV/3 (EASIZ II)*, Drake Passage, sta. 336, 61°26.5'S 58°07.4'W, 1031 m (gear: Agassiz trawl) (MR, unpubl. rec.).

Magellan area: Puerto Hope, 11-18 m (bottom/habitat: rocks, algae); Punta Arenas, low tide (bottom/habitat: sand, stones); Punta Arenas, beach (bottom/habitat: kelp holdfast); Ushuaia, beach; Bahía Inutil, 36-54 m (bottom/habitat: shells); Estrecho de Magallanes; Puerto Madryn, 4-9 m (bottom/habitat: sand, clay) (AS 31a); *Schwed. Exp. Magellan. 1895-97*, Ultima Esperanza, 2 km west from 51°40'S 72°40'W, 13-18 m (bottom/habitat: clay, algae, stones); Puerto Esperanza, 54°08'S 71°01'W, 11-18 m (bottom/habitat: rocks, algae) (revised by JLB 60, B&B 80); Puerto Condor, 54°00'S 70°08'W, 90 m (bottom/habitat: rocks, ascidians, sponges) (revised by JLB 60, B&B 80); Punta Arenas, 54°55'S 67°25'W, low tide (bottom/habitat: sand, stones), (revised by JLB 60, B&B 80); Puerto Madryn, 42°46'S 65°02'W, 4-9 m (bottom/habitat: sand, clay) (revised by JLB 60, B&B 80); Isla Navarino, 54°55'S 67°25'W, 18 m (bottom/habitat: algae); *Hamb. Magalh. Sammel. 1892-93*, Estrecho de Magallanes, [54°00'S 71°00'W], surface; Punta Arenas, 54°55'S 67°25'W, beach (bottom/habitat: kelp holdfast); Ushuaia beach, [54°48'S 68°18'W], low intertidal (AS 31A); Chubut Province: Golfo Nuevo, Golfito Beach, 42°46'S 65°02'W, 8-

10 m; Golfo San José, 42°20'S 64°20'W, 7-80 m; *San José I 1984*, Golfo San José, 42°20'S 64°20'W, 7 m, 10 m, 80 m (GMA 03); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Península Ushuaia, 54°51'S 68°19'W, 5-10 m (gear: Van Veen grab); Isla Lucas, 54°50'S 68°19'W, 17 m (gear: Snapper grab) (ILC *et al.* 05); *Victor Hensen Magellan 1994*, Estrecho Laredo, sta. 805, 52°57.9'S 70°47.2'W, 14 m (gear: Agassiz trawl); sta. 813, 52°57.5'S 70°41'W, 90 m (gear: small dredge); sta. 958, 52°58'S 70°41.1'W, 111 m (gear: small dredge); sta. 963, 52°57.9'S 70°43.5'W, 38 m (gear: small dredge); Estrecho Bahía Voces, sta. 875, 53°42.1'S 70°56.5'W, 240 m (gear: Agassiz trawl); sta. 887, 53°42.2'S 70°57.2'W, 100 m (gear: small dredge); Estrecho Gente Grande, Laredo Bay, sta. 924, 52°56.8'S 70°18.6'W, 17 m (gear: small dredge); Canal Beagle, Italia, sta. 1119, 54°56'S 69°04.3'W, 208 m (gear: small dredge); Bahía Oglander, sta. 1152, 55°09.1'S 67°01.7'W, 15 m (small dredge); Rada Picton, sta. 1156, 55°05.3'S 66°45.4'W, 27 m (gear: small dredge); Isla Picton, sta. 1192, 55°06.7'S 67°01.6'W, 40 m (gear: small dredge); Isla Wollaston, sta. 1204, 55°38.4'S 67°12.4'W, 40 m (gear: small dredge); SE Isla Picton, sta. 1221, 55°07.6'S 66°44.6'W, 33 m (gear: small dredge); sta. 1223, 55°07.4'S 66°44.6'W, 35 m (gear: Agassiz trawl) (MR, unpubl. rec.); *Vidal Gormaz CIMAR FIORD 3*, Estrecho de Magallanes, Posesión, sta. 2, 52°19.4'S 69°12.2'W, 40 m; Estrecho de Magallanes (Primera Angostura), sta. 3, 52°38.6'S 69°46.48'W, 24 m; Estrecho de Magallanes, Paso Ancho, sta. 5, 53°3.6'S 70°32.8'W, 88 m; Estrecho de Magallanes, Bahía Snug, sta. 8, 53°51.8'S 71°32'W, 260 m; Canal Ballenero, sta. 36, 54°55.7'S 70°42.3'W, 120 m; Canal Beagle, Puerto Williams, sta. 41, 54°53.8'S 67°34.5'W, 35 m; Isla Lennox, Paso Richmond, sta. 42, 55°11.5'S 66°46.3'W, 52 m (MR, unpubl. rec.);

South Georgia: Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones); Cumberland Bay, 75 m (bottom/habitat: clay, algae); off Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a); *Swed. South Pol. Exp. 1901-03*, Boiler Bay, 54°22'S 36°28'W, 22 m (bottom/habitat: stones and algae) (AS 31a) (revised by JLB 60, B&B 80).

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha 1937-38*, sta. 68, Tristan da Cunha Island, 0 m (KS 49a; B&B 80).

Depth range: 0-1031 m.

Type-locality: Magellan area: Puerto Hope, 11-18 m (bottom/habitat: rocks, algae) (AS 31a; B&B 80).

Extralimital distribution: Northern Argentina.

Extralimital depth range:

Type material location: NRS, Stockholm.

Remarks: This species, as defined by Schellenberg (1931a), was mixed with two other undescribed species. Barnard & Barnard (1980) redescribed *F. fuegiensis* and erected *F. abjectus* and *F. inutilis*. *F. fuegiensis* extends its distribution range in the Magellan area along the Argentinean littoral (ILC *et al.* 05) as well as in the Chilean side (MR, unpubl. rec.); it is also recorded for the first time from the Drake Passage (MR, unpubl. rec.).

***Fuegiphoxus inutilis* Barnard & Barnard, 1980**

Schellenberg, 1931: 78. (*Parharpinia fuegiensis*, in part).

Barnard J.L., 1960: 273, pl. 42, figs. S-T. (*Paraphoxus fuegiensis*, in part).

Barnard & Drummond, 1978: 144. (*Wildus ?fuegiensis*, in part)

Barnard & Barnard, 1980: 858-862, figs. 3-4.

Barnard & Barnard, 1990: 50.

Barnard & Karaman, 1991: 610.

De Broyer & Jazdzewski, 1993: 83.

Alonso de Pina *et al.*, (in press).

Distribution:

South Georgia: *Swed. South Pol. Exp. 1901-03*, Cumberland Bay, outer half of Maiviken, 54°17'S 36°28'W, 75 m (bottom/habitat: clay, algae); mouth of Cumberland Bay, 54°11'S 36°18'W, 252-310 m (bottom/habitat: gray clay with small stones); Grytviken, [54°17'S 36°30'W], 22 m (AS 31a) (revised by JLB 60, B&B 80).

Depth range: 22-310 m.

Type-locality: South Georgia: *Swed. South Pol. Exp. 1901-03*, mouth of Cumberland Bay, 54°11'S 36°18'W, 252-310 m (bottom/habitat: gray clay with small stones) (AS 31a) (revised by JLB 60, B&B 80).

Type material location: NRS, Stockholm.

Remarks: See remarks under *Fuegiphoxus fuegiensis*.

***Fuegiphoxus uncinatus* (Chevreux, 1912a)**

Chevreux, 1912a: 211. (*Pontharpinia uncinata*).

Chevreux, 1913c: 100, figs. 10-12. (*Pontharpinia uncinata*).

Barnard J.L., 1958a: 146, (by implication). (*Paraphoxus uncinatus*).

Barnard J.L., 1958e: 118. (*Paraphoxus uncinata*).

Barnard J.L., 1960a: 283. (*Paraphoxus uncinatus*).

Thurston, 1974a: app. C. (*Pontharpinia uncinata*).

Lowry & Bullock, 1976: 128. (*Paraphoxus uncinatus*).

Barnard & Drummond, 1978: 32, 146. (*Pontharpinia uncinata*).

Barnard & Barnard, 1980: 867. (*?Fuegiphoxus uncinata*).

Barnard & Barnard, 1990: 50. (*?Fuegiphoxus uncinata*).

Wakabara *et al.*, 1990: 2, 4, 6.

Barnard & Karaman, 1991: 610. (*Fuegiphoxus ?uncinata*, sic).

De Broyer & Jazdzewski, 1993: 83. (*?Fuegiphoxus uncinatus*).

Alonso de Pina *et al.*, (in press).

Distribution:

Drake Passage: *Polarstern ANT XV/3 (EASIZ II)*, sta. 356, 62°00.3'S 59°14.9'W, 130 m (gear: multibox corer) (MR, unpubl. rec.).

Magellan area: *Victor Hensen Magellan 1994*, Estrecho de Magallanes, Bahía Voces, sta. 884, 53°42.6'S 70°57.5'W, 51 m (gear: small dredge); Canal Beagle, Garibaldi, sta. 1040, 54°51'S 69°55.7'W, 30 m (gear: small dredge); Paso Goree, sta. 1165, 55°18.6'S 67°08.5'W, 42 m (gear: multibox corer);

Canal Brecknock (E), Isla Sidney, sta. 1287, 54°45.5'S 71°44.4'W, 33 m (gear: small dredge) (MR, unpubl. rec.); Vidal Gormaz CIMAR FIORD 3, Estrecho de Magallanes, Paso Ancho, sta. 5, 53°3.6'S 70°32.8'W, 88 m; Canal Beagle, Puerto Williams, sta. 41, 54°53.8'S 67°34.5'W, 35 m (MR, unpubl. rec.).

Palmer Archipelago: *Deux. Exp. Ant. Franç. 1908-10*, Neumayer Channel [Canal de Roosen], Port Lockroy, [64°49'S 63°30'W], 60-70 m (gear: dredge) (EC 13c).

South Shetland Islands: 62°58'07"S 57°08'01"W, 88 m (bottom/habitat: in fish stomach content) (YW *et al.* 90).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, Kapp Norvegia, sta. 25 MG 31, 71°23.10'S 14°19.70'W, 628 m (gear: multibox corer) (MR, unpubl. rec.).

Depth range: 30-628 m.

Type-locality: Palmer Archipelago: *Deux. Exp. Ant. Franç. 1908-10*, Neumayer Channel [Canal de Roosen], Port Lockroy, [64°49'S 63°30'W], 60-70 m (gear: dredge) (EC 13).

Type material location: MNHN, Paris.

Remarks: Relying on the original description and illustrations of Chevreux (1913c), the species was provisionally assigned to the genus *Fuegiphoxus* erected by Barnard & Barnard (1980). Many features such as fine details of the mouthparts, setal formulas of antenna 2 and setal formulas of epimera and uropods require a more accurate study for confirmation. *?Fuegiphoxus uncinatus* is newly recorded in the Magellan area and also extends its distribution in the West and East Antarctic since it was recorded in the Drake Passage and the Weddell Sea (Rauschert, unpubl. rec.).

***Leptophoxoides molaris* J.L. Barnard, 1962d**

Barnard J.L., 1962d: 51, fig. 40.

Barnard & Drummond, 1978: 447.

Barnard & Barnard, 1990: 75.

Barnard & Karaman, 1991: 618.

Gutt *et al.*, 2000: 80-83.

Alonso de Pina *et al.*, (in press).

Distribution:

E+(Ba-Ab)

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 30 AGT 12, Kapp Norvegia, 70°05.30'S 08°20.00'W, 2315 m (gear: Agassiz trawl); sta. 30 DR 24, Kapp Norvegia, 70°05.30'S 08°20.00'W, 2315 m (gear: small dredge) (JG *et al.* 00).

Depth range: 2315 m.

Type-locality: *Vema 14*, off South Africa, Cape Basin, sta. 52, 41°03'S 7°49'E, 4961 m (gear: small benthic trawl) (JLB 62d).

Extralimital distribution: *Vema 14*, off South Africa, Cape Basin, sta. 52, 41°03'S 7°49'E, 4961 m (gear: small benthic trawl) (JLB 62d).

Extralimital depth range: 4961 m.

Type material location: LGOC, New York.

Remarks: This is the unique species of the genus *Leptophoxoides* J.L. Barnard, 1962, described from the Cape Basin. Recently, Rauschert (in Gutt *et al.*, 2000) found this abyssal taxon in the eastern Weddell Sea.

***Linca pinita* Alonso de Pina, 1993b**

Alonso De Pina, 1993: 497-507, figs. 1-32.

Taylor & Poore, 2001: 255, 256.

Alonso de Pina *et al.*, (in press).

Distribution:

M

Magellan area: *Shinkai Maru IV*, sta. 92, 50°30'S 62°31'W, 159 m (bottom/habitat: sand; gear: Picard dredge) (GMA 93).

Depth range: 159 m.

Type-locality: Magellan area: *Shinkai Maru IV*, sta. 92, 50°30'S 62°31'W, 159 m (bottom/habitat: sand; gear: Picard dredge) (GMA 93).

Type material location: MACN, Buenos Aires.

***Metharpinia iado* Alonso de Pina, 2003**

Alonso de Pina, 2003: 1031-1045, figs. 1-9, 16, tables 1, 2.

Alonso de Pina *et al.*, (in press).

Distribution:

M+

Magellan area: *San José I 1984*, Argentina, Golfo San José, 42°20'S 64°20'W, 22 m (bottom/habitat: sand; gear: Van Veen grab) (GMA 03).

Depth range: 22 m.

Type-locality: *Campaña AUO2/93*, Argentina, Buenos Aires, El Rincón, sta. 27, 39°49'49"S 61°50'30"W, 17 m (bottom/habitat: 82% fine sand; gear: Van Veen grab) (GMA 03).

Extralimital distribution: *Campaña AUO2/93*, Argentina, Buenos Aires, El Rincón area, approx. 39°-40°S 61°-62°W, 9-20 m (bottom/habitat: predominantly sand; gear: Van Veen grab) (GMA 03).

Extralimital depth range: 9-20 m.

Type material location: MACN, Buenos Aires.

***Metharpinia longirostris* Schellenberg, 1931a**

Schellenberg, 1931a: 65-67, fig. 34.

Schellenberg, 1935: 232.

Barnard J.L., 1960: 186, 187, 194, 271, 273, 290, pl. 43. (*Paraphoxus longirostris*).

Andres, 1975: 93, 96, 97, 108, 110, 111, 112, 113. (*Paraphoxus longirostris*).

Barnard & Drummond, 1976: 528.

Barnard & Drummond, 1978: 32, 145, 416.

Barnard J.L., 1979: 369.

Barnard J.L., 1980: 117-121, figs. 4 (in part), 5 (in part).

Barnard & Barnard, 1990: 86.

Barnard & Karaman, 1991: 622.

Gonzalez, 1991: 61.

De Broyer & Jażdżewski, 1993: 84.

Jarret & Bousfield, 1994a: 61, 64, table 3.

De Broyer & Jażdżewski, 1993: 84.

De Broyer & Rauschert, 1999: 286.

Alonso de Pina, 2001: 535, 536.

Alonso de Pina, 2003: 1029, 1043-1044, table 2.
Alonso de Pina et al., (in press).

Distribution: M+

Magellan area: Estrecho de Magallanes, [54°S 71°W] (HGA 75); *Victor Hensen Magellan 1994*, Isla Wollaston, sta. 1204, 55°38.4'S 67°12.4'W, 40 m (gear: small dredge) (MR, unpubl. rec.).

Depth range: 40 m.

Type-locality: *Schwed. Exp. Magellan. 1895-97*, south of mouth of La Plata River, [35°S 57°W]; Valparaiso, [33°01'S 71°37'W], 13 m (revised by JLB 60, JLB 80); *Hamb. Magalh. Samm. 1892-93*, Corral, [30°50'S 73°28'W], 9-11 m (AS 31a).

Extralimital distribution: *Schwed. Exp. Magellan. 1895-97*, Argentina: south of mouth of La Plata River, [35°S 57°W]; Chile: Valparaiso, [33°01'S 71°37'W], 13 m (revised by JLB 60, JLB 80); *Hamb. Magalh. Samm. 1892-93*, Corral, [39°50'S 73°28'W], 9-11 m (AS 31a); Punta Lavapie, [37°09'S 73°35'W], 58 m (bottom/habitat: fine sand, stones, algae; gear: dredge); Isla Mocha, [38°22'S 73°56'W], 6 m (bottom/habitat: black fine sand, detritus; gear: dredge); Niebla, [39°51'S 73°24'W], rockpool (bottom/habitat: sand, brown and calcareous algae) (HGA 75).

Extralimital depth range: 6-58 m.

Type material location: NRS, Stockholm.

Remarks: *M. longirostris* expands its geographical distribution southwards in the Magellan area (Rauschert, unpubl. rec.).

***Metharpinia protuberantis* Alonso de Pina, 2001**

Alonso de Pina, 2001: 527-537, figs. 7-11.

Alonso de Pina et al., (in press).

Distribution: M

Magellan area: Argentina, Golfo Nuevo, Península Valdés, Punta Pardelas, 42°37'S 64°16'W, 2-5 m, 2-4 m (gear: small dredge during low tide); Colombo beach (near Punta Pardelas), 42°37'S 64°16'W, 2 m (gear: small dredge during mid-tide); Bahía Nueva, Golfito, 42°46'S 65°02'W, 8-10 m (gear: samples extracted with a cylinder of 20 cm diameter during low tide); *San José I 1984*, Golfo San José, 42°20'S 64°20'W, 4 m (gear: Van Veen grab) (GMA 01).

Depth range: 2-10 m.

Type-locality: Magellan area: Argentina, Golfo Nuevo, Península Valdés, Punta Pardelas, 42°37'S 64°16'W, 2-5 m (gear: small dredge during low tide) (GMA 01).

Type material location: MACN, Buenos Aires.

***Microphoxus cornutus* (Schellenberg, 1931a)**

Schellenberg, 1931a: 68-69, fig. 35. (*Metharpinia cornuta*).

Barnard J.L., 1958a: 146 (by implication). (*Paraphoxus cornutus*).

Barnard J.L., 1958b: 117. (*Paraphoxus cornuta*).

Barnard J.L., 1960: 186, 194, 224, 271, 290. (*Paraphoxus cornutus*).

Barnard & Drummond, 1976: 528. (*Metharpinia cornuta*).

Lowry & Bullock, 1976: 126. (*Paraphoxus cornutus*).

Barnard & Drummond, 1978: 24, 32, 145, 416. (*Metharpinia? cornuta*).

Barnard J.L., 1979: 370.

Barnard J.L., 1980: 106, 110-115, figs. 2-3 (in part), fig. 4 (in part).

Barnard & Barnard, 1990: 88.

Barnard & Karaman, 1991: 623.

Gonzalez, 1991: 61.

Wakabara et al., 1991: 73, 74.

De Broyer & Jazdzewski, 1993: 84.

Jarret & Bousfield, 1994a: 64, table 3.

Wakabara & Serejo: 1998: 578.

De Broyer & Rauschert, 1999: 286.

Valerio-Berardo et al., 2000: 122. (eco).

Alonso de Pina, 2001: 535.

Bustamente, 2002: 62, 70, 76, 77.

Alonso de Pina, 2003: 1029, 1030, 1045-1051, 1055, 1057, figs. 10-12, 16, tables 3, 4.

Chiesa et al., 2005: 170.

Alonso de Pina et al., (in press).

Distribution: M+

Magellan area: *Schwed. Exp. Magellan. 1895-97*, Punta Arenas, 53°10'S 70°54'W, 13-14 m (bottom/habitat: sand, algae) (revised by JLB 60, 80); *Hamb. Magalh. Samm. 1892-93*, Punta Arenas, 53°10'S 70°54'W, 4 m; Bahía Ushuaia, [54°49'S 68°16'W], low tide (AS 31a); east end of Magellan Strait, [52°20'S 68°20'W], 11 m (bottom/habitat: fine sand) (JLB 80); Puerto Montt, 41°30'S 73°10'W (EG 91); Argentina, Golfo Nuevo, Bahía Nueva, Golfito beach, 42°46'S 65°02'W, 8-10 m (gear: samples extracted with a corer of 20 cm diameter during low tide); Península Valdés, Colombo beach (near Punta Pardelas), 42°37'S 64°16'W, 2 m, 0.4 m (gear: small dredge during mid-tide); Punta Pardelas, 42°37'S 64°16'W, 2-4 m (small dredge during low tide); Puerto Madryn beach, 42°46'S 65°02'W, intertidal (gear: corer); El Doradillo beach (about 11 Km north Puerto Madryn), 42°46'S 65°02'W (stomach content of coastal fish); Golfo San José, Fracasso beach, 42°25'S 64°10'W, intertidal (gear: corer); *San José I 1984*, Golfo San José, 42°20'S 64°20'W, 4 m, 19 m (gear: Van Veen grab) (GMA 03); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Península Ushuaia, 54°51'S 68°19'W, 5-10 m (gear: Van Veen grab) (ILC et al. 05); *Vidal Gormaz CIMAR FIORD 3*, Estrecho de Magallanes, Paso Ancho, sta. 5, 53°3.6'S 70°32.8'W, 82 m; Isla Lennox, Paso Richmond, sta. 42, 55°11.5'S 66°46.3'W, 52 m; Chile, Bahía San Juan, 0.2 m (MR, unpubl. rec.).

Depth range: 0-82 m.

Type-locality: Magellan area: *Schwed. Exp. Magellan. 1895-97*, Punta Arenas, 53°10'S 70°54'W, 13-14 m (bottom/habitat: sand, algae) (revised by JLB 60, 80); *Hamb. Magalh. Samm. 1892-93*, Punta Arenas, 53°10'S 70°54'W, 4 m; Bahía Ushuaia, [54°49'S 68°16'W], low tide (AS 31a).

Extralimital distribution: *Campaña AUO2/93*, Argentina, Buenos Aires, El Rincón, approx. 30°10'-31°S 61°25'-59°W, 8-17 m (bottom/habitat: sand, clay, mud; gear: Van Veen grab); Mar del Plata beach, 30°03'17''S 57°31'18''W, 13 m (bottom/habitat: sand, crushed shells) (GMA 03); Brazil, São Paulo, 23°25'-24°22'S 44°33'-45°16'W, 18-25 m (bottom/habitat: muddy sand) (YW *et al.* 91), 101 m (VB *et al.* 00).

Extralimital depth range: 8-101 m.

Type material location: NRS, Stockholm.

Remarks: Chiesa *et al.* (2005) recorded *Microphoxus cornutus* in Tierra del Fuego and Rauschert (unpubl. rec.) in southern Chile.

***Palabriaphoxus latifrons* (Ren, 1991)**

Ren, 1991 in Ren & Huang, 1991: 189, 267-269, 297, 311-312, figs. 51-52. (*Harpinia latifrons*).

De Broyer & Jazdzewski, 1993: 16, 84.

Alonso de Pina *et al.*, (in press).

Distribution: **W(+Ba)**

Palmer Archipelago: 63°30'S 62°31'W, 180 m (bottom/habitat: sand) (R&H 91).

South Shetland Islands: King George Island, 54°15'S 36°45'W, 1098 m (bottom/habitat: mud, rock) (R&H 91).

Depth range: 180-1098 m.

Type-locality: Palmer Archipelago: 63°30'S 62°31'W, 180 m (bottom/habitat: sand) (R&H 91).

Type material location: IOQ, Qingdao.

***Parafoxiphalus longicarpus* Alonso de Pina, 2001.**

Alonso de Pina, 2001: 517-527, figs. 1-6.

Chiesa *et al.*, 2005: 170.

Alonso de Pina *et al.*, (in press).

Distribution: **M**

Magellan area: Argentina, Golfo Nuevo, Península Valdés, Punta Pardelas, 42°37'S 64°16'W, 2-5 m (gear: small dredge during low tide); Bahía Nueva, Golfito, 42°46'S 65°02'W, 8-10 m (gear: samples extracted with a cylinder of 20 cm diameter during low tide) (GMA 01); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Bahía Aguirre, 54°54'S 65°57'W, 30-35 m (gear: dredge); Península Ushuaia, 54°51'S 68°19'W, 5-10 m (gear: Van Veen grab) (ILC *et al.* 05).

Depth range: 2-35 m.

Type-locality: Magellan area: Argentina, Golfo Nuevo, Península Valdés, Punta Pardelas, 42°37'S 64°16'W, 2-5 m (gear: small dredge during low tide) (GMA 01).

Type material location: MACN, Buenos Aires.

Remarks: *Parafoxiphalus* is monotypic, showing many similarities with *Foxiphalus* Barnard, 1979. *P. longicarpus* extends its distribution in the Magellan area from Chubut province (GMA 01) to southern Tierra del Fuego in Argentina (Chiesa *et al.* 05).

?*Paraphoxus latipes* Ren, 1991

Ren, 1991 in Ren & Huang, 1991: 190, 277-278, 297, 316-317, fig. 56. (*Paraphoxus latipes*).

De Broyer & Jazdzewski, 1993: 84.

Alonso de Pina *et al.*, (in press).

Distribution: **E+W(+Ba)**

Bransfield Strait: 62°51.6'S 58°07.5'W, 654 m (bottom/habitat: sand, mud); 62°33.1'S 56°28.6'W, 270 m (bottom/habitat: mud, sand) (R&H 91).

Drake Passage: *Polarstern ANT XV/3 (EASIZ II)*, Drake Passage, sta. 356, 62°00.3'S 59°14.9'W, 130 m (gear: multibox corer) (MR, unpubl. rec.)

Weddell Sea: *Polarstern ANT IX/3*, sta. 171, 69°58.9'S 5°56.9'E, 459 m (gear: multibox corer) (MR, unpubl. rec.).

Depth range: 130-654 m.

Type-locality: Bransfield Strait: 62°51.6'S 58°07.5'W, 654 m (bottom/habitat: sand, mud) (R & H 91).

Type material location: IOQ, Qingdao.

Remarks: This species, as well as *?Paraphoxus pyripes*, need a more detailed study to confirm its assignment to *Paraphoxus* G.O. Sars, 1891. Both species resemble each other on many morphological features, but they can be separated because of the structure of the antennae and the mandibular palp. Rauschert (unpubl. rec.) recorded *?Paraphoxus latipes* for the first time from the Drake Passage and the Weddell Sea.

?*Paraphoxus pyripes* K.H. Barnard, 1930

Barnard K.H., 1930: 332-333, fig. 10. (*Paraphoxus pyripes*).

Stephensen, 1947: 42-44, figs. 15-16. (*Pontharpinia maxima*).

Barnard J.L., 1958a: 146 (by implication). (*Paraphoxus maxima*).

Barnard J.L., 1958a: 146 (by implication). (*Paraphoxus pyripes*).

Barnard J.L., 1958b: 118. (*Paraphoxus maxima*).

Barnard J.L., 1958b: 118. (*Paraphoxus pyripes*).

Barnard J.L., 1960: 186, 195, 277, 290, 291. (*Paraphoxus pyripes*).

Barnard J.L., 1961: 28, 72. (*Paraphoxus pyripes*).

Barnard & Drummond, 1976: 528.

Lowry & Bullock, 1976: 127. (*Paraphoxus pyripes*).

Barnard & Drummond, 1978: 33, 145, 146. (To a genus to be described).

Barnard & Barnard, 1990: 103.

Barnard & Karaman, 1991: 636.

Ren & Huang, 1991: 278, 317. (*Paraphoxus pyripes*).

De Broyer & Jazdzewski, 1993: 84.

Distribution: **E+W+S(+Ba)**

Campbell Island: *Terra Nova 1910*, sta. 210, 53°35'S 173°06'E, surface (KHB 30).

Ross Sea: *Terra Nova 1910*, sta. 339, McMurdo Sound, 77°30'S 165°00'E, 256 m (KHB 30; revised by JLB 60); sta. 340, 293 m (KHB 30).

South Shetland Islands: Bridgeman Island, [62°04'S

56°44'W], 750 m (bottom/habitat: blue clay, stones, gravel) (KS 47).

Weddell Sea: *Polarstern* ANT IX/3, sta. 165, N of Atka Bay, 70°17.7'S 3°11.5'W, 149 m; sta. 220, 70°24.1'S 6°01.2'W, 132 m; sta. 127, 76°36.1'S 31°19.4'W, 394 m (gear: multibox corer) (MR, unpubl. rec.).

Depth range: 0-750 m.

Type-locality: Ross Sea: *Terra Nova 1910*, sta. 339, McMurdo Sound, 77°30'S 165°00'E, 256 m (KHB 30).

Extralimital distribution: *Galathea*, sta. 626, Tasman Sea, 42°10'S 170°10'E, 610 m (bottom/habitat: *Globigerina* ooze; gear: Petersen grab) (JLB 61).

Extralimital depth range: 610 m.

Type material location: NHM, London.

Remarks: See remarks under *Paraphoxus? latipes*. Rauschert (unpubl. rec.) identified *P.? pyripes* for the first time from the Weddell Sea.

?*Parharpinia obliqua* K.H. Barnard, 1932

Barnard K.H., 1932: 10, 13, 101-102, fig. 51. (*Parharpinia obliqua*).

Barnard J.L., 1958a: 146 (by implication). (*Paraphoxus obliquus*).

Barnard J.L., 1958b: 118. (*Paraphoxus obliqua*).

Barnard J.L., 1960: 186, 195, 274. (*Paraphoxus obliquus*).

Thurston, 1974a: app. C. (*Parharpinia obliqua*).

Barnard & Drummond, 1976: 528. (gen. rem. "to a genus to be described").

Lowry & Bullock, 1976: 127. (*Paraphoxus obliquus*).

Barnard & Drummond, 1978: 32, 145.

Barnard & Barnard, 1990: 106.

Barnard & Karaman, 1991: 636.

Klages, 1991: 51.

De Broyer & Jazdzewski, 1993: 84.

Alonso de Pina et al., (in press).

Distribution:

E+W+G

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

South Georgia: *Discovery 1925-27*, sta. 136, 54°22'S 35°21'W, 0-5 m (gear: tow-net) (KHB 32).

Weddell Sea: eastern shelf (MK 91); *Polarstern* ANT XV/3 (*EASIZ II*), sta. 47, north of Kapp Norvegia, 70°52.1'S 10°29.4'W, 244 m (gear: multibox corer) (MR, unpubl. rec.).

Depth range: 0-244 m.

Type-locality: Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge); South Georgia: *Discovery 1925-27*, sta. 136, 54°22'S 35°21'W, 0-5 m (gear: tow-net) (KHB 32).

Type material location: NHM, London.

Remarks: The genus *Parharpinia* Stebbing, 1899 was questioned by Barnard & Drummond (1976, 1978), Barnard & Barnard (1990) and Barnard & Karaman (1991). Barnard & Drummond (1976) redefined the genus establishing that the allocation of the species in it was unclear. Since then, there

were not any more studies to clarify the taxonomic position of the species. Rauschert (unpubl. rec.) reports *?P. obliqua* for the first time from the Weddell Sea.

?*Parharpinia rotundifrons* K.H. Barnard, 1932

Barnard K.H., 1932: 7, 11, 16, 104, fig. 53. (*Parharpinia rotundifrons*).

Stephensen, 1947a: 44-45, fig. 17. (*Pontharpinia? rotundifrons*).

Barnard J.L., 1958a: 146. (by implication). (*Paraphoxus rotundifrons*).

Barnard J.L., 1958b: 118. (*Paraphoxus rotundifrons*).

Barnard J.L., 1960: 186, 195, 271, 278, 290. (*Paraphoxus rotundifrons*).

Thurston, 1974a: 2, 9, 21, 108, 111, 114, 117, 133, fig. 8a, b, appendices A, B, C. (*Parharpinia rotundifrons*).

Barnard & Drummond, 1976: 529. ("unclear species of *Paraphoxus*").

Lowry & Bullock, 1976: 127. (*Paraphoxus rotundifrons*).

Barnard & Drummond, 1978: 32, 146.

Arnaud et al., 1986: 17, table 1. (*Paraphoxus rotundifrons*).

Barnard & Barnard, 1990: 106.

Rauschert, 1991: 21, 38, 40. (*Paraphoxus rotundifrons*).

Barnard & Karaman, 1991: 636.

Jazdzewski et al., 1991: 110. (*Paraphoxus rotundifrons*).

Jazdzewski et al., 1992: 465, 470. ("*Parharpinia? rotundifrons*").

De Broyer & Jazdzewski, 1993: 84.

Jazdzewski et al., 1996: 372. (*Parharpinia rotundifrons*).

Alonso de Pina et al., (in press).

Distribution:

W+G

South Georgia: *Discovery 1925-27*, Cumberland East Bay, sta. 39, [54°17'S 36°26'W], 179-235 m (bottom/habitat: grey mud; gear: large otter trawl); sta. 141, 17-27 m (bottom/habitat: mud; gear: small beam trawl); Undine Harbour, sta. WS 25, [54°02'S 37°58'W], 18-27 m (bottom/habitat: mud, sand; gear: small beam trawl) (KHB 32).

South Orkney Islands: Signy Island, Borge Bay, [60°43'S 45°37'W], littoral-20 m (bottom/habitat: sand, gravel, rocks; gear: spot dives, anchor dredge, Agassiz trawl); Paal Harbour, [60°43'S 45°36'W], 20-25 m (bottom/habitat: muddy sand; gear: anchor dredge) (MHT 74a).

South Sandwich Islands: Visokoi Island, [56°42'S 27°12'W], 10-17 m (KS 47a).

South Shetland Islands: Deception Island, [62°57'S 60°38'W], (KS 47a); King George Island, 62°11'-14'S 58°52'-58'W, 7 m (bottom/habitat: sand; gear: dredge (MR 91); Admiralty Bay, [62°00'S 58°30'W], 4-30 m (gear: SCUBA, with Tvärminne sampler) (KJ et al. 91, 92).

Depth range: 0-235 m.

Type-locality: South Georgia: *Discovery 1925-27*, Cumberland East Bay, sta. 39, [54°17'S 36°26'W], 179-235 m (bottom/habitat: grey mud; gear: large otter trawl) (KHB 32).

Type material location: NHM, London.

Remarks: See remarks under ?*Parharpinia obliqua*. ?*P. rotundifrons* can be distinguished from ?*P. obliqua* at first sight by the shape and setation of epimeron 3.

***Phoxorgia sinuata* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 12, 17, 103-104, fig. 52. (*Parharpinia sinuata*).

Schellenberg, 1931: 75-78, fig. 39. (*Parharpinia villosa*, in part).

Schellenberg, 1935: 232. (*Parharpinia villosa*).

Barnard J.L., 1958a: 147-148. (*Paraphoxus sinuatus*).

Barnard J.L., 1958b: 118. (*Paraphoxus sinuata*).

Barnard J.L., 1960: 186, 195, 271, 278-282, 283, 285, pl. 45. (*Paraphoxus sinuatus*).

Thurston, 1974a: app. C. (*Parharpinia sinuata*).

Andres, 1975: 92, 96, 97. (*Paraphoxus villosus*).

Barnard & Drummond, 1976: 527. (*Paraphoxus sinuata*).

Lowry & Bullock, 1976: 128. (*Paraphoxus sinuatus*).

Barnard & Drummond, 1978: 32, 146. (*Parharpinia sinuata*).

Barnard & Barnard, 1980: 869-874, fig. 7.

Barnard & Barnard, 1990: 110.

Barnard & Karaman, 1991: 627.

Gonzalez, 1991: 61.

De Broyer & Jazdzewski, 1993: 84.

De Broyer & Rauschert, 1999: 286.

Chiesa *et al.*, 2005: 170.

Alonso de Pina *et al.*, (in press).

Distribution:

G+M+

Magellan area: *Schwed. Exp. Magellan. 1895-97*, Punta Arenas, 53°10'S 70°54'W, 13-14 m (bottom/habitat: sand, algae); Bahía Inutil, 53°30'S 69°45'W, 20-54 m (bottom/habitat: coralline algae nodules, grey-whitish shells); Isla Nueva, [55°14'S 66°33'W], 54 m (bottom/habitat: shells); Tierra del Fuego, 54°43'S 64°08'W, 36 m (bottom/habitat: pebble, calcareous algae) (revised by JLB 60, B&B 80); *Hamb. Magalh. Samm. 1892-93*, Smyth Channel, [52°15'S 73°40'W], 14 m; 43°S 60°W, 11 m (AS 31a); *Discovery 1925-27*, sta. WS 88, 54°00'S 64°57'W, 118 m (bottom/habitat: sand, shells, stones; gear: commercial otter trawl) (KHB 32); *Albatross*, sta. 2776, Estrecho de Magallanes, 52°41'00"S 69°55'30"W, 38 m (B&B 80); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahía Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge); Bahía Buen Suceso, 54°47'S 65°14'W, 12 m (gear: dredge); Bahía Golondrina, 54°49'-50'S 68°14'-20'W, 5 m (gear: Snapper grab) (ILC *et al.* 05); *Victor Hensen Magellan 1994*, Estrecho de Magallanes, Gente Grande, Laredo Bay, sta. 924, 52°56.8'S 70°18.6'W, 17 m (gear: small dredge); Estrecho de Magallanes, Laredo, sta. 960, 52°57.9'S 70°43.4'W, 36 m (gear: Agassiz trawl); sta. 963, 52°57.9'S 70°43.5'W, 38 m (gear: small dredge); Estrecho de Magallanes, Paso Ancho, sta. 972, 53°28.8'S 70°21.9'W, 92 m (gear: small dredge); Paso Goree, sta. 1164, 55°18.8'S

67°05'W, 24 m (gear: small dredge); sta. 1165, 55°18.6'S 67°08.5'W, 42 m (gear: multibox corer); Punta Rico, sta. 1176, 55°07.3'S 66°53'W, 25 m (gear: small dredge); Isla Wollaston, sta. 1204, 55°38.4'S 67°12.4'W, 40 m (gear: small dredge); SE Isla Picton, sta. 1216, 55°07.2'S 66°40.2'W, 67 m (gear: small dredge); sta. 1221, 55°07.6'S 66°44.6'W, 33 m (gear: small dredge) (MR, unpubl. rec.); *Vidal Gormaz CIMAR FIORD 3*, Canal Beagle, Puerto Williams, sta. 41, 54°53.8'S 67°34.5'W, 35 m (MR, unpubl. rec.).

South Georgia: *Discovery 1925-27*, sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Depth range: 5-160 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Extralimital distribution: *Schwed. Exp. Magellan. 1895-97*, Chile: Valparaíso, [33°01'S 71°37'W], 11-22 m (revised by JLB 60, B&B 80); *Hamb. Magalh. Samm. 1892-93*, 38°S 56°W, 94 m (AS 31a); Valparaíso, [33°01'S 71°37'W] (HGA 75); Bahía La Herradura, 29°58'S 71°22'W (EG 91).

Extralimital depth range: 11-94 m.

Type material location: NHM, London.

Remarks: *Phoxorgia sinuata*, the unique species in the genus, has been recorded lately from southern Tierra del Fuego (Chiesa *et al.* 05) and southern Chile (Rauschert, unpubl. rec.).

***Pseudfoxiphalus setosus* Andres, 1991**

Andres, 1991: 187-196, figs. 1-5.

De Broyer & Jazdzewski, 1993: 85.

De Broyer & Rauschert, 1999: 286.

Alonso de Pina *et al.*, (in press).

Distribution:

M

Magellan area: Chile, Seno de Reloncavi, Bahía Quillaípe, 41°54'S 72°75'W (bottom/habitat: sandy tidal flat) (HGA 91).

Depth range: 0 m.

Type-locality: Magellan area: Chile, Seno de Reloncavi, Bahía Quillaípe, 41°54'S 72°75'W (bottom/habitat: sandy tidal flat) (HGA 91).

Type material location: ZMH, Hamburg.

Family PHOXOCEPHALOPSIDAE Barnard & Clark, 1984a***Eophoxocephalopsis colombus* Alonso de Pina, 2000.**

Alonso de Pina, 2000: 710-720, figs. 1-49.

Distribution: **M+**
Magellan area: Golfo Nuevo, Colombo beach, 42°37'S 61°16'W, 2 m (bottom/habitat: sandy substrates in the intertidal and subtidal zones; gear: small dredge) (GMA 00).

Depth range: 0-2 m.

Type-locality: Magellan area: Golfo Nuevo, Colombo beach, 42°37'S 61°16'W, 2 m (bottom/habitat: sandy substrates in the intertidal and subtidal zones; gear: small dredge) (GMA 00).

Type material location: MACN, Buenos Aires.

***Eophoxocephalopsis deceptionis* (Stephensen, 1947a).**

Stephensen, 1947a: 38, figs. 12-14. (*Phoxocephalopsis deceptionis*).

Barnard J.L., 1958e: 77.

Lowry & Bullock, 1976: 70. (*Phoxocephalopsis deceptionis*).

Arnaud *et al.*, 1986: 16, table 1. (*Phoxocephalopsis deceptionis*).

Thurston, 1989a: 301, 308-309.

Barnard & Karaman, 1991: 638.

Jazdzewski *et al.*, 1991: 110. (*Phoxocephalopsis deceptionis*).

Jazdzewski *et al.*, 1992: 465, 470. (*Phoxocephalopsis deceptionis*).

De Broyer & Jazdzewski, 1993: 85.

Jazdzewski *et al.*, 1996: 372. (*Phoxocephalopsis deceptionis*).

Distribution: **W**

South Shetland Islands: Deception Island, 30 m (KS 47a); King George Island, Admiralty Bay, 5-15 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91, 92).

Depth range: 30 m.

Type-locality: South Shetland Islands: Deception Island, 30 m (KS 47a).

Type material location: ZMUC, Copenhagen.

***Eophoxocephalopsis rhachianensis* Thurston, 1989a**

Thurston, 1989a: 302-308, figs. 1-5.

De Broyer & Jazdzewski, 1993: 86.

Distribution: **M**

Falkland Islands: East Falkland, south shore of Port William, tidal range 1.2 m (bottom/habitat: moderately exposed beach of clean sand and shell fragments); about 0.7 m vertically above low water (bottom/habitat: medium sand, shell); Surf Bay, tidal range 1.2 m (bottom/habitat: exposed beach of medium fine sand and shell fragments, subject to heavy surf and containing much fragmented kelp debris); about 0.2-0.4 m vertically above low water (MHT 89a).

Depth range: 0-1 m.

Type-locality: Falkland Islands: East Falkland, south shore of Port William, tidal range 1.2 m (bottom/habitat: moderately exposed beach of clean sand and shell fragments); about 0.7 m vertically above low water (bottom/habitat: medium sand and shell); Surf Bay, tidal range 1.2 m (bottom/habitat: exposed beach of medium fine sand and shell fragments, subject to heavy surf and containing much fragmented kelp debris); about 0.2-0.4 m vertically above low water (MHT 89a).

Type material location: NHM, London.

***Phoxocephalopsis gallardoi* Barnard & Clark, 1984**

Barnard & Clark, 1984: 97-104, figs. 6-10.

Barnard & Drummond, 1982c: 16-17. (*Phoxocephalopsis zimmeri*).

Barnard & Karaman, 1991: 638.

Gonzalez, 1991: 62.

De Broyer & Jazdzewski, 1993: 86.

Distribution: **M**

Falkland Islands: Port Stanley, ?Mullet Creek, depth unknown (B&C 84).

Magellan area: Estrecho de Magallanes, 53°01'S 70°42.14'W, 112 m (B&C 84).

Depth range: 112 m.

Type-locality: Falkland Islands: Port Stanley, ?Mullet Creek, depth unknown (B&C 84).

Type material location: USNM, Washington.

***Phoxocephalopsis zimmeri* Schellenberg, 1931a**

Schellenberg, 1931a: 70, fig. 36.

Barnard K.H., 1931a: 426. (*Haustoriella psammophila*).

Barnard K.H., 1932: 95, figs. 46, 47.

? Ruffo, 1956b: 115, fig. 1.

Barnard J.L., 1958e: 17.

Thurston & Allen, 1969: 381. (*Haustoriella psammophila*).

Escofet, 1971: 113.

Lowry & Bullock, 1976: 71.

Barnard & Drummond, 1982c: 16-17.

Barnard & Clark, 1984: 88-97, figs. 1-5.

Thurston, 1989a: 308-309.

Barnard & Karaman, 1991: 638.

Gonzalez, 1991a: 62.

Wakabara *et al.*, 1991: 73-75.

De Broyer & Jazdzewski, 1993: 86.

De Broyer & Rauschert, 1999: 286, table 1.

Chiesa *et al.*, 2005: 170.

Distribution: **M+**

Falkland Islands: Port Albemarle, 40 m (bottom/habitat: sand, algae); Berkeley Sound, 25-30 m (bottom/habitat: shells, stones) (AS 31a); *Discovery 1925-27*: sta. WS 96, 48°00'S 64°45'W, 96 m (KHB 32); Port Stanley (B&D 82c).

Magellan area: Punta Arenas, 4 m (bottom/habitat: sand)

(AS 31a); Estrecho de Magallanes, 52°14.2'–46.6'S 68°29.6'–70°05.4'W, 4–21 m (B&C 84) southern Tierra del Fuego, Bahía Aguirre, 54°54'S 65°57'W, 30–35 m (gear: dredge); Bahía Buen Suceso, 54°47'S 65°14'W, 12 m (gear: dredge) (ILC *et al.* 05).

Depth range: 4–40 m.

Type-locality: Magellan area: Punta Arenas, 4 m (bottom/habitat: sand) (AS 31a).

Extralimital distribution: Argentina; Brazil.

Extralimital depth range:

Type material location: NRS, Stockholm.

***Puelche orensanzii* Barnard & Clark, 1982a**

Barnard & Clark, 1982a: 263–267, figs. 1–5.

Barnard & Karaman, 1991: 638.

De Broyer & Jazdzewski, 1993: 86.

Distribution: **M**

Magellan area: Argentina, Golfo San José, San Roman beach, intertidal (bottom/habitat: sandy beach) (B&C 82a).

Depth range: 0 m.

Type-locality: Magellan area: Argentina, Golfo San José, San Roman beach, intertidal (bottom/habitat: sandy beach) (B&C 82a).

Type material location: USNM, Washington.

Family PLATYISCHNOPIDAE Barnard & Drummond, 1979

***Eudevenopus gracilipes* (Schellenberg, 1931a)**

Schellenberg, 1931a: 63–65, fig. 33, (in part; part ?= *Tiburonella viscana*).

Thomas & Barnard, 1983b: 9–12, fig. 2.

Barnard & Karaman, 1991: 640.

Gonzalez, 1991a: 62.

De Broyer & Jazdzewski, 1993: 86.

Rios *et al.*, 2003: 6, table 1.

Distribution: **M+**

Magellan area: Estrecho de Magallanes (EG 91a); Estrecho de Magallanes (gear: McIntyre grab) (CR *et al.* 03).

Depth range:

Type-locality: ? Valparaíso, 13 m (AS 31a).

Extralimital distribution: Chile: ? Valparaíso. Not Brazil, Rio de Janeiro (AS 31a).

Extralimital depth range: 13 m.

Type material location: NRS, Stockholm.

Family UROHAUSTORIIDAE Barnard & Drummond, 1982c

***Huarpe escofeti* Barnard & Clark, 1982b**

Barnard & Clark, 1982b: 285–288, figs. 1–6.

Barnard & Karaman, 1991: 724.

Gonzalez, 1991a: 64.

De Broyer & Jazdzewski, 1993: 99.

Distribution: **M**

Magellan area: Argentina, Golfo San José, San Roman beach, intertidal (bottom/habitat: sand); Chile, 52°29.9'S 69°05.9'W, 11–12 m (bottom/habitat: grey fine sand) (B&C 82b).

Depth range: 0–12 m.

Type-locality: Magellan area: Argentina, Golfo San José, San Roman beach, intertidal (bottom/habitat: sand); Chile, 52°29.9'S 69°05.9'W, 11–12 m (bottom/habitat: grey fine sand) (B&C 82b).

Type specimen location: USNM, Washington.

Family UROTHOIDAE Bousfield, 1978

***Carangolia cornuta* Bellan-Santini & Ledoyer, 1987**

Bellan-Santini & Ledoyer, 1987: 382–384, fig. 10.

Barnard & Karaman, 1991: 727.

Branch *et al.*, 1991: 14, fig. on p.14.

De Broyer & Jazdzewski, 1993: 99.

Distribution: **S**

Prince Edward Islands: *Marion Dufresne 08*, sta.17 BB 97, 46°52.5'S 37°53.5'E, 110 m (bottom/habitat: muddy sand); sta. 31 BB 157, 46°59.5'S 37°46.8'E, 192 m (bottom/habitat: sand) (BS&L 87).

Depth range: 110–192 m.

Type-locality: Prince Edward Islands: *Marion Dufresne 08*, sta.17 BB 97, 46°52.5'S 37°53.5'E, 110 m (bottom/habitat: muddy sand); sta. 31 BB 157, 46°59.5'S 37°46.8'E, 192 m (bottom/habitat: sand) (BS&L 87).

Type specimen location: MCSN, Verona.

***Urothoe falcata* Schellenberg, 1931a**

Schellenberg, 1931a: 61, fig. 32.

Barnard K.H., 1932: 91, fig. 44.

Barnard J.L., 1958e: 78.

Sanderson, 1973: 26.

Lowry & Bullock, 1976: 71.

Barnard & Karaman, 1991: 728.

Gonzalez, 1991a: 64.

De Broyer & Jazdzewski, 1993: 99.

? Jazdzewski *et al.*, 1996: 373. (*Urothoe* cf. *falcata*).

De Broyer & Rauschert, 1999: 287, table 1.

Chiesa *et al.*, 2005: 170.

Distribution: **?W+M+**

Magellan area: Estrecho de Magallanes (EG 91A); southern Tierra del Fuego, Punta Moat, 55°02'S 66°42'W, 15–25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30–35 m (gear: dredge); Bahía Aguirre, 54°54'S 65°57'W, 30–35 m (gear: dredge); Bahía Buen Suceso, 54°47'S 65°14'W, 12 m

(gear: dredge) (ILC *et al.* 05).

Falkland Islands: *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets); sta. WS 76, 51°00'S 62°02'W, 207 m (bottom/habitat: fine dark sand; gear: conical dredge) (KHB 32).

? **South Shetland Islands:** King George Island, Admiralty Bay (KJ *et al.* 96).

Depth range: 15-207 m.

Type-locality: La Plata estuary, 95 m; Magellan area: 43°S 60°W, 104 m (AS 31a)

Extralimital distribution: Argentina.

Extralimital depth range: 95 m.

Type specimen location: NRS, Stockholm; ZMH, Hamburg.

?*Urothoe latifrons* Ren, 1991

Ren, 1991 in Ren & Huang, 1991: 227-229, 302-303, figs. 25-26. (*Urothoe latifrons*).

De Broyer & Jazdzewski, 1993: 99.

Distribution: W(Ba)

South Shetland Islands: 62°50.6'S 60°20.5'W, 860 m (bottom/habitat: sand) (R&H 91).

Depth range: 860 m.

Type-locality: South Shetland Islands: 62°50.6'S 60°20.5'W, 860 m (bottom/habitat: sand) (R&H 91).

Type specimen location: IOQ, Qingdao.

Urothoe marionis Bellan-Santini & Ledoyer, 1987

Bellan-Santini & Ledoyer, 1987: 386-387, fig. 12.

Barnard & Karaman, 1991: 728.

Branch *et al.*, 1991: 15, fig. on p.15.

De Broyer & Jazdzewski, 1993: 99.

Distribution: S

Prince Edward Islands: *Marion Dufresne 08*, sta.17 BB 97, 46°52.5'S 37°53.5'E, 110 m (bottom/habitat: muddy sand) (BS&L 87).

Depth range: 110 m.

Type-locality: Prince Edward Islands: *Marion Dufresne 08*, sta.17 BB 97, 46°52.5'S 37°53.5'E, 110 m (bottom/habitat: muddy sand) (BS&L 87).

Type specimen location: MCSN, Verona.

Urothoe oniscoides (K.H. Barnard, 1932)

Barnard K.H., 1932: 93, fig. 45. (*Urothoides oniscoides*).

Barnard J.L., 1958e: 78. (*Urothoides oniscoides*).

Barnard J.L., 1967a: 22.

Thurston & Allen, 1969: 383.

Lowry & Bullock, 1976: 71.

Barnard & Karaman, 1991: 728.

Rauschert, 1991: 26, 37.

De Broyer & Jazdzewski, 1993: 99.

Distribution: W(+Ba)

Bransfield Strait: *Discovery 1925-27*, sta. 196, 62°17'S 58°21'W, 720 m (bottom/habitat: mud; gear: tow-net) (KHB 32).

South Shetland Islands: King George Island, Fildes Strait, sta. 30/25, 62°13'S 58°57'W, 30 m (MR 91).

Depth range: 30-720 m.

Type-locality: Bransfield Strait: *Discovery 1925-27*, sta. 196, 62°17'S 58°21'W, 720 m (bottom/habitat: mud; gear: tow-net) (KHB 32).

Type specimen location: NHM, London.

Urothoe vema J.L. Barnard, 1962d

Barnard J.L., 1962d: 45, fig. 34.

Lowry & Bullock, 1976: 71.

Barnard & Karaman, 1991: 729.

De Broyer & Jazdzewski, 1993: 100.

Distribution: W+(Ba+Ab)

Valdivia Basin: *Vema 14*, sta. 49, slope of South Sandwich Trench, 56°43'S 27°41'W, 2747 m (gear: small benthic trawl) (JLB 62d).

Depth range: 2747 m.

Type-locality: Cape Basin: *Vema 14*, sta. 53, 36°34'S 14°08'E, 4893 m (gear: small benthic trawl) (JLB 62d).

Extralimital distribution: Cape Basin. *Vema 14*, sta. 53, 36°34'S 14°08'E, 4893 m (gear: small benthic trawl) (JLB 62d).

Extralimital depth range: 4893 m.

Type specimen location: LGOC, New York.

Urothoides lachneessa (Stebbing, 1888)

Stebbing, 1888: 825, pl. 57. (*Urothoe lachneessa*).

Stebbing, 1891b: 26.

Della Valle, 1893: 667, pl. 60: fig. 13. (*Urothoe lachneessa*).

Stebbing, 1906: 132.

Chilton, 1920b: 6.

Schellenberg, 1926c: 195.

Barnard J.L., 1958e: 78.

Thurston & Allen, 1969: 383.

Mills, 1972a: 74, table 1. (*Urothoides lachneessa*).

Arnaud, 1974: 546, table 14. (eco). (*Urothoides lachneessa*).

Bellan-Santini & Ledoyer, 1974: 674.

Lowry & Bullock, 1976: 71.

Bellan-Santini & Ledoyer, 1987: 388-389, fig.13.

Barnard & Karaman, 1991: 729.

Branch *et al.*, 1991: 15, fig. on p.15.

De Broyer & Jazdzewski, 1993: 100.

Distribution: S+

Iles Kerguelen: no loc. (AS 26c); *Challenger 1873-76*, off Baie de Recques [Cumberland Bay], 219 m (TRS 88); Golfe

du Morbihan, 15 m.; Ile Australia, 24 m (BS&L 74).

Prince Edward Islands: *Marion Dufresne 08*, sta.19 BB 111, 46°46.2'S 38°03.2'E, 190 m (bottom/habitat: mud) (BS&L 87).

Depth range: 15-216 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, off Baie de Recques [Cumberland Bay], 219 m (TRS 88).

Extralimital distribution: New Zealand.

Extralimital depth range:

Type specimen location: NHM, London.

Family ZOBACHOIDEAE Barnard & Drummond, 1982c

Chono angustiarum Clark & Barnard, 1987

Clark & Barnard, 1987: 79-87, figs. 1-6.

Barnard & Karaman, 1991: 732-733.

Gonzalez, 1991: 64.

De Broyer & Jazdzewski, 1993: 100.

Distribution: M

Magellan area: Eastern Estrecho de Magallanes, 52°39.9'S 69°35.9'W, 7-9 m (bottom/habitat: sand, shell) (C&B 87).

Depth range: 7-9 m.

Type-locality: Magellan area: Eastern Estrecho de Magallanes, 52°39.9'S 69°35.9'W, 7-9 m (bottom/habitat: sand, shell) (C&B 87).

Type specimen location: USNM, Washington.

Tonocote introflexidus Clark & Barnard, 1988

Clark & Barnard, 1988: 357-365, figs. 1-5.

Gonzalez, 1991a: 64.

De Broyer & Jazdzewski, 1993: 100.

Distribution: M

Magellan area: Eastern Estrecho de Magallanes, 52°33.5'S 68°57.5'W, 11 m (C&B 88).

Depth range: 11-16 m.

Type-locality: Magellan area: Eastern Estrecho de Magallanes, 52°33.5'S 68°57.5'W, 11 m (C&B 88).

Type specimen location: USNM, Washington.

Tonocote magellani Clark & Barnard, 1986

Clark & Barnard, 1986: 228-236, figs. 1-6.

Barnard & Karaman, 1991: 733.

Gonzalez, 1991: 64.

De Broyer & Jazdzewski, 1993: 100.

Distribution: M

Magellan area: Eastern Estrecho de Magallanes, 52°29.9'S 69°05.9'W, 11-12 m (C&B 86).

Depth range: 11-12 m.

Type-locality: Magellan area: Eastern Estrecho de Magallanes, 52°29.9'S 69°05.9'W, 11-12 m (C&B 86).

Type specimen location: USNM, Washington.

Family PLEUSTIDAE Buchholz, 1874

[Bousfield & Hendrycks, 1994a; Hendrycks & Bousfield, 2004].

Subfamily Atylopsinae Bousfield & Hendrycks, 1994a

Atylopsis emarginata Stebbing, 1888

Stebbing, 1888: 932, pl. 81.

Della Valle, 1893: 678, pl. 59: fig. 86. (*Acanthonotosoma emarginatum*).

Stebbing, 1906: 300. (*Atylopsis emarginata*).

Barnard J.L., 1958e: 32. (*Atylopsis emarginata*).

Mills, 1972a: 76, table 1. (*Atylopsis emarginata*).

Thurston, 1974a: 54, (in key).

Lowry & Bullock, 1976: 40.

Bellan-Santini & Ledoyer, 1987: 371-373, fig. 6.

Barnard & Karaman, 1991: 308,309.

Branch *et al.*, 1991: 21, fig. on p.21.

? Jazdzewski *et al.*, 1992: 463,468. (*Atylopsis* cf. *emarginatus*).

De Broyer & Jazdzewski, 1993: 37.

Bousfield & Hendrycks, 1994: 32.

Jazdzewski *et al.*, 1996: 370. (*Atylopsis* cf. *emarginatus*).

Distribution: W+S(+Ba)

Prince Edward Islands: *Challenger 1873-76*, sta. 145A, off Marion Island, 567 m (bottom/habitat: volcanic sand; gear: dredge) (TRS 88); *Marion Dufresne 08*, sta. 36 CP 173, 46°40.7'S 38°06.7'E, 315-570 m (BS&L 87);

South Shetland Islands: King George Island, Admiralty Bay, 46 m (gear: Van Veen grab) (KJ *et al.* 92).

Depth range: 46-558 m.

Type-locality: Prince Edward Islands: *Challenger 1873-76*, sta. 145A, off Marion Island, 567 m (bottom/habitat: volcanic sand; gear: dredge) (TRS 88).

Type specimen location: NHM, London.

Atylopsis fragilis Rauschert, 1989

Rauschert, 1989: 127-138, pls. 2-4.

De Broyer & Jazdzewski, 1993: 37.

Distribution: W

South Shetland Islands: King George Island, Fildes Strait, 62°14'S 58°56'W, 10-60 m (gear: dredge); Maxwell Bay, 20-50 m (MR 89).

Depth range: 10-60 m.

Type-locality: South Shetland Islands: King George Island, Fildes Strait, 62°14'S 58°56'W, 10-60 m (MR 89).

Type specimen location: ZMB, Berlin.

***Atylopsis orthodactyla* Thurston, 1974b**

Thurston, 1974b: 25, figs. 8, 9.
 Lowry & Bullock, 1976: 41.
 Barnard & Karaman, 1991: 309.
 Ren & Huang, 1991: 217-219, 300-301, fig. 19. (*Frigora ascidicola*, fide M.H. Thurston, com. pers.).
 De Broyer & Jazdzewski, 1993: 37.

Distribution:**W**

Palmer Archipelago: Port Lockroy, Lecuyer Point, Peltier Channel, 18 m (MHT 74b).

South Shetland Islands: 62°44.6'S 60°41.7'W, 198 m (bottom/habitat: mud and sand) (R&H 91).

Depth range: 18-198 m.

Type-locality: Palmer Archipelago: Port Lockroy, Lecuyer Point, Peltier Channel, 18 m (MHT 74b).

Type specimen location: NHM, London.

?*Atylopsis procera* Andres, 1986

Andres, 1986: 117-119, figs. 1-2.
 Boysen-Ennen, 1987: 58-60. (*Atylopsis procerus*).
 Barnard & Karman, 1991: 309. (quest. gen.)
 Klages, 1991: 49. (*Atylopsis procerus*).
 De Broyer & Jazdzewski, 1993: 37.
 Bousfield & Hendrycks, 1994: fig. 1C, fig. 4A,

Distribution:**E(P)**

Weddell Sea: *Polarstern ANTI*, sta. 206, 74°08.4'S 24°24.5'W, 199-100 m (bottom: 525 m; gear: RMT 1+8) (HGA 86).

Depth range: 100-199 m.

Type-locality: Weddell Sea: *Polarstern ANT I*, sta. 206, 74°08.4'S 24°24.5'W, 199-100 m (bottom: 525 m; gear: RMT 1+8) (HGA 86).

Type specimen location: ZMH, Hamburg.

**Subfamily Austropleustinae Bousfield & Hendrycks,
 1994a**

***Austropleustes cuspidatus* K.H. Barnard, 1931a**

Barnard K.H. 1931a: 428.
 Barnard K.H., 1932: 168, fig. 102.
 Barnard J.L. 1958b: 119.
 Lowry & Bullock, 1976: 130.
 Barnard & Karaman, 1991: 646.
 De Broyer & Jazdzewski, 1993: 86.
 Bousfield & Hendrycks, 1994: 35.

Distribution:**W**

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Depth range: 342 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta.

170, Clarence Island, Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Type material location: NHM, London.

?*Austropleustes simplex* K.H. Barnard, 1932

Barnard K.H., 1932: 169, fig. 103.
 Barnard J.L., 1958e: 119.
 Lowry & Bullock, 1976: 130.
 Barnard & Karaman, 1991: 646. (questioned genus).
 De Broyer & Jazdzewski, 1993: 86.

Distribution:**G**

South Georgia: *Discovery 1925-27*, sta. 123, Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl) (KHB 32).

Depth range: 230-250 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 123, Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl) (KHB 32).

Type material location: NHM, London.

**Subfamily Mesopleustinae Bousfield & Hendrycks,
 1994a**

Mesopleustes abyssorum* (Stebbing, 1888)*Stebbing, 1888: 872, pl. 67. (*Pleustes abyssorum*).**

Della Valle, 1893: 609, pl. 59: fig. 21. (*Acanthozone abyssorum*).

Stebbing, 1899d: 209.

Stebbing, 1906: 315.

Chevreaux, 1927: 92.

Pirlot, 1933a: 155.

Schellenberg, 1955: 194.

Barnard J.L., 1958e: 119.

Barnard J.L., 1964d: 321, figs. 4, 5.

Barnard J.L., 1967: 140, fig. 68.

Mills, 1972a: 77, table 1.

Lowry & Bullock, 1976: 130.

Barnard & Karaman, 1991: 649, figs. 115C, 116E.

De Broyer & Jazdzewski, 1993: 86.

Vinogradov G.M., 1994: 115, fig. 6.

Bousfield & Hendrycks, 1994: 20, 36, figs. 2P, 4H, 5A, 5L, 5O, 6G, 6H. (*Mesopleustes* n. sp.).

Hendrycks & Bousfield, 2004: 47-49, figs. 1,2. (*Mesopleustes ?abyssorum*).

Distribution:**S++(Ba-Ab)**

Prince Edward Islands: *Challenger 1873-76*, sta. 147, near Marion Island, 46°16'S 48°27'E, 2926 m (bottom/habitat: diatom ooze; gear: trawl) (TRS 88).

Depth range: 2926 m.

Type-locality: Prince Edward Islands: *Challenger 1873-76*, sta. 147, near Marion Island, 46°16'S 48°27'E, 2926 m (bottom/habitat: diatom ooze; gear: trawl) (TRS 88).

Extralimital distribution: Known from abyssal depths of the North Pacific (Japan; Cascadia Abyssal Plain, off Oregon), Indian (Flores Sea), and Atlantic (Morocco) oceans; probably panoeceanic (B&K 91).

Extralimital depth range:

Type material location: NHM, London.

Subfamily Pleusymtinae Bousfield & Hendrycks, 1994a

?*Pleusymtes* sp. Branch *et al.*, 1991

Branch *et al.*, 1991: 19, 39-40, fig. on p.19 (?*Pleusymtes* sp.)

De Broyer & Jazdzewski, 1993: 87.

Distribution:

S(Ba)

Prince Edward Islands: no loc. (MLB 91).

Depth range: 510 m.

Family PONTOPOREIIDAE Dana, 1853

[Barnard & Barnard, 1983: 562].

Zaramilla kergueleni Stebbing, 1888

Stebbing, 1888: 867, pl. 66.

Stebbing, 1906: 361.

Barnard J.L., 1958e: 125.

Arnaud, 1974: 575 (eco).

Bellan-Santini & Ledoyer, 1974: 674, pl. 19, fig. 18.

Lowry & Bullock, 1976: 68.

Lincoln & Hurley, 1981: 106, 108.

Barnard & Barnard, 1983: 563.

Barnard & Karaman, 1991: 344.

De Broyer & Jazdzewski, 1993: 88.

Distribution:

S

Iles Kerguelen: *Challenger 1873-76*, no loc., surface (TRS 88); Golfe du Morbihan, low tide; Port-aux-Français, low tide; Port Bizet, low tide; Baie Larose, low tide; Port-Christmas (BS&L 74).

Depth range: 0 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, no loc., surface (TRS 88).

Type material location: NHM, London.

Remarks: Family allocation doubtful.

Family PSEUDAMPHILOCHIDAE Schellenberg, 1931a

Pseudamphilochus shoemakeri Schellenberg, 1931a

Schellenberg, 1931a: 93, fig. 49.

Barnard J.L., 1958e: 24.

Lowry & Bullock, 1976: 24.

Barnard & Karaman, 1991: 667.

De Broyer & Jazdzewski, 1993: 88.

Gutt *et al.*, 2000: 76-77.

Distribution:

E+G

South Georgia: off Grytviken, 12-15 m (bottom/habitat: sand, algae) (AS 31a).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge) (JG *et al.* 00).

Depth range: 12-254 m.

Type-locality: South Georgia: off Grytviken, 12-15 m (bottom/habitat: sand, algae) (AS 31a).

Type material location: NRS, Stockholm.

Family SEBIDAE Walker, 1908

Subfamily Sebinae Holsinger & Longley, 1980

Seba antarctica Walker, 1906c

Walker, 1906c: 154.

Walker, 1907: 37, pl. 13: fig. 22.

Barnard K.H., 1930: 339.

Schellenberg, 1931a: 84, 89, figs. 47, 48, (in key).

Barnard K.H., 1932: 107, fig. 56.

Nicholls, 1938: 47.

Barnard J.L. 1958b: 126.

Karaman, 1971b: 86.

Lowry & Bullock, 1976: 132.

Holman & Watling, 1983b: 244, figs. 22-24.

Barnard & Karaman, 1991: 669.

Klages, 1991: 51.

De Broyer & Jazdzewski, 1993: 88.

Kunzmann, 1999: 25.

Gutt *et al.*, 2000: 84-87.

De Broyer *et al.*, 2001: 744-753. (eco)

La Mesa *et al.*, 2004: 724, table 2. (eco).

Distribution:

E+G

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 5-90 m (GEN 38).

Ross Sea: Winter Quarters Bay, 18 m, Hut Point (AOW 06c); *Terra Nova 1910*, sta. 220, off Cape Adare, 82-92 m (KHB 30); Terra Nova Bay, between Campbell Glacier Tongue and Cape Russell, from stomach content of *Trematomus bernacchii* (ML *et al.* 04).

South Georgia: *Discovery 1925-27*, sta. 39, Cumberland East Bay, 179-235 m (bottom/habitat: grey mud; gear: large otter trawl); sta. 142, Cumberland East Bay, 88-273 m (bottom/habitat: mud; gear: large otter trawl, tow-net of coarse silk); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets) (KHB 32); *Islas Orcadas 575*, sta. 90, 54°54.6'S 37°23.8'W, 223-227 m (H&W 83).

Weddell Sea: eastern shelf (MK 91; KK 99; CDB *et al.* 99), *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 02 MG 30, Kapp Norvegia, 71°19.20'S 12°27.00'W, 253 m (gear: multibox corer) (JG *et al.* 00); 253-399 m (CDB *et al.* 01).

Depth range: 5-399 m.

Type-locality: Ross Sea: Winter Quarters Bay, 18 m, Hut Point (AOW 06c).

Type material location: NHM, London; RSM, Edinburgh.

***Seba dubia* Schellenberg, 1926a**

Schellenberg, 1926a: 309, fig. 34.

Schellenberg, 1931a: 84, 86, fig. 45, (in key). (*Seba saundersii* f. *dubia*).

Barnard J.L., 1958e: 126.

Karaman, 1971b: 87.

Lowry & Bullock, 1976: 133.

Holman & Watling, 1983b: 244-250, figs. 25-27.

Barnard & Karaman, 1991: 669.

? Rauschert, 1991: 38.

De Broyer & Jazdzewski, 1993: 88.

Gutt *et al.*, 2000: 84-87.

Distribution:

E+W

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

South Shetland Islands: *Eltanin 6*, sta. 410, 61°18'20"S 56°09'-10'W, 220-240 m; *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m (H&W 83); King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 32 DR 27, Kapp Norvegia, 70°28.90'S 08°15.10'W, 286 m (gear: small dredge); sta. 02 MG 28, Kapp Norvegia, 71°19.10'S 12°22.80'W, 159 m (gear: multibox corer); sta. 02 MG 30, Kapp Norvegia, 71°19.20'S 12°27.00'W, 253 m (gear: multibox corer) (JG *et al.* 00).

Depth range: 159-385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type material location: ZMB, Berlin.

?*Seba georgiana* Schellenberg, 1931a

Schellenberg, 1931a: 85, fig. 44. (*Seba saundersii* f. *georgiana*).

Lowry & Bullock, 1976: 133. (*Seba saundersii*, in part; part = f. *georgiana*).

Barnard & Karaman, 1991: 669.

De Broyer & Jazdzewski, 1993: 88.

Distribution:

W

South Georgia: Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a).

Depth range: 22 m.

Type-locality: South Georgia: Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a).

Type material location: NRS, Stockholm.

***Seba saundersii* Stebbing, 1875b**

Stebbing, 1875b: 186. pl. 15a: fig. 2.

Stebbing, 1888: 783, pl. 49.

Della Valle, 1893: 774, pl. 60: figs. 32-34. (*Seba saundersii*).

Non Hutton, 1904: 258. (*Seba saundersii* = *Seba typica*).

Stebbing, 1906: 163, 724. (in part; part = *Seba armata*).

Barnard K.H., 1916: 112. pl. 26: figs. 2, 3. (*Paravalettia chelata*).

Schellenberg, 1931a: 83, 84, (in key).

Schellenberg, 1931a: 84. fig. 43, (in key). (*Seba saundersii* f. *saundersii*).

Schellenberg, 1931a: 84, 85, fig. 44, (in key). (*Seba saundersii* f. *georgiana*).

Barnard K.H., 1932: 106, fig. 55.

? Barnard K.H., 1957: 7, fig. 4. (questioned by Bellan-Santini, 1972b). (*Seba saundersii*).

Barnard J.L., 1958e: 126. (*Seba saundersii*).

Karaman, 1971b: 87. (*Seba saundersii*).

Bellan-Santini, 1972a: 229.

Bellan-Santini, 1972b: 699.

Arnaud, 1974: 553, 562, tables 17, 20. (eco).

Bella-Santini & Ledoyer, 1974: 694.

Griffiths, 1974c: 323. (*Seba saundersii*).

Griffiths, 1975: 165. (*Seba saundersii*).

Lowry & Bullock, 1976: 133.

Holman & Watling, 1983b: 250, fig. 28.

Bellan-Santini & Ledoyer, 1987: 421.

Barnard & Karaman, 1991: 669.

Branch *et al.*, 1991: 9, 39-40, fig. on p.9.

Gonzalez, 1991a: 62.

De Broyer & Jazdzewski, 1993: 89.

De Broyer & Rauschert, 1999: 286, table 1.

Chiesa *et al.*, 2005: 170.

Distribution:

E+G+S+M

Adélie Coast: Géologie Archipelago, 13-20 m; Cape Jules, 5-20 m; Cape Géodésie, 230-250 m (DBS 72a).

Iles Crozet: East Island: Anse de l'Aventure (BS&L 74).

Falkland Islands: Port William. 22 m (bottom/habitat: sand); 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a); *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets) (KHB 32).

Iles Kerguelen: Golfe du Morbihan, Chaussée Béniguet, 35 m, Anse Joliette, 10-54 m (BS&L 74).

Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom/habitat: sand; gear: trawl) (TRS 88); Estrecho de Magallanes, Bahia San Nicolas; Seno Magallanes; Canal Beagle, 100 m (bottom/habitat: coarse gravel, shells) (AS 31a); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W (ILC *et al.* 05).

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: sand, mud); sta. 22 BB 125, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand) (BS&L 87); 5-10 m (MLB *et al.* 91).

South Georgia: off Grytviken, 22 m (AS 31a).

Depth range: 5-250 m.

Type-locality: South Africa: Algoa Bay (TRS 75b).

Extralimital distribution: South Africa (TRS 75b); ? Western Australia: Swan River (TRS 88).

Extralimital depth range:

Type material location:

Remarks: The status of the Antarctic material remains to be clarified, as its identity with the South African or Western Australian type-material is improbable.

Seba stoningtonensis Thurston, 1974b

Thurston, 1974b: 67, figs. 26, 27.

Lowry & Bullock, 1976: 133.

Barnard & Karaman, 1991: 670.

? Rauschert, 1991: 38.

De Broyer & Jazdzewski, 1993: 89.

Distribution:

W

Marguerite Bay: Stonington Island, 64 m (MHT 74b).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 64 m.

Type-locality: Marguerite Bay: Stonington Island, 64 m (MHT 74b).

Type material location: NHM, London.

Seba subantarctica Schellenberg, 1931a

Schellenberg, 1931a: 84, 87, fig. 46, (in key).

Barnard J.L., 1958e: 126.

Karaman, 1971b: 88.

Lowry & Bullock, 1976: 133-134.

? Holman & Watling, 1983b: 251-254, figs. 29-30. (*Seba* cf. *subantarctica*).

Barnard & Karaman, 1991: 670.

Gonzalez, 1991a: 62.

De Broyer & Jazdzewski, 1993: 89.

Chiesa *et al.*, 2005: 170.

Distribution:

G+M(+Ba)

Burdwood Bank: 53°45'S 61°10'W, 140-150 m (bottom/habitat: gravel, stones, shells) (AS 31a).

Falkland Islands: Port Albemarle, 15 m (bottom/habitat: sand, algae); Berkeley Sound, 16 m (bottom/habitat: sand, shells, algae); Port William, 22 m (bottom/habitat: sand) (AS 31a).

Magellan area: Canal Beagle, 55°10'S 66°15'W, 100 m (bottom/habitat: shells) (AS 31a); *Eltanin 9*, sta. 740, 56°06'-07'S 66°19'-30'W, 384-394 m; *Hero 715*, sta. 893, 54°55.6'-54.8'S 64°21.8'-19'W, 303-358 m (H&W 87); Estrecho de Magallanes (EG 91a); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W (ILC *et al.* 05).

South Georgia: off Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a).

Depth range: 15-394 m.

Type-locality: Burdwood Bank: 53°45'S 61°10'W, 140-150 m (bottom/habitat: gravel, stones, shells) (AS 31a).

Falkland Islands: Port Albemarle, 15 m (bottom/habitat: sand, algae); Berkeley Sound, 16 m (bottom/habitat: sand, shells, algae); Port William, 22 m (bottom/habitat: sand) (AS 31a).

Magellan area: Canal Beagle, 55°10'S 66°15'W, 100 m (bottom/habitat: shells) (AS 31a).

South Georgia: off Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a).

Type material location: NRS, Stockholm.

Seba typica (Chilton, 1884a)

Chilton, 1884a: 257, pl. 18: fig. 1a-g. (*Teraticum typicum*).

? Chilton, 1885: 320.

Thomson & Chilton, 1886: 148.

Stebbing, 1888: 787. (*Seba saundersii*, in part).

Chilton, 1906b: 572, fig. 1.

Stebbing, 1906: 163. (*Seba saundersii*, in part).

? Chilton, 1921d: 56, fig. 6a-d. [fide H&W 83]

Chilton, 1924a: 269.

Barnard J.L., 1972b: 154, fig. 87g-k.

? Ledoyer, 1978b: 314-315, fig. 42.

Holman & Watling, 1983b: 254, figs. 31-32.

Ledoyer, 1986: 944 (in key).

Barnard & Karaman, 1991: 670.

De Broyer & Jazdzewski, 1993: 89.

Chiesa *et al.*, 2005: 170.

Distribution:

M+

Magellan area: *Hero 715*, sta. 893, 54°55.6'-54°54.8'S 64°21.8'-64°19'W, 303-358 m (H&W 83b); southern Tierra del Fuego, Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Depth range: 15-358 m.

Type-locality: New Zealand: Lyttelton Harbour (CC 84a).

Extralimital distribution: New Zealand; ? Mauritius Is.

Extralimital depth range:

Type material location: CMNZ, Christchurch?

Seba sp. 1 Holman & Watling, 1983b

Holman & Watling, 1983b: 254-256, figs. 33-34. (*Seba* sp. a)

Barnard & Karaman, 1991: 670.

De Broyer & Jazdzewski, 1993: 89.

Distribution:

M(Ba)

Magellan area: *Hero 715*, sta. 893, 54°55.6'-54°54.8'S 64°21.8'-64°19'W, 303-358m (H&W 83b).

Depth range: 303-358 m.

Seba sp. 2 Holman & Watling, 1983b

Holman & Watling, 1983b: 258-260, fig. 35. (*Seba* sp. b).

Barnard & Karaman, 1991: 670.

De Broyer & Jazdzewski, 1993: 89.

Distribution:

M(Ba)

Magellan area: *Eltanin 09*, sta 740, 56°06'-56°07'S 66°19'-66°30'W, 384-494 m (H&W 83).

Depth range: 384-494 m.

Family STEGOCEPHALIDAE Dana, 1853

[Berge, De Broyer & Vader, 2000; Berge & Vader 2001a]

Subfamily Andaniexinae Berge & Vader, 2001a

***Andaniexis olli* Berge, De Broyer & Vader, 2000**

Berge, De Broyer & Vader, 2000: 220-221, figs. 1-2.

Berge & Vader, 2001: 539.

Distribution:

W(Ba)

South Shetland Islands: *Polarstern ANT XIV/2*, sta. 077, 61°18.60'S 57°01.70'W, 1444 m (JB *et al.* 00).

Depth range: 1444 m.

Type-locality: South Shetland Islands: *Polarstern ANT XIV/2*, sta. 077, 61°18.60'S 57°01.70'W, 1444 m (JB *et al.*; 00).

Type material location: ZMB, Berlin.

***Andaniotes abyssorum* Stebbing, 1888.**

Stebbing, 1888: 739, pl. 37.

? Della Valle, 1893: 629, pl. 59: fig. 38. (*Stegocephalus abyssorum*).

Non Stebbing, 1897: 31. (*Andaniotes corpulentus*).

Stebbing, 1906: 96 (in part).

Berge, 2001b: 789-794, figs. 1-4.

Lowry & Stoddart, 2003: 253.

Distribution:

?M+

? Falkland Islands: 52°29'S 60°36'W, 197 m (JB 01b).

Depth range: 197 m.

Type-locality: New Zealand: *Challenger 1873-76*, sta. 168, 40°28'S 177°43'E, 2012 m (bottom/habitat: blue mud; gear: trawl) (TRS 88).

Extralimital distribution: South Australia: 38°S 149°E; Tasmania: 43°S 145°E; New Zealand: 40°S 177°E (JB 01b).

Extralimital depth range: 200-2012 m.

Type material location: NHM, London.

***Andaniotes linearis* K.H. Barnard, 1932**

Barnard K.H., 1932: 80, fig. 36.

Chevreaux, 1906e: 22. (*Andaniotes corpulenta*).

? Schellenberg, 1931a: 51. (questioned by Berge *et al.*, 2001). (*Andaniotes corpulentus*).

? Nicholls, 1938: 41, fig. 21. (questioned by Berge *et al.*, 2001).

Barnard J.L., 1958e: 127.

Thurston & Allen, 1969: 373.

Barnard J.L., 1972a: 307, (in key).

Sanderson, 1973: 44.

Lowry & Bullock, 1976: 134. (*Andaniotes corpulentus*, in part).

Watling & Holman, 1981: 219-221, fig. 24. (*Andaniotes corpulentus*).

Watling & Holman, 1981: 221-223, fig. 25-26.

Barnard & Karaman, 1991: 678. (*Andaniotes corpulentus*, in part).

Gonzalez, 1991a: 62. (*Andaniotes corpulentus*).

Klages, 1991: 51.

Ren & Huang, 1991: 279-280, fig. 57.

Jazdzewski *et al.*, 1992: 466.

De Broyer & Jazdzewski, 1993: 89.

Jazdzewski *et al.*, 1996: 372.

Kunzmann, 1999: 25.

Gutt *et al.*, 2000: 84-87.

Berge, De Broyer & Vader, 2000: 222.

Berge, 2001b: 796-797.

Berge & Vader, 2001a: 539.

De Broyer *et al.*, 2001: 744-753. (eco).

Distribution:

E+W+G+M(+Ba)

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 81-90 m (GEN 38).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Falkland Islands: 52°29'S 60°36'W, 197 m; 53°45'S 61°10'W, 140-150 m (AS 31a); *Eltanin 558*, 51°58'-52°01'S 56°38'W, 646-845 m (W&H 81).

Magellan area: Ultima Esperanza, low tide; Puerto Condor, 90 m; Cabo Valentina, 270 m; eastern entrance mouth of Canal Beagle, 100 m; Cabo Blanco, 144 m (AS 31a); *Eltanin 9*, sta. 740, 56°06'-07'S 66°19'-30'W, 384-494 m; *Eltanin 11*, sta. 977, 52°32'S 63°53'W, 229 m; *Hero 715*, sta. 894, 54°55'-54.8'S 64°20'-18'W, 263-285 m (W&H 81); *Eltanin 22*, 54°43'S 56°37'W, 339-357 m (JB 01b).

Palmer Archipelago: *Discovery 1925-27*, sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stone, mud, rock; gear: large heavy dredge, large rectangular net) (KHB 32).

Lars Christensen Coast: 66°55.51'S 62°32.72'E, 113 m; 66°53.69'S 63°06.34'E, 367 m; 67°05.03'S 68°58.8'E, 204 m; 67°01.3'S 70°07.6'E, 339 m (JB 01b).

Shag Rocks: 53°34'S 43°23'W, 160 m (AS 31a).

South Georgia: *Discovery 1925-27*, sta. 39, Cumberland East Bay, 179-235 m (bottom/habitat: grey mud; gear: large otter trawl); sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk); sta. 148, off Cape Saunders, 132-148 m (bottom/habitat: grey mud, stones; gear: nets); sta. 149, mouth of Cumberland East Bay, 200-234 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. 156, 53°51'S 36°21'W, 200-236 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32); *Islas Orcadas 575*, sta. 89, 54°44.2'S 37°11.2'W, 225-265 m; sta. 90, 54°50'S 37°23'W, 223-337 m; sta. 91, 55°00'S 37°42'W, 494-501 m; sta. 95, 54°11.08'S 37°41.01'W, 68-80 m; *Islas Orcadas 876*, sta. 108, 60°25.9'S 46°23.6'W, 152-159 m (JB 01b).

South Orkney Islands: *Eltanin 9*, sta. 684, 54°55'S 38°05'W, 595-677 m (JB 01b).

South Shetland Islands: King George Island, Admiralty Bay (KJ *et al.* 92); *Eltanin 6*, sta. 410, 61°18'-20'S 56°09'-10'W, 220-240 m; sta. 428, 62°39'-41'S 57°46'-51'W, 622-1120 m; *Eltanin 9*, sta. 740, 56°06'-07'S 66°19'-30'W, 384-494 m; *Eltanin 12*, sta. 1003, 62°41'S 54°43'W, 210-220 m; sta. 1079, 61°25'-26'S 40°55'W, 593-598 m (W&H 81); *Polarstern ANT XIV/2*, sta. 20, 61°22'S 56°7'W, 316 m; sta. 24, 61°5'S 55°56'W, 174 m; sta. 31, 60°54'S 55°45'W, 235 m; sta. 78, 60°57'S 55°33'W, 80 m; sta. 130, 61° 13'S 55°58'W, 146 m; sta. 162, 61°46'S 57°30'W, 322 m; 62°38'S 55°45'W, 277 m (JB 01b).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT VII/4 (EPOS III)*, sta. 245, 74°40'S 29°42'W, 483-484 m; sta. 271, 73°17'S 21°00'W, 352-399 m; *Polarstern ANT XII/3*, sta. 11, 73°22'S 21°10'W, 333-338 m (bottom/habitat: in the sponge *Mycale acerata*); sta. 15, 73°42'S 22°30'W, 428-446 m; sta. 16, 73°53'S 22°26'W, 242-246 m (JB 01b); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl) (JG *et al.* 00); eastern shelf, 405 m (CDB *et al.* 01).

Wilhelm Archipelago: Booth Island, Port Charcot (EC 06e).

Depth range: 80-1120 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 156, 53°51'S 36°21'W, 200-236 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Type material location: NHM, London.

Andaniotes pooh Berge 2001b

Berge, 2001b: 804-809, figs. 9-13.

Berge, De Broyer & Vader, 2000: 222.

Berge & Vader, 2001: 539.

Distribution: S(+Ba)

Auckland Island: 50°52'S 166°42'E, 135-139 m (JB 01b).

Macquarie Island: 56°19'S 158°29'E, 833-842 m (JB 01b).

Macquarie Ridge: 52°17'S 160°40'E, 659-798 m (JB 01b).

Depth range: 135-842 m.

Type-locality: Auckland Island: 50°52'S 166°42'E, 135-139 m (JB 01b).

Macquarie Island: 56°19'S 158°29'E, 833-842 m (JB 01b).

Type material location: DMC, Walpole.

Andaniotes pseudolinearis Berge 2001b

Berge, 2001b: 814-819, figs. 18-22.

Gutt *et al.*, 2000: 84-87.

Berge, De Broyer & Vader, 2000: 222.

Berge & Vader, 2001: 539.

Distribution: E

Princess Ragnhild Coast: Breid Bay, *EAB 61*, sta. 134, 136,

199, 70°20'S 24°13'E, 240 m; *EABN 67*, sta. 236, 70°19'S 24°14'E, 200 m (JB 01b).

Lars Christensen Coast: 66°53.69'S 63°06.34'E, 367 m; 67°10.9'S 69°14.8'E, 307 m (JB *et al.* 00).

Weddell Sea: *Polarstern ANT III*, sta. 44, 72°53.10'S 19°29.33'W, 421-429 m; *Polarstern ANT VII/4 (EPOS III)*, sta. 272, 73°27'S 21°34'W, 406-409 m; sta. 275, 71°40'S 12°35'W, 303-330 m; *Polarstern ANT XIII/3 (EASIZ I)*, sta. 11, 73°22'S 21°10'W, 333-338 m; sta. 16, 73°53'S 22°26'W, 242-246 m; sta. 16, 73°53'S 22°26'W, 242-246 m (JB 01b); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 200-429 m

Type-locality: Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 16, 73°53'S 22°26'W, 242-246 m (JB 01b).

Type material location: IRScNB, Brussels.

Metandania tordi Berge & Vader, 2003

Berge & Vader, 2003: 986-995, figs. 4-6.

Distribution: W+M(Ab)

Magellan area: *Eltanin 6*, sta. 350, 55°00-03'S 58°51-57'W, unknown depth (gear: Menzies trawl) (B&V 03).

Byrd: *Eltanin 5*, sta. 311, 57°59'-58°00'S 70°53'-71°00'W, 3911-4099 m (gear: Menzies trawl)(B&V 03).

Depth range: 3911-4099 m.

Type-locality: Magellan area: *Eltanin 6*, sta. 350, 55°00-03'S 58°51-57'W, unknown depth (gear: Menzies trawl) (B&V 03).

Type material location: USNM, Washington.

Parandaniexis dewitti Watling & Holman, 1980

Watling & Holman, 1980: 651-653, figs. 26-27.

Barnard & Karaman, 1991: 680.

De Broyer & Jażdżewski, 1993: 90.

Berge, De Broyer & Vader, 2000: 225.

Berge & Vader, 2001: 541.

Distribution: W(Ba)

South Sandwich Islands: *Islas Orcadas 575*, sta. 38, 57°00.4'S 26°10.1'W, 2740-2757 m (W&H 80).

Type locality: South Sandwich Islands: *Islas Orcadas 575*, sta. 38, 57°00.4'S 26°10.1'W, 2740-2757 m (W&H 80).

Depth range: 2740-2757 m.

Type material location: USNM, Washington.

Stegosoladidus antarcticus Berge, 2001a

Berge, 2001a: 551-558, figs. 12-17.

Gutt *et al.*, 2000: 84-87.

Berge, De Broyer & Vader, 2000: 229.

Berge, 2001a: 539-571, figs. 12-17.
Berge & Vader, 2001: 542.

Distribution:**E**

Weddell Sea: eastern shelf, 75°25.4'S 16°26.63'W, 198-260 m (JB 01a); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 198-338 m.

Type-locality: Weddell Sea: eastern shelf, 75°25.4'S 16°26.63'W, 198-260 m (JB 01a).

Type material location: ZMB, Berlin.

***Stegosoladidus debroyeri* Berge, 2001a**

Berge, 2001a: 562-569, figs. 21-26.

Gutt *et al.*, 2000: 84-87.

Berge, De Broyer & Vader, 2000: 229.

Berge, 2001a: 539-571, figs. 21-26.

Berge & Vader, 2001a: 542.

Distribution:**E**

Weddell Sea: eastern shelf, 72°25.40'S 16°26.63'W, 198-260 m; *Polarstern ANT XIII/3 (EASIZ I)*, sta. 6, 71°31'S 13°34'W, 254-261 m (gear: Agassiz trawl) (JB 01a); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl) (JG *et al.* 00).

Depth range: 198-261 m.

Type-locality: Weddell Sea: eastern shelf, 72°25.40'S 16°26.63'W, 198-260 m (JB 01a).

Type material location: ZMB, Berlin.

***Stegosoladidus ingens* (Chevreux, 1906e)**

Chevreux, 1906e: 22, figs. 12-14. (*Andaniotes ingens*).

Nicholls, 1938: 40. (*Andaniotes ingens*).

Barnard J.L., 1958e: 127. (*Andaniotes ingens*).

Barnard J.L., 1969: 439. (*Euandania ingens*).

Barnard J.L., 1972a: 307, (in key). (*Andaniotes ingens*).

Thurston, 1974b: 70, fig. 28a. (*Andaniotes ingens*).

Lowry & Bullock, 1976: 134. (*Andaniotes ingens*).

Voss, 1988:54. (*Andaniotes ingens*).

Barnard & Karaman, 1991: 678. (*Andaniotes ingens*).

Klages, 1991: 51. (*Andaniotes ingens*).

De Broyer & Jazdzewski, 1993: 89. (*Andaniotes ingens*)

Berge, De Broyer & Vader, 2000: 229.

Berge, 2001a: 569-571.

Berge & Vader, 2001: 542.

Lörz, 2001: 134.

Distribution:**E+W(+Ba)**

Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 518-540 m (GEN 38).

Antarctic Peninsula: *Polarstern ANT XVII/3 (EASIZ III)*, sta. 166-1, 63°01.20'S 59°09.20'W, 679 m (gear: bottom trawl) (ANL 01).

Lars Christensen Coast: 67°20'S 70°21'E, 165 m; 66°48'S 70°24'E, 794 m (JB 01a).

Marguerite Bay: Stonington Island, 64 m (MHT 74b).

Palmer Archipelago: Port Lockroy, Lecuyer Point, Peltier Channel, 18 m (MHT 74b).

Princess Ragnhild Coast: *EABN 1965*, sta. 219, 70°18'S 23°58'E, 216 m (JB *et al.* 00).

Prydz Bay: 68°54.88'S 76°37.03'E, 667 m; 68°56.69'S 73°36.78'E, 786 m (JB 01a).

Ross Sea: 67°24'S 179°54'W, 223-232 m (JB 01a).

South Shetland Islands: 62°38'S 55°45'W, 277 m (JB 01a).

Weddell Sea: 72°53.10'S 19°29.33'W, 421-429 m (JB 01a); *Polarstern ANT XVII/3 (EASIZ III)*, sta. 119-1, 70°50.40'S 10°35.20'W, 266 m; sta. 124-1, 70°50.20'S 10°34.89'W, 269 m (ANL 01).

Wilhelm Archipelago: Booth Island, Port Charcot, 20-40 m (EC 06e).

Depth range: 18-794 m.

Type-locality: Wilhelm Archipelago: Booth Island, Port Charcot, 20-40 m (EC 06e).

Type material location: MNHN, Paris.

Subfamily Andaniopsinae Berge & Vader, 2001a***Andaniopsis integripes* (Bellan-Santini & Ledoyer, 1987)**

Bellan-Santini & Ledoyer, 1987: 421-423, fig. 27. (*Andaniella integripes*).

Barnard & Karaman, 1991: 675. (*Andaniella integripes*).

Branch *et al.*, 1991: 12, 40, fig. on p.12 (*Andaniella integripes*).

De Broyer & Jazdzewski, 1993: 89. (*Andaniella integripes*).

Berge & Vader: 2001: 542. (gen. rem.).

Distribution:**S(+Ba)**

Prince Edward Islands: *Marion Dufresne 08*, sta. 15 BB 88, 46°57.7'S 37°59.9'E, 204 m (bottom/habitat: coarse sand); sta. 25 CP 134, 46°45.3'S 37°56.6'E, 185-232 m (BS&L 87); 510 m (MLB *et al.* 91).

Depth range: 185-510 m.

Type-locality: Prince Edward Islands: *Marion Dufresne 08*, sta. 15 BB 88, 46°57.7'S 37°59.9'E, 204 m (bottom/habitat: coarse sand); sta. 25 CP 134, 46°45.3'S 37°56.6'E, 185-232 m (BS&L 87).

Type material location: MCSN, Verona.

Subfamily Parandaniinae Berge & Vader, 2001a***Parandania boeckii* (Stebbing, 1888)**

Stebbing, 1888: 735, pl. 36. (*Andania boeckii*).

Della Valle, 1893: 628, pl. 59: fig. 36. (*Stegocephalus boeckii*).

Stebbing, 1899d: 206.

Chevreux, 1905b: 7.

Stebbing, 1906: 95, figs. 19, 20.

Walker, 1909b: 330.
 Barnard K.H., 1916: 131.
 Schellenberg, 1926a: 300.
Schellenberg, 1926c: 223, fig. 28c.
Schellenberg, 1931a: 51.
Barnard K.H., 1932: 77, fig. 35.
 Stephensen, 1933b: 22, 69.
 Chevreux, 1935: 66.
 Barnard K.H., 1937: 148.
 Barnard K.H., 1940: 515.
 Shoemaker, 1945a: 194.
 Birstein & Vinogradov, 1955: 239, 279, 284, fig. 32, table 3.
 Schellenberg, 1955: 193.
 Barnard J.L., 1958e: 127.
 Birstein & Vinogradov, 1958: 238, 250, 252, 253.
 Birstein & Vinogradov, 1960: 206, 227, 234.
 Barnard J.L., 1961a: 57, fig. 27.
Birstein & Vinogradov, 1962b: 45.
 Gurjanova, 1962: 382, fig. 132.
 Barnard J.L., 1964d: 320.
 Mills, 1972a: 76, table 1.
 Sanderson, 1973: 44.
 Griffiths, 1974c: 323.
Lowry & Bullock, 1976: 135.
 Thurston, 1976a: 374-376, tab. 2, 3.
Opaliński & Jazdzewski, 1978: 643-655.
Watling & Holman, 1981: 225, fig. 27e.
Opaliński, 1982: 367-373. (phl).
Hopkins, 1985b: 197-212. (eco).
Andres, 1985: 134.
 Moore & Rainbow, 1989: 4-7, figs. 1-2.
Lancraft et al., 1989: 225-233. (eco).
Andres, 1990: 138, fig. 275.
Coleman, 1990a: 1575-1584, figs. 1-5.
Coleman, 1991b: 4-8, figs. 2-3.
Barnard & Karaman, 1991: 679.
Klages, 1991: 51.
 Moore, 1992: 923-924, fig. 6.
De Broyer & Jazdzewski, 1993: 90.
Torres et al., 1994a: 207-219. (eco).
Torres et al., 1994b: 221-232. (eco).
 Vinogradov G.M., 1999: 1168, fig. 4.30.
Berge, De Broyer & Vader, 2000: 223.
 Berge & Vader, 2001a: 544.
Takeuchi et al., 2001: 653-654.
 Lowry & Stoddart, 2003: 254.
 Vinogradov G.M., 2004: 64.

Distribution: **Ant+Sa++(P)**

Bellingshausen quadrant: *Eltanin 5*, sta. 259, 62°00'-14'S 68°01'-14'W, 2615 m; sta. 279, 67°17'-23'S 74°54'-43'W, 681 m (JB *et al.* 00).

Bouvet Island: *Discovery 1925-27*, sta. 114, 52°25'S 09°50'E, 1310-1410 m (gear: tow-net) (KHB 32).

Bransfield Strait: *Polarstern ANT VI/2*, sta. 12/208, 63°05.8'S 61°54.3'W, 1164-1310 m (gear: RMT) (COC 90a); *PAMRE I*, sta. 42, 61°58.61'-62°07.7'S 56°16.7'-56°12.3'W,

0-580 m (JB *et al.* 00).

Drake Passage: *SAE 1955-58, Ob*, sta. 464, 58°11'S 61°00'W, 0-1000 m (bottom: 3527 m; gear: midwater trawl) (B&V 62b).

Enderby Land: 67°43.0'S 39°09.9'E, 3186 m (gear: baited trap) (IT *et al.* 01).

Magellan area: *Swed. South Pol. Exp. 1901-03*, 48°27'S 42°36'W, 500-0 m; 49°56'S 49°56'W, 700-0 m (AS 31a); *Eltanin 5*, sta. 313, 58°00'-57°49'S 70°40'-70°46'W, 802 m (JB *et al.* 00).

Palmer Archipelago: *Hero*, Croker Passage, 64°05'S 62°50'W, 0-1000 m (gear: Tucker midwater trawl) (TLH 85b).

Scotia Sea: area between 57°S 37°W and 61°S 40°30'W, 270-530 m (gear: Tucker midwater trawl) (TML *et al.* 89); 500-1000 m (gear: Tucker midwater trawl, opening-closing plummet net) (JJT *et al.* 94a, b).

Shag quadrant: *Walther Herwig 1975-76*, sta. 25, 53°48'S 48°30'W, 0-200 m (bottom: 4100 m) (HGA 85).

South Georgia: *Discovery 1925-27*, sta. 151, 53°25'S 35°15'W, 1025-1275 m (gear: tow-net) (KHB 32); 53°30'S 37°03'W, 300 m (gear: krill trawl) (O&J 78); *Eltanin 7*, sta. 466, 55°02'-03'S 44°27'-38'W, 3348-3596 m (W&H 81); *Walther Herwig 1975-76*, sta. 27, 54°56'S 40°00'W, 0-210 m (bottom: 3040 m) (HGA 85); *Eltanin 9*, sta. 738, 53°12'-21'S 37°54'-38°13'W, 778-0 m; sta. 683, 55°13'-03'S 38°20'46'W, 1867-0 m (JB *et al.* 00).

South Shetland Islands: *Discovery 1925-27*, sta. 208, off Livingston Island, 0-800 m (gear: young fish trawl) (KHB 32); *Walther Herwig 1975-76*, sta. 168, 61°30'S 55°00'W, 400-600 m (bottom/habitat: 600-900 m); *Walther Herwig 1977-78*, sta. 78, 62°45'S 59°29'W, 10-600 m (bottom/habitat: 1400 m); sta. 191, 63°25'S 64°36'W, 0-835 m (bottom/habitat: 950 m); sta. 196, 63°05'S 60°03'W, 0-830 m (bottom/habitat: 850 m); sta. 198, 62°40'S 58°43'W, 0-730 m (bottom/habitat: 1500 m); sta. 202, 62°35'S 58°05'W, 0-1000 m (bottom/habitat: 1700 m); sta. 245, 61°08'S 57°21'W, depth? (bottom/habitat: 3200 m); sta. 412, 62°28'S 57°38'W, 0-1200 m (bottom: 1940 m) (HGA 85).

Southern Ocean, Atlantic Sector: 55°20'S 05°16'E, 0-2000 m; 48°27'S 42°36'W, 0-500 m; 49°56'S 49°56'W, 0-700 m (AS 26c).

Southern Ocean, Indian Sector: 55°27'S 28°59'E, 0-1000 m (AS 26c); *SAE 1955-58, Ob*, sta. 36, 62°55'S 118°52'E, 0-3700 m (bottom: 3741 m; gear: plankton net) (B&V 62b).

Southern Ocean, Pacific Sector: *SAE 1955-58, Ob*, sta. 401, 60°15'S 135°06'W, 0-2500 m (bottom: 3993 m; gear: midwater trawl); sta. 413, 58°58'S 109°28'W, 2180 m (bottom: 4950 m; gear: plankton net); sta. 415, 55°18'S 109°20'W, 0-1200 m (bottom: 3893 m; gear: plankton net); sta. 416, 53°15'S 109°30'W, 0-500 m (bottom: 3459 m; gear: midwater trawl) (B&V 62b).

Depth range: 0-3700 m. (meso- to bathypelagic).

Type-locality: Brazil: *Challenger 1873-76*, sta. 120, off Parnambuco, 8°37'S 34°28'W, 1235 m (bottom: mud; gear: trawl) (TRS 88).

Extralimital distribution: Panoceanic.

Extralimital depth range: 0-3700 m. (meso- to

bathypelagic).

Type material location: NHM, London.

Remarks: possibly benthopelagic, if single record in baited traps is confirmed.

***Parandania gigantea* (Stebbing, 1883)**

Stebbing, 1883: 206. (*Andania gigantea*).

Stebbing, 1885: 619, fig. 207. (*Andania gigantea*).

Stebbing, 1888: 730, pl. 35. (*Andania gigantea*).

Della Valle, 1893: 628, pl. 59: fig. 37. (*Stegocephalus giganteus*).

Stebbing, 1899d: 206. (*Euandania gigantea*).

Stebbing, 1906: 97. (*Euandania gigantea*).

Walker, 1907: 18. (*Euandania gigantea*).

Barnard K.H., 1932: 80. (*Euandania gigantea*).

Shoemaker, 1945a: 194. (*Euandania gigantea*).

Schellenberg, 1955: 193. (*Euandania gigantea*).

Barnard J.L., 1958e: 127. (*Euandania gigantea*).

Birstein & Vinogradov, 1960: 206, 227, 232, 234. (*Euandania gigantea*).

Barnard J.L., 1961a: 57. (*Euandania gigantea*).

Birstein & Vinogradov, 1962b: 45. (*Euandania gigantea*).

Thurston & Allen, 1969: 374.

Mills, 1972a: 77, table 1. (*Euandania gigantea*).

Lowry & Bullock, 1976: 135. (*Euandania gigantea*).

Watling & Holman, 1981: 223-224, fig. 27a-d. (*Euandania gigantea*).

Barnard & Karaman, 1991: 679. (*Euandania gigantea*).

De Broyer & Jazdzewski, 1993: 90. (*Euandania gigantea*).

Torres et al., 1994a: 207-219. (eco).

Vinogradov G.M., 1999: 1168. (*Euandania gigantea*).

Berge, De Broyer & Vader, 2000: 223. (*Euandania gigantea*).

Berge & Vader, 2001a: 544. (gen. rem.).

Takeuchi et al., 2001: 653-654. (*Euandania gigantea*).

Distribution: E+S++(Ba+Ab)(+P)

Enderby Land: 67°43.0'S 39°09.9'E, 3186 m (gear: baited trap) (IT et al. 01).

Prince Edward Islands: *Challenger 1873-76*, sta. 146, near Marion Island, 46°46'S 45°31'E, 2475 m (bottom/habitat: *Globigerina* ooze; gear: trawl); sta. 147, east of Marion Island, 46°16'S 48°27'E, 2880 m (bottom/habitat: diatom ooze; gear: trawl) (TRS 88).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay (AOW 07).

Scotia Sea: *Eltanin 9*, sta. 720, 56°05'-07'S 34°00'-03'W, 2818-2873 m (W&H 81); 0 m (gear: Tucker midwater trawl) (JJT et al. 94a).

South Georgia: *Islas Orcadas 575*, sta. 6, 51°02.2'S 42°47.6'W, 1480-1545 m (W&H 81).

Southern Ocean, Indian Sector: *SAE 1955-58, Ob*, sta. 285, 59°29'S 90°07'E, 0-3195 m (bottom: 4511 m; gear: ring trawl) (B&V 62b).

Southern Ocean, Pacific Sector: *SAE 1955-58, Ob*, sta. 57, 64°03'S 161°59'E, 0-3000 m (bottom: 3000 m; gear: plankton

net); sta. 383, 66°03'S 160°08'W, 0-2200 m (bottom: 3924 m; gear: midwater trawl); sta. 401, 60°15'S 135°06'W, 0-2500 m (bottom: 3993 m; gear: midwater trawl) (B&V 62b); Bellingshausen quadrant: *Eltanin 10*, sta. 862, 61°17'-26'S 78°55'-57'W, 4575 m (W&H 81).

Depth range: 1480-4575 m (P: 0-3195 m).

Type-locality: Prince Edwards Islands: *Challenger 1873-76*, sta. 146, near Marion Island, 46°46'S 45°31'E, 2475 m (bottom/habitat: *Globigerina* ooze; gear: trawl); sta. 147, east of Marion Island, 46°16'S 48°27'E, 2880 m (bottom/habitat: diatom ooze; gear: trawl) (TRS 88).

Extralimital distribution: Atlantic (south and north-west; Gulf of Guinea; South Africa) and Pacific (Kermadec Trench) Oceans.

Extralimital depth range: bathypelagic.

Type material location: NHM, London.

Remarks: The occurrence in bottom trawl and baited trap catches suggests a benthopelagic distribution.

***Parandania nonhiata* (Andres, 1985)**

Andres, 1985: 132-133, figs. 15e-n, 16-17. (*Euandania nonhiata*).

Barnard & Karaman, 1991: 679. (*Euandania nonhiata*).

De Broyer & Jazdzewski, 1993: 90. (*Euandania nonhiata*).

Berge, De Broyer & Vader, 2000: 223, fig.3. (*Euandania nonhiata*).

Berge & Vader, 2001: 544. (gen. rem.).

Distribution: An(P)

Drake Passage: *Eltanin 5*, sta. 259, 62°00'-62°14'S 68°01'-68°14'W, 2615 m; sta. 279, 67°17'-67°23'S 74°54'-74°43'W, 618 m (JB et al. 00).

South Shetland Islands: *Walther Herwig 1977-78*, sta. 191, 63°25'S 64°36'W, 0-835 m (bottom: 950 m; gear: RMT) (HGA 85).

Depth range: P: 0-2615 m. (meso- to bathypelagic?).

Type-locality: South Shetland Islands: *Walther Herwig 1977-78*, sta. 191, 63°25'S 64°36'W, 0-835 m (bottom: 950 m; gear: RMT) (HGA 85).

Type material location: ZMH, Hamburg.

Subfamily Stegocephalinae Dana, 1853

***Austrophippisia unihamata* (Berge & Vader, 2000)**

Berge & Vader, 2000: 158- 166, figs. 9-12. (*Phippsia unihamata*).

Berge, De Broyer & Vader, 2000: 225. (*Phippsia unihamata*).

Berge & Vader, 2001: 549. (gen. rem.).

Distribution: E

Enderby Land: 66°S 49°E (JB&V 00).

Weddell Sea: 72°25.4'S 16°26.63'W, 198-260 m; 72°27.28'S 17°32.94'W, 455-473 m; 72°53.1'S 19°29.33'W, 421-429 m (JB&V 00).

Depth range: 198-473 m.

Type-locality: Weddell Sea: 72°25.4'S 16°26.63'W, 198-260 m (JB&V 00).

Type material location: ZMB, Berlin.

***Pseudo vanhoeffeni* (Schellenberg, 1926a)**

Schellenberg, 1926a: 299. (*Stegocephaloides vanhoeffeni*).

Barnard K.H., 1930: 328, fig. 6. (*Stegocephaloides vanhoeffeni*).

Barnard J.L., 1958e: 127. (*Stegocephaloides vanhoeffeni*).

Barnard J.L., 1967a: 148. (*Stegocephaloides vanhoeffeni*).

Lowry & Bullock, 1976: 136. (*Stegocephaloides vanhoeffeni*).

Barnard & Karaman, 1991: 682. (*Stegocephalopsis vanhoeffeni*). (quest. genus).

Klages, 1991: 51. (*Stegocephaloides vanhoeffeni*).

De Broyer & Jazdzewski, 1993: 90. (?*Stegocephalopsis vanhoeffeni*)

Berge & Vader, 2000: 166-170, figs. 13-15. (*Phippsia vanhoeffeni*).

Berge, De Broyer & Vader, 2000: 225. (*Phippsia vanhoeffeni*).

Berge & Vader, 2001a: 550-551. (*Schellenbergia vanhoeffeni*).

Lowry & Stoddart, 2003: 254. (*Schellenbergia vanhoeffeni*).

Berge & Vader, 2004: 1710.

Distribution: E+

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Oates Coast: *Terra Nova 1910*, sta. 194, 329-366 m (KHB 30).

Weddell Sea: eastern shelf (MK 91).

Depth range: 329-385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Extralimital distribution: Australia, Victoria, south of Point Hicks, 38°21.90'S 149°20.00'E, 1000 m (JB&V 00)

Extralimital depth range: 1000 m.

Type material location: ZMB, Berlin.

***Pseudo sp. 1* Berge & Vader, 2004**

Berge & Vader, 2004: 1710-1712, figs. 1-2.

Distribution: E

Weddell Sea: *Polarstern ANT XIX/4 (ANDEEP II)*, sta. 133, 65°20'23"S 54°12'65"W, 1166 m (bottom/habitat: greenish gray silty sand; gear: epibenthic sledge)

Depth range: 1166 m.

***Pseudo sp. 2* Berge & Vader, 2004**

Berge & Vader, 2004: 1712-1713, figs. 3-4.

Distribution: E

Ross Sea: *Eltanin 32*, sta. 1996, Victoria Land, east of Cape Hallett, Moubray Bay, 72°05'S 172°08'-09'E, 348-352 m (gear: Blake trawl) (B&V 04).

Depth range: 348-352 m.

***Stegocephalina pacis* (Bellan-Santini & Ledoyer, 1974)**

Bellan-Santini & Ledoyer, 1974: 696, pls. 35, 36. (*Steghippsiella pacis*).

Arnaud, 1974: 553, table 17 (eco). (*Steghippsiella pacis*).

Lowry & Bullock, 1976: 136. (*Steghippsiella pacis*).

Barnard & Karaman, 1991: 682. (*Steghippsiella pacis*).

? Rauschert, 1991: 38. (*Steghippsiella pacis*).

De Broyer & Jazdzewski, 1993: 90. (*Steghippsiella pacis*).

Berge, De Broyer & Vader, 2000: 229. (*Steghippsiella pacis*).

Berge & Vader, 2001: 551. (gen. rem.).

Distribution: ?W+S

Iles Kerguelen: Fjord Bossière, 1-2 m; Golfe du Morbihan, Anse Joliette, 10-54 m (BS&L 74).

? **South Shetland Islands:** King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 1-54 m.

Type-locality: Iles Kerguelen: Fjord Bossière, 1-2 m; Golfe du Morbihan, Anse Joliette, 10-54 m (BS&L 74).

Type material location: MCSN, Verona.

***Stegocephalina wolf* Berge & Vader, 2004a**

Berge & Vader, 2004a: 1-11, figs. 5-7.

Distribution: S

Heard Island: *Aurora Australis 1990*, sta. 65, 52°18'S 73°45'E, 245 m (bottom/habitat: sample taken from a sponge) (B&V 04).

Depth range: 245 m.

Type-locality: Heard Island: *Aurora Australis 1990*, sta. 65, 52°18'S 73°45'E, 245 m (bottom/habitat: sample taken from a sponge) (B&V 04).

Type material location: SAMA, Adelaide.

***Stegocephalus kergueleni* (Schellenberg, 1926a)**

Schellenberg, 1926a: 220, fig. 14. (*Phippsiella kergueleni*).

Barnard J.L., 1958e: 127. (*Phippsiella kergueleni*).

Barnard J.L., 1967a: 145. (*Phippsiella kergueleni*).

Lowry & Bullock, 1976: 136. (*Phippsiella kergueleni*).

Barnard & Karaman, 1991: 680. (*Phippsiella kergueleni*).

De Broyer & Jazdzewski, 1993: 90. (*Phippsiella kergueleni*).

Berge, De Broyer & Vader, 2000: 226. (*Phippsiella kergueleni*).

Berge & Vader, 2001: 552-553. (gen. rem.).

Distribution: S
Iles Kerguelen: Baie de Rhodes, Gazelle Harbour, 18 m (AS 26a).
Depth range: 18 m.
Type-locality: Iles Kerguelen: Baie de Rhodes, Gazelle Harbour, 18 m (AS 26a).
Type material location: ZMB, Berlin.

Stegocephalus rostrata K.H. Barnard, 1932

Barnard K.H., 1932: 76, fig. 33. (*Phippsiella rostrata*).
 Barnard J.L., 1958e: 127. (*Phippsiella rostrata*).
 Barnard J.L., 1967a: 146. (*Phippsiella rostrata*).
 Thurston & Allen, 1969: 375. (*Phippsiella rostrata*).
 Lowry & Bullock, 1976: 136. (*Phippsiella rostrata*).
 Barnard & Karaman, 1991: 680. (*Phippsiella rostrata*).
 De Broyer & Jazdzewski, 1993: 90. (*Phippsiella rostrata*).
 Berge, De Broyer & Vader, 2000: 226. (*Phippsiella rostrata*).
 Berge *et al.*, 2001: 121-124, figs. 20-21. (*Phippsiella rostrata*).
 Berge & Vader, 2001: 553. (gen. rem.).

Distribution: G
South Georgia: *Discovery 1925-27*, sta. 158, 53°48'S 35°57'W, 401-411 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).
Depth range: 401-411 m.
Type-locality: South Georgia: *Discovery 1925-27*, sta. 158, 53°48'S 35°57'W, 401-411 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).
Type material location: NHM, London.

Stegomorpha watlingi (Berge, De Broyer & Vader, 2000).

Berge, De Broyer & Vader, 2000: 228, 231; figs. 4-5. (*Phippsiella watlingi*).
 Berge & Vader, 2001: 554 (gen. rem.).

Distribution: E(Ba)
Weddell Sea: *Polarstern ANT VII/4 (EPOS III)*, sta. 252, 74°28'S 29°42'W, 1153 m (JB *et al.* 00).
Depth range: 1153 m.
Type-locality: Weddell Sea: *Polarstern ANT VII/4 (EPOS III)*, sta. 252, 74°28'S 29°42'W, 1153 m (JB *et al.* 00).
Type material location: IRScNB, Brussels.

Tetradeion crassum (Chilton, 1883)

Chilton, 1883: 80. (*Cyproidea crassa*).
 Stebbing, 1899a: 207. (*Tetradeion crassum*).
 Stebbing, 1906: 157.
 Chilton, 1924a: 631.
 Barnard K.H., 1930: 329.
 Hurley, 1955b: 197.
 Barnard J.L., 1972b: 155.

Barnard & Karaman, 1991: 683.
 Berge & Vader 2000: 171-172, fig. 16.
 Berge, De Broyer & Vader, 2000: 232.
 Berge & Vader, 2001: 555.

Distribution: S+M+
Auckland Island: *Eltanin 16*, sta. 1425, 50°52'S 166°42'E, 125-139 m (JB&V 00).
Magellan area: east to Burdwood Bank, *Eltanin 22*, sta. 1593, 54°43'S 56°37'W, 339-357 m (JB&V 00).
Depth range: 125-357 m.
Type-locality: New Zealand: Lyttelton Harbour (TRS 99a)
Extralimital distribution: New Zealand, Lyttelton Harbour (TRS 99a); *Terra Nova 1910*, sta. 135, North Cape (KHB 30).
Extralimital depth range: 3 m.
Type material location: NHM, London.

Family STENOTHOIDAE Boeck, 1871b

Subfamily Stenothoinae Boeck, 1871b
 [Krapp-Schickel, 2006]

Aurometopa aurorae (Nicholls, 1938)

Nicholls, 1938: 49, fig. 26. (*Metopoides aurorae*).
 Ruffo, 1949: 13. (*Proboloides aurorae*).
 Barnard J.L., 1958e: 131. (*Proboloides aurorae*).
 Barnard J.L., 1972b: 157. (*Proboloides aurorae*).
 Lowry & Bullock, 1976: 141. (*Proboloides aurorae*).
 Lowry, 1982: 320. (*Metopoides aurorae*).
 Barnard & Karaman, 1991: 689.
 De Broyer & Jazdzewski, 1993: 91.

Distribution: S
Macquarie Island: North End (GEN 38).
Depth range:
Type-locality: Macquarie Island: North End (GEN 38).
Type specimen location: Types lost (Lowry, 1982).

Mesoproboloides cornuta (Schellenberg, 1926a)

Schellenberg, 1926a: 316, fig. 37. (*Metopella cornuta*).
 Barnard J.L., 1958e: 128.
 Lowry & Bullock, 1976: 136.
 Barnard & Karaman, 1991: 692.
 De Broyer & Jazdzewski, 1993: 91.
 De Broyer & Rauschert, 1999: 286, table 1.

Distribution: E
Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).
Depth range: 385 m.
Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).
Type specimen location: ZMB, Berlin.

***Mesoproboloides similis* (Schellenberg, 1926a)**

Schellenberg, 1926a: 314, fig. 36. (*Metopella similis*).
 Barnard J.L., 1958e: 128.
 Lowry & Bullock, 1976: 137.
 Barnard & Karaman, 1991: 692.
 Klages, 1991: 51.
 De Broyer & Jazdzewski, 1993: 91.

Distribution:**E**

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Weddell Sea: eastern shelf (MK 91).

Depth range: 385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Mesoproboloides spinosa* Bellan-Santini & Ledoyer, 1974**

Bellan-Santini & Ledoyer, 1974: 696, pl. 37A.
 Arnaud, 1974: 553, 547, table 17. (eco).
 Lowry & Bullock, 1976: 137.
 Wakabara *et al.*, 1990: 2, 4, 6.
 Barnard & Karaman, 1991: 692.
 De Broyer & Jazdzewski, 1993: 91.

Distribution:**W+S**

Iles Kerguelen: Port-aux-Francais, 1-3 m; Golfe du Morbihan, Ile Pender, 50 m (BS&L 74).

South Shetland Islands: 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90).

Depth range: 1-88 m.

Type-locality: Iles Kerguelen: 0-50 m (BS&L 74).

Type specimen location: MCSN, Verona.

***Metopoides clavata* Schellenberg, 1931a**

Schellenberg, 1931a: 103, fig. 55.
 Barnard K.H. 1932: 109. (*Proboloides typica*, in part).
 Ruffo, 1949: 13. (*Proboloides clavatus*).
 Barnard J.L., 1958e: 131. (*Proboloides clavata*).
 Barnard J.L., 1969c: 447, (by implication). (*Metopoides clavata*).
 Lowry & Bullock, 1976: 137.
 Barnard & Karaman, 1991: 694.
 De Broyer & Jazdzewski, 1993: 91.
 Andres, 1995: 356.

Distribution:**G**

Shag Rocks: 53°34'S 43°23'W, 160 m (bottom/habitat: sand, gravel) (AS 31a).

South Georgia: off mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a); *Discovery 1925-27*, sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. 123,

off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk) (KHB 32).

Depth range: 120-310 m.

Type-locality: Shag Rocks: 53°34'S 43°23'W, 160 m (bottom/habitat: sand, gravel) (AS 31a).

South Georgia: off mouth of Cumberland Bay, 250-310 m (bottom/habitat: greyish clay, stones) (AS 31a).

Type specimen location: NRS, Stockholm

***Metopoides crassa* Schellenberg, 1931a**

Schellenberg, 1931a: 99, fig. 53. (*Metopoides crassa*).
 Ruffo, 1949: 13. (*Proboloides crassus*).
 Barnard J.L., 1958e: 131. (*Proboloides crassa*).
 Barnard J.L., 1969c: 447, (by implication). (*Metopoides crassa*).
 Lowry & Bullock, 1976: 138.
 Barnard & Karaman, 1991: 694.
 Rauschert, 1991: 38. (*Metopoides cf. crassus*).
 De Broyer & Jazdzewski, 1993: 92.

Distribution:**W+M**

Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91)

Depth range: 197 m.

Type-locality: Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

Type specimen location: NRS, Stockholm.

***Metopoides curvipes* Schellenberg, 1926a**

Schellenberg, 1926a: 322, fig. 40.
 Ruffo, 1949: 13. (*Proboloides curvipes*).
 Barnard J.L., 1958e: 131. (*Proboloides curvipes*).
 Lowry & Bullock, 1976: 141. (*Proboloides curvipes*).
 Barnard & Karaman, 1991: 694.
 De Broyer & Jazdzewski, 1993: 92.

Distribution:**E**

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Depth range: 385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Metopoides elliptica* Schellenberg, 1931a**

Schellenberg, 1931a: 106, fig. 57.
 Ruffo, 1949: 13. (*Proboloides ellipticus*).
 Barnard J.L., 1958e: 131. (*Proboloides elliptica*).

Lowry & Bullock, 1976: 142. (*Probolooides ellipticus*).
Barnard & Karaman, 1991: 694.
De Broyer & Jazdzewski, 1993: 92.

Distribution:**G**

South Georgia: off Grytviken, 24-52 m (bottom/habitat: greyish clay, algae) (AS 31a).
Depth range: 24-52 m.
Type-locality: South Georgia: off Grytviken, 24-52 m (bottom/habitat: greyish clay, algae) (AS 31a).
Type specimen location: NRS, Stockholm.

Metopoides heterostylis Schellenberg, 1926a

Schellenberg, 1926a: 320, fig. 39.
Nicholls, 1938: 48, fig. 25.
Ruffo, 1949: 13. (*Probolooides heterostylis*).
Barnard J.L., 1958e: 131. (*Probolooides heterostylis*).
Barnard J.L., 1969c: 447. (by implication).
Bellan-Santini, 1972a: 231.
Arnaud, 1974: 562, table 20. (eco). (*Metopoides* cf. *heterostylis*).
Lowry & Bullock, 1976: 138.
Lowry, 1982: 320.
Barnard & Karaman, 1991: 694.
De Broyer & Jazdzewski, 1993: 92.

Distribution:**E**

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 45 m (GEN 38); Géologie Archipelago, 31 m (DBS 72a).
Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).
Depth range: 31-385 m.
Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).
Type specimen location: ZMB, Berlin.

Metopoides lanceolatus Rauschert, 1990a

Rauschert, 1990a: 19-22, pl. 5: figs.1-21.
Rauschert, 1991: 38.

Distribution:**W**

South Shetland Islands: King George Island, Fildes Strait, sta. 30/41, 40-50 m; 30/13, 35 m; 30/4, 30-40m (gear: SCUBA, Van Veen grab, dredge) (MR 90a); 62°11'-14'S 58°52'-58'W (MR 91).
Depth range: 30-50 m.
Type-locality: South Shetland Islands: King George Island, Fildes Strait, sta. 30/13, 35 m; sta. 30/41, 30-50 m (gear: SCUBA, Van Veen grab, dredge) (MR 90a).
Type specimen location: ZMB, Berlin.

Metopoides latus Rauschert, 1990a

Rauschert, 1990a: 22-26, pl. 6: figs. 1-22. (*Metopoides lata*).
Rauschert, 1991: 38.

Distribution:**W**

South Shetland Islands: King George Island, Fildes Peninsula, sta. 30/13, 35 m, sta. 26/47, 20-30 m (gear: SCUBA, Van Veen grab, dredge) (MR 90a); 62°11'-14'S 58°52'-58'W (MR 91).
Depth range: 20-35 m.
Type-locality: South Shetland Islands: King George Island, Fildes Peninsula, sta. 30/13, 35 m, sta. 26/47, 20-30 m (gear: SCUBA, Van Veen grab, dredge) (MR 90a);
Type specimen location: ZMB, Berlin.

Metopoides leptomanus Rauschert, 1990a

Rauschert, 1990a: 32-35, pl. 9: figs.1-18. (*Metopoides leptomana*).
Barnard K.H., 1930: 339. (*Probolooides typica*).
Rauschert, 1991: 38.
Andres, 1995: 356.

Distribution:**E+W**

South Shetland Islands: King George Island, Fildes Strait, sta. 30/13, 15-20 m, sta. 30/25, 35m (gear: SCUBA, Van Veen grab, dredge) (MR 90a); 62°11'-14'S 58°52'-58'W (MR 91).
Ross Sea: *Terra Nova 1910*, sta. 331, McMurdo Sound, 457 m (KHB 30).
Depth range: 15-457 m.
Type-locality: South Shetland Islands: King George Island, Fildes Strait, sta. 30/13, 15-20 m (gear: SCUBA, Van Veen grab, dredge) (MR 90a).
Type specimen location: ZMB, Berlin.

Metopoides longicornis Schellenberg, 1931a

Schellenberg, 1931a: 105, fig. 56.
Ruffo, 1949: 13. (*Probolooides longicornis*).
Barnard J.L., 1958e: 131. (*Probolooides longicornis*).
Barnard J.L., 1969c: 447. (by implication).
Lowry & Bullock, 1976: 138.
Barnard & Karaman, 1991: 694.
Gonzalez, 1991a: 62.
De Broyer & Jazdzewski, 1993: 92.

Distribution:**M**

Burdwood Bank: 53°45'S 61°10'W, 140-150 m (AS 31a).
Magellan area: Chiloe Island, Golfo Corcovado (EG 91a).
Falkland Islands: Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae) (AS 31a).
Depth range: 16-150 m.
Type-locality: Burdwood Bank: 53°45'S 61°10'W, 140-150 m; Falkland Islands: Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae) (AS 31a).
Type specimen location: NRS, Stockholm.

***Metopoides macrocheir* Schellenberg, 1926a**

Schellenberg, 1926a: 318, fig. 38.
 Ruffo, 1949: 13. (*Probolooides macrocheir*).
 Barnard J.L., 1958e: 131. (*Probolooides macrocheir*).
 Barnard J.L., 1969c: 447. (by implication).
 Lowry & Bullock, 1976: 139.
 Barnard & Karaman, 1991: 694.
 Klages, 1991: 51.
 De Broyer & Jazdzewski, 1993: 92.

Distribution:**E**

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Weddell Sea: eastern shelf (MK 91).

Depth range: 385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Metopoides magellanica* (Stebbing, 1888)**

Stebbing, 1888: 756, pl. 41. (*Metopa magellanica*).
 Della Valle, 1893: 644. (*Metopa magellanica*).
 Stebbing, 1906: 185.
 Schellenberg, 1931a: 96. (*Metopoides magellanica*).
 Ruffo, 1949: 13. (*Probolooides magellanicus*).
 Barnard J.L., 1958e: 131. (*Probolooides magellanica*).
 Barnard J.L., 1969c: 447. (by implication). (*Metopoides magellanica*).
 Lowry & Bullock, 1976: 139.
 Barnard & Karaman, 1991: 694.
 Gonzalez, 1991a: 63.
 De Broyer & Jazdzewski, 1993: 92.
 De Broyer & Rauschert, 1999: 286, table 1.

Distribution:**G+M**

Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m, (bottom/habitat: sand; gear: trawl) (TRS 88); 55°10'S 66°15'W, 100 m (bottom/habitat: coarse gravel, shells) (AS 31a); Estrecho de Magallanes (EG 91a).

South Georgia: off Grytviken, 30-95 m (AS 31a).

Depth range: 30-101 m.

Type-locality: Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m, (bottom/habitat: sand; gear: trawl) (TRS 88).

Type specimen location: NHM, London.

***Metopoides sarsi* (Pfeffer, 1888)**

Pfeffer, 1888: 84, pl. 2: figs. 3, 8, pl. 3: fig. 2. (*Metopa sarsii*).
 Della Valle, 1893: 645. (*Metopa sarsii*).
 Stebbing, 1906: 190. (*Probolooides sarsii*).
 Chevreux, 1906a: 37, fig. 1. (*Metopoides walkeri*).
 Chevreux, 1906e: 28, figs. 15-17. (*Metopoides walkeri*).
 Chilton, 1912a: 479, pl. 1: fig. 10. (*Metopoides sarsii*).

Chevreux, 1913c: 109. (*Metopoides walkeri*).
 Chilton, 1913: 55.
 Schellenberg, 1931a: 96. (*Metopoides sarsii*).
 Non Stephensen, 1947a: 46, fig. 18. (*Metopoides ?sarsii* = *Probolooides* sp.).
 Ruffo, 1949: 13. (*Probolooides sarsii*).
 Barnard J.L., 1958e: 131. (*Probolooides sarsi*).
 Barnard J.L., 1969c: 447. (by implication).
 Castellanos, 1973: 13. (eco). (*Metopoides walkeri*).
 Arnaud, 1974: 565. (eco). (*Probolooides sarsi*).
 Arnaud, 1974: 565. (eco). (*Metopoides walkeri*).
 Bellan-Santini & Ledoyer, 1974: 696, pl. 38a. (*Metopoides sarsii*).
 Thurston, 1974a: 27. (*Probolooides sarsi*).
 Thurston, 1974b: 71.
 Lowry & Bullock, 1976: 139-140.
 Barnard & Karaman, 1991: 694.
 Rauschert, 1991: 38.
 Jazdzewski *et al.*, 1992: 466-467.
 De Broyer & Jazdzewski, 1993: 92.

Distribution:**W+G+S**

Iles Crozet: Ile de la Possession, Crique du Navire (BS&L 74).

Danco Coast: Paradise Harbour, 'Point Vidt', low tide (ZJC 73).

Palmer Archipelago: Port Lockroy, 20-30 m (KS 47a); Goudier Island, 1 m (MHT 74b).

South Georgia: South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88); Cumberland Bay, 1-2 m (bottom/habitat: stones, algae); off Grytviken, 12-15 m (bottom/habitat: sand, algae) (AS 31a).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, shore pools (CC 12a); Signy Island, Borge Bay, littoral-20 m (MHT 74a).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91)

Trinity Peninsula: Hope Bay, 37-55 m, Grunden Rock, low tide (MHT 74b).

Wilhelm Archipelago: Booth Island; Petermann Island, 3 m (EC 13c).

Depth range: 0-30 m.

Type-locality: South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88).

Type specimen location: ZMH, Hamburg.

***Metopoides* sp.1 Bellan-Santini & Ledoyer, 1974**

Bellan-Santini & Ledoyer, 1974: 698, pl. 38b. (*Metopoides* sp.).
 Lowry & Bullock, 1976: 140. (*Metopoides* sp.).
 Barnard & Karaman, 1991: 694. (*Metopoides* sp.).
 De Broyer & Jazdzewski, 1993: 92.

Distribution:**S**

Iles Kerguelen: Golfe du Morbihan, 15 m (bottom/habitat: muddy sand; gear: dredge); Bras Karl Luyken, 30 m; Port Douzième, littoral; Fjord Bossière, 0-5 m (BS&L 74).
Depth range: 0-30 m.

***Metopoides* sp.2 Jazdzewski et al., 1992**

Jazdzewski et al., 1992: 466-467. (*Metopoides* sp.).
De Broyer & Jazdzewski, 1993: 92.

Distribution: **W**
South Shetland Islands: King George Island, Admiralty Bay (KJ et al. 92).
Depth range:

***Metopoides typicaminus* Andres, 1995**

Andres, 1995: 357-361, figs.: 1-23.
Barnard K.H., 1932: 109, fig. 57. (*Proboloides typica*, in part)

Distribution: **G**
South Georgia: *Discovery* 1925-27, sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl) (KHB 32).
Depth range: 120-204 m.
Type-locality: South Georgia: *Discovery* 1925-27, sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl) (KHB 32).
Type specimen location: NHM, London.

***Paraprobolisca leptopoda* Ren, 1991**

Ren, 1991 in Ren & Huang, 1991: 289-290, 320-321, fig. 63.
De Broyer & Jazdzewski, 1993: 92.

Distribution: **W**
South Shetland Islands: King George Island, littoral zone (bottom/habitat: from seaweed) (R&H 91).
Depth range: 0 m.
Type-locality: South Shetland Islands: King George Island, littoral zone (bottom/habitat: from seaweed) (R&H 91).
Type specimen location: IOQ, Qingdao.

***Probolisca elliptica* (Schellenberg, 1931a)**

Schellenberg, 1931a: 108, figs. 58, 59. (*Metopella elliptica*).
Barnard J.L., 1958e: 130.
Lowry & Bullock, 1976: 140.
Bellan-Santini & Ledoyer, 1987: 424-425, fig. 28. (*Proboloides elliptica*).
Barnard & Karaman, 1991: 695.
Branch et al., 1991: 11-12, fig. on p.12.
Gonzalez, 1991a: 63.
De Broyer & Jazdzewski, 1993: 92.

De Broyer & Rauschert, 1999: 286, table 1.
Chiesa et al., 2005: 170.

Distribution: **G+S+M**
Falkland Islands: Port Albemarle, 18-40 m (bottom/habitat: sand); Port William, 22 m (bottom/habitat: sand) (AS 31a).
Magellan area: Canal Beagle, 55°10'S 66°15'W, 100 m (bottom/habitat: shells) (AS 31a); southern Tierra del Fuego, Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC et al. 05).
Prince Edward Islands: *Marion Dufresne* 08, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 21 DC 117, 46°52.9'S 37°52.9'E, 50 m (bottom/habitat: with *Macrocystis*); sta. 34 BB 168, 46°50.2'S 37°51.2'E, 110 m (bottom/habitat: compact mud) (BS&L 87).
South Georgia: off Grytviken, 24-52 m (bottom/habitat: greyish clay, algae) (AS 31a).
Depth range: 15-110 m.
Type-locality: Falkland Islands: Port Albemarle, 18-40 m (bottom/habitat: sand); Port William, 22 m (bottom/habitat: sand); Magellan area: Canal Beagle, 55°10'S 66°15'W, 100 m (bottom/habitat: shells); South Georgia: off Grytviken, 24-52 m (bottom/habitat: greyish clay, algae) (AS 31a).
Type specimen location: NRS, Stockholm.

***Probolisca nasutigenes* (Stebbing, 1888)**

Stebbing, 1888: 753, pl. 40. (*Metopa nasutigenes*).
Della Valle, 1893: 637. (*Metopa nasuta*, in part).
Stebbing, 1906: 183. (*Metopella nasutigenes*).
Barnard J.L., 1958e: 130. (*Metopella nasutigenes*).
Barnard J.L., 1962c: 142.
Barnard J.L., 1964c: 70.
Barnard J.L., 1969c: 447.
Mills, 1972a: 75, table 1.
Arnaud, 1974: 547. (eco).
Bellan-Santini & Ledoyer, 1974: 698.
Lowry & Bullock, 1976: 140.
Barnard & Karaman, 1991: 695.
Gonzalez, 1991: 63.
De Broyer & Jazdzewski, 1993: 93.
De Broyer & Rauschert, 1999: 287, table 1.
Chiesa et al., 2005: 170.

Distribution: **S+M**
Iles Kerguelen: *Challenger* 1873-76, sta. 149H, Baie de Recques [Cumberland Bay], 232 m (bottom/habitat: volcanic mud; gear: dredge) (TRS 88); Golfe du Morbihan, Ile Pender, 50 m (BS& 74).
Magellan area: southern Tierra del Fuego, Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC et al. 05).

Depth range: 15-229 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149H, Baie de Recques [Cumberland Bay], 232 m (bottom/habitat: volcanic mud; gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Probolisca ovata* (Stebbing, 1888)**

Stebbing, 1888: 764, pl. 44. (*Metopa ovata*).

Della Valle, 1893: 645. (*Metopa ovata*).

Stebbing, 1906: 183, figs. 47, 48. (*Metopella ovata*).

Chilton, 1912a: 481. (*Metopella ovata*).

Stebbing, 1914b: 358. (*Metopella ovatus*).

? Chilton, 1923a: 241. (questioned by Barnard J.L., 1972b). (*Metopella ovata*).

Schellenberg, 1928a: 313, (*Metopella ovata*), (in part).

Schellenberg, 1926b: 195. (*Metopella ovata*).

Stephensen, 1927e: 309. (*Metopella ovata*).

Schellenberg, 1931a: 108. (*Metopella ovata*).

Barnard K.H., 1932: 108. (*Metopella ovata*).

Gurjanova, 1938b: 279, 388.

Nicholls, 1938: 48. (*Metopella ovata*).

Stephensen, 1938c: 237. (*Metopella ovata*).

Stephensen, 1947a: 46. (*Metopella ovata*).

Gurjanova, 1948: 323.

Barnard J.L., 1958e: 130.

Barnard J.L., 1972b: 30, 155, fig. 89f-j, (in key).

Arnaud, 1974: 547, 553, 556, 559, tables 17-19. (eco).

Bellan-Santini & Ledoyer, 1974: 698.

Lowry, 1974a: 127.

Thurston, 1974a: 26, fig. 8c-j.

Thurston, 1974b: 71.

Lowry & Bullock, 1976: 140-141.

? Griffiths, 1976b: 30, fig. 11.

Lowry, 1982: 320. (*Metopella ovata*).

Arnaud *et al.*, 1986: 17, table 1.

Bellan-Santini & Ledoyer, 1987: 423.

Barnard & Karaman, 1991: 695.

Gonzalez, 1991: 63.

Branch *et al.*, 1991: 19, 40-41, fig. on p.19.

Jazdzewski *et al.*, 1991: 110.

Rauschert, 1991: 38.

Jazdzewski *et al.*, 1992: 466-470.

De Broyer & Jazdzewski, 1993: 93.

Jazdzewski *et al.*, 1996: 372.

De Broyer *et al.*, 1999: 168.

De Broyer & Rauschert, 1999: 287, table 1.

Chiesa *et al.*, 2005: 170.

Distribution: E+W+G+S+M+(+Ba)

Campbell Island: Perseverance Harbour, shore (KS 27e).

Falkland Islands: Port Stanley, low tide (TRS 14b); 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel); 53°45'S 61°10'W, 140-150 m (bottom/habitat: gravel, stones, shells) (AS 31a).

Iles Kerguelen: Baie de l'Observatoire; Three Island Harbour (AS 26c); Golfe du Morbihan, 15 m; Port Jeanne-d'Arc; Ile

du Chat; Fjord Bossière, 10-15 m; Ile Pender, 50 m; Bras Laboureur, 10-35 m; Port Douzième, littoral (BS&L 87).

Macquarie Island: no loc. (GEN 38).

Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m, (bottom/habitat: sand; gear: trawl) (TRS 88); Seno Magallanes; Bahia Ushuaia, 4 m (AS 31a); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Prince Edward Islands: *Marion Dufresne 08*, sta. 36 CP 173, 46°40.7'S 38°06.7'E, 315-570 m (BS&L 87); 10-15 m (MLB *et al.* 91).

Palmer Archipelago: Port Lockroy, low tide; Goudier Island, low tide-1 m (MHT 74b).

South Georgia: Cumberland Bay, 1-2 m (bottom/habitat: stones, algae); off Grytviken, 1-20 m (bottom/habitat: sand, algae) (AS 31a); *Discovery 1925-27*, sta. 39, Cumberland East Bay, 179-235 m (bottom/habitat: grey mud; gear: large otter trawl) (KHB 32); Cumberland West Bay, Jason Harbour, 10-21 m (KS 38c).

South Orkney Islands: *Scotia 1902-04*, sta. 325, 325A, Laurie Island, Scotia Bay, 4-18 m (CC 12a); *Discovery 1925-27*, sta. 164, East end of Normanna Strait, 24-36 m (gear: tow-net of coarse silk) (KHB 32); Signy Island, Borge Bay, littoral-20 m, Paal Harbour, 5-25 m; Elephant Flats, littoral (MHT 74a).

South Shetland Islands: Deception Island, 25-75 m (KS 47a); King George Island, 62°11'-14'S 58°52'-58'W (MR 91); Admiralty Bay, 10m (KJ *et al.* 91).

Trinity Peninsula: Hope Bay, Grunden Rock, littoral (MHT 74b).

Weddell Sea: eastern shelf (CDB *et al.* 99).

Depth range: 0-570 m.

Type-locality: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m, (bottom/habitat: sand; gear: trawl) (TRS 88).

Extralimital distribution: New Zealand; Northern Argentina; ? South Africa.

Extralimital depth range:

Type specimen location: NHM, London.

***Proboloides typica* (Walker, 1906b)**

Walker, 1906b: 14. (*Proboliella typica*).

Walker, 1907: 20, pl. 6: fig. 10. (*Proboliella typica*).

Schellenberg, 1926a: 323, fig. 41.

Non Barnard K.H., 1930: 339.(= *Metopoides leptomana* and *Metopoides typicaminus*).

Barnard K.H., 1930: 339.

Barnard K.H., 1932: 109, fig. 57, (in key). (in part; part = *Metopoides clavata*).

Ruffo, 1949: 13. (*Proboloides typicus*).

Barnard J.L., 1958e: 131.

Lowry & Bullock, 1976: 142.

Barnard & Karaman, 1991: 696.

Klages, 1991: 51.

De Broyer & Jazdzewski, 1993: 93.

Distribution: E+G

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, Hut Point (AOW 07); *Terra Nova 1910*, sta. 331, McMurdo Sound, 457 m (KHB 30).

Shag Rocks: *Discovery 1925-27*, sta. 160, 53°43'S 40°57'W, 177 m (bottom/habitat: grey mud, stones, rock; gear: large heavy dredge) (KHB 32).

South Georgia: *Discovery 1925-27*, sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk); sta. 152, 53°51'S 36°18'W, 245 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Weddell Sea: eastern shelf (MK 91).

Depth range: 120-457 m.

Type-locality: Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, Hut Point (AOW 07).

Type specimen location: NHM, London.

?*Proboloides* sp.1 Stephensen, 1947a

Non Stephensen, 1947a: 46, fig. 18. (*Metopoides ?sarsii* = *Proboloides* sp.).

Lowry & Bullock, 1976: 142.

De Broyer & Jazdzewski, 1993: 93.

Distribution: S

Iles Crozet: no loc., 1-6 m (KS 47a).

Depth range: 1-6 m.

?*Proboloides* sp.2 Branch *et al.*, 1991

Branch *et al.*, 1991: 11, 39-40, fig. on p.11 (*Proboloides* n. sp. A).

De Broyer & Jazdzewski, 1993: 93.

Distribution: S(Ba)

Prince Edward Islands: no loc., 510 m (MLB 91)

Depth range: 510 m.

?*Proboloides* sp.3 Branch *et al.*, 1991

Branch *et al.*, 1991: 12, 39-40, fig. on p.12 (*Proboloides* n. sp. B).

De Broyer & Jazdzewski, 1993: 93.

Distribution: S

Prince Edward Islands: no loc., 0-15 m (MLB 91)

Depth range: 0-15 m.

Prometopa dorsoundata Bushueva, 1988

Bushueva, 1988: 512-514, fig. 1.

De Broyer & Jazdzewski, 1993: 93.

Distribution: E

Davis Sea: Tokarev Island, sta B, 5 m (bottom/habitat: rocks; gear: SCUBA) (IVB 88).

Depth range: 5 m.

Type-locality: Davis Sea: Tokarev Island, sta B, 5 m (bottom/habitat: rocks; gear: SCUBA) (IVB 88).

Type specimen location: ZIN, St Petersburg.

Prometopa edentata Rauschert, 1990a

Rauschert, 1990a: 35-39, pl. 10: figs. 1-20.

Rauschert, 1991: 38.

De Broyer & Jazdzewski, 1993: 93.

Distribution: W

South Shetland Islands: King George Island, Fildes Strait, sta. 30/13, 35 m (gear: SCUBA); sta. 30/41, 40-50 m (gear: dredge) (MR 90a); 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 35-50 m.

Type-locality: South Shetland Islands: King George Island, Fildes Strait, sta. 30/13, 35m (gear: SCUBA) (MR 90a).

Type specimen location: ZMB, Berlin.

?*Prometopa longipalma* Ren, 1991

Ren, 1991 in Ren & Huang, 1991: 287-288, 319-320, fig. 62 (*Prometopa longipalma*).

Distribution: W

South Shetland Islands: 62°07.5'S 57°57'W, 400 m (bottom/habitat: sand, mud) (R&H 91).

Depth range: 400 m.

Type-locality: South Shetland Islands: 62°07.5'S 57°57'W, 400 m (bottom/habitat: sand, mud) (R&H 91).

Type specimen location: IOQ, Qingdao.

Prometopa tuberculata Schellenberg, 1926a

Schellenberg, 1926a: 310, fig. 35.

Barnard J.L., 1958e: 129.

Lowry & Bullock, 1976: 137. (*Metopa tuberculata*).

Barnard & Karaman, 1991: 692, 693, 696.

De Broyer & Jazdzewski, 1993: 93.

Distribution: E

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Depth range: 385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Scaphodactylus bentarti* Rauschert, 1995**

Rauschert, 1995: 19-25, pls. 3-4.

Distribution: W

South Shetland Islands: *Hesperides Bentart 94*, sta. 53, Livingston Island, 62°43.4'S 60°26.6'W, 50 m (gear: geological dredge); 62°43'S 60°25.5'W, 10-15 m (MR 95).

Depth range: 10-50 m.

Type-locality: South Shetland Islands: *Hesperides Bentart 94*, sta. 53, Livingston Island, 62°43.4'S 60°26.6'W, 50 m (gear: geological dredge) (MR 95).

Type specimen location: ZMB, Berlin.

***Scaphodactylus foliodactylus* (Rauschert, 1990a).**

Rauschert, 1990a: 12-15, pl. 3: figs.1-21. (*Metopoides foliodactylus*).

Rauschert, 1991: 38. (*Torometopa foliodactylus*).

Rauschert & Andres, 1993: 357, pl. 4: fig. 5.

Distribution: W

South Shetland Islands: King George Island, Fildes Strait, 62°14'S 58°56'W, 20-30 m (MR 90a). 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 20-30 m.

Type-locality: South Shetland Islands: King George Island, Fildes Strait, 62°14'S 58°56'W, 20-30 m (MR 90a).

Type specimen location: ZMB, Berlin.

***Scaphodactylus gigantecheirus* Rauschert & Andres, 1993.**

Rauschert & Andres, 1993: 349-355, pls. 1-3.

Distribution: W

South Shetland Islands: King George Island, Maxwell Bay, 62°11'40"S 58°55'W, 50-60 m (gear: dredge); *Polarstern ANT* ?, sta. 158, 62°51'S 56°00'W, 133 m (gear: box corer, 0.25 m²) (R&A 93).

Depth range: 50-133 m.

Type-locality: South Shetland Islands: King George Island, Maxwell Bay, 62°11'40"S 58°55'W, 50-60 m (gear: dredge) (R&A 93).

Type specimen location: ZMB, Berlin.

***Scaphodactylus simus* Rauschert & Andres, 1994**

Rauschert & Andres, 1994: 323-329, pls. 4-6.

Distribution: W

South Shetland Islands: King George Island, Maxwell Bay, near Potter Cove, 62°04'S 58°40'W, 30-100 m (R&A 94).

Depth range: 30-100 m.

Type-locality: South Shetland Islands: King George Island, Maxwell Bay, near Potter Cove, 62°04'S 58°40'W, 30-100 m (R&A 94).

Type specimen location: ZMB, Berlin.

***Scaphodactylus* sp. 1 Rauschert & Andres, 1993.**

Rauschert & Andres, 1993: 355-356, pl. 4: fig. 1. (*Scaphodactylus* sp.1).

De Broyer *et al.*, 2001: 744-753. (eco).

Distribution: W

South Shetland Islands: *Polarstern*, sta. 158, 62°51'S 56°00'W, 133 m (gear: box corer, 0.25 m²) (R&A 93).

Weddell Sea: eastern shelf, 105 m (CDB *et al.* 01).

Depth range: 105-133 m.

***Scaphodactylus* sp. 2 Rauschert & Andres, 1993.**

Rauschert & Andres, 1993: 355-357, pl. 4: figs. 2-4. (*Scaphodactylus* sp.2).

Distribution: W

South Shetland Islands: King George Island, Maxwell Bay, 62°11'40"S 58°55'W, 50-60 m (gear: sledge dredge); *Polarstern ANT* ?, sta. 158, 62°51'S 56°00'W, 133 m (gear: box corer 0.25 m²) (R&A 93).

Depth range: 50-133 m.

***Scaphodactylus* sp. 3 Rauschert & Andres, 1993.**

Rauschert & Andres, 1993: 357. (*Scaphodactylus* sp.).

Distribution: W

South Shetland Islands: *Polarstern ANT*?, sta. 158, 62°51'S 56°00'W, 133 m (gear: box corer 0.25 m²) (R&A 93).

Depth range: 133 m.

***Stenothoe aucklandicus* Stephensen, 1927e**

Stephensen, 1927e: 311, fig. 8.

Barnard J.L., 1953: 86.

Barnard J.L., 1958e: 132.

Barnard J.L., 1972b: 157.

Lowry & Bullock, 1976: 143.

Barnard & Karaman, 1991: 698.

De Broyer & Jazdzewski, 1993: 94.

Distribution: S

Auckland Islands: Carnley Harbour, low tide; Masked Island, rocky coast (KS 27e).

Depth range: 0 m.

Type-locality: Auckland Islands: Carnley Harbour, low tide;

Masked Island, rocky coast (KS 27e).

Type specimen location: ZMUC, Copenhagen.

***Stenothoe falklandica* Schellenberg, 1931a**

Schellenberg, 1931a: 113, fig. 61. (*Stenothoe aucklandica falklandica*).

Lowry & Bullock, 1976: 143. (*Stenothoe aucklandicus falklandicus*).

Barnard & Karaman, 1991: 698.

De Broyer & Jazdzewski, 1993: 94.

Distribution:

M

Falkland Islands: Port Albemarle, 15 m (bottom/habitat: sand, algae); Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae); Port William, 40 m (bottom/habitat: pebble, algae) (AS 31a).

Depth range: 15–40 m.

Type-locality: Falkland Islands: Port Albemarle, 15 m (bottom/habitat: sand, algae); Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae); Port William, 40 m (bottom/habitat: pebble, algae) (AS 31a).

Type specimen location: NRS, Stockholm.

***Stenothoe magellanica* Rauschert, 1998**

Rauschert, 1998: 44–48, pls. 1–2.

De Broyer & Rauschert, 1999: 287, table 1.

Distribution:

M

Magellan area: *Victor Hensen Magellan 1994*, sta. 1210, Canal Beagle, off Islas Barnevelt, 55°48'S 66°58.6'W, 66 m (gear: dredge) (MR 98).

Depth range: 66 m.

Type-locality: Magellan area: *Victor Hensen Magellan 1994*, sta. 1210, Canal Beagle, off Islas Barnevelt, 55°48'S 66°58.6'W, 66 m (gear: dredge) (MR 98).

Type specimen location: ZMB, Berlin.

***Stenothoe sivertseni* Stephensen, 1949**

Stephensen, 1949: 9, figs. 2, 3.

Macnae, 1953: 1026.

Barnard K. H., 1965: 206.

Barnard & Karaman, 1991: 699.

De Broyer & Jazdzewski, 1993: 94.

Distribution:

T

Gough Island: 40°21'S 09°55'W, from *Macrocystis* kelp (KHB 65).

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha 1937–38*, Tristan da Cunha Island: sta. 24, 40 m; sta. 41, 3–12 m; sta. 47, 0 m; sta. 51, 5–10 m; sta. 68, 0 m; sta. 71, 0 m; sta. 77, 0 m; sta. 80, 5–12 m; Nightingale Island: sta. 88, 20–40 m; sta. 94, 0 m; sta. 111, 40–60 m; sta. 113, 0 m; sta. 114, 0 m; sta. 117, 5–10 m;

sta. 118, 4–10 m; Inaccessible Island: sta. 140, 10 m; sta. 141, 30–40 m; sta. 142, 4–10 m; sta. 146, 0 m; sta. 150, 9 m; sta. 151, 5 m; sta. 153, 7–8 m; sta. 154, 40 m; sta. 155, 8–9 m; sta. 156, 5–8 m; sta. 160, 0 m (KS 49).

Depth range: 0–60 m.

Type-locality: Tristan da Cunha: sta. 111, Nightingale Island, 40–60 m; sta. 160, Inaccessible Island, 0 m (KS 49).

Type specimen location: ZMUC, Copenhagen.

***Stenothoe* sp. Bellan-Santini & Ledoyer, 1987**

Bellan-Santini & Ledoyer, 1987: 427–427, fig. 30. (*Stenothoe* sp.).

Branch *et al.*, 1991: 12, fig. on p.12. (*Stenothoe* sp.).

De Broyer & Jazdzewski, 1993: 94. (*Stenothoe* sp.).

Distribution:

S

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°45.1'E, 95 m (bottom/habitat: muddy sand) (BS&L 87).

Depth range: 95 m.

***Torometopa andresi* (Rauschert, 1990a)**

Rauschert, 1990a: 15–19, pl. 4: figs.1–20. (*Metopoides andresi*).

Rauschert, 1991: 38.

De Broyer & Jazdzewski, 1993: 94.

Distribution:

W

South Shetland Islands: King George Island, Fildes Strait, sta. 30/13, 35 m, sta. 30/44, 60–70 m; sta. 30/52, 5–10 m; sta. 26/47, 20–30 m (gear: SCUBA, Van Veen grab, dredge) (MR 90a); 62°11'–14'S 58°52'–58'W (MR 91).

Depth range: 5–70 m.

Type-locality: South Shetland Islands: King George Island, Fildes Strait, sta. 30/13, 35 m; sta. 30/44, 60–70 m; sta. 30/52, 5–10 m; sta. 26/47, 20–30 m (gear: SCUBA, Van Veen grab, dredge) (MR 90a).

Type specimen location: ZMB, Berlin.

***Torometopa angustus* Rauschert, 1990a**

Rauschert, 1990a: 29–32, pl. 8: figs. 1–17. (*Metopoides angustus*, in part; part = ?*Metopoides* sp.).

Rauschert, 1991: 38. (*Metopoides angustus*).

De Broyer & Jazdzewski, 1993: 91. (?*Metopoides angustus*).

Distribution:

W

South Shetland Islands: King George Island, Fildes Strait, sta. 30/13, 35 m (gear: SCUBA) (MR 90a); 62°11'–14'S 58°52'–58'W (MR 91).

Depth range: 35 m.

Type-locality: South Shetland Island: King George Island, Fildes Strait, sta. 30/13, 35 m (gear: SCUBA) (MR 90a).

Type specimen location: ZMB, Berlin.

Remarks: Only part of the original material belongs to *Torometopa*, the rest is ?*Metopoides* (Rauschert, com. pers.)

***Torometopa antarctica* (Walker, 1906b)**

Walker, 1906b: 13. (*Proboloides antarcticus*).

Walker, 1907: 18, pl. 5, fig. 9. (*Proboloides antarcticus*).

Barnard K.H., 1932: 109-110, fig. 58, (in key). (*Proboloides antarcticus*).

Ruffo, 1949: 13. (*Proboloides antarcticus*).

Barnard J.L., 1958e: 131. (*Proboloides antarcticus*).

Lowry & Bullock, 1976: 141. (*Proboloides antarcticus*).

? Arnaud *et al.*, 1986: 17. (*Proboloides* cf. *antarcticus*).

Barnard & Karaman, 1991: 700.

Jazdzewski *et al.*, 1991: 110, 113. (*Proboloides* sp.).

Rauschert, 1990a: 5-6, pl. 1: figs 1-21. (*Metopoides antarcticus*).

Rauschert, 1991: 38.

? Jazdzewski *et al.*, 1992: 466. (*Torometopa* cf. *porcellana*).

De Broyer & Jazdzewski, 1993: 94.

Jazdzewski *et al.*, 1996: 372.

De Broyer *et al.*, 1999: 168.

Distribution: E+W

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, Hut Point, Hole 11 (bottom/habitat: sponges) (AOW 07).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91); *Discovery 1925-27*, sta. 195, King George Island, Admiralty Bay, 62°07'S 58°28'W, 391 m (bottom/habitat: mud, stones; gear: nets) (KHB 32); 60-90 m (PMA *et al.* 86); 20-25 m (KJ *et al.* 91).

Weddell Sea: eastern shelf (CDB *et al.* 99).

Depth range: 20-391 m.

Type-locality: Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, Hut Point (AOW 07).

Type specimen location: NHM, London.

?*Torometopa bellansantinae* (Bushueva, 1988)

Bushueva, 1988: 514-516, fig. 2. (*Proboloides bellansantinae*).

De Broyer & Jazdzewski, 1993: 94.

Distribution: E

Davis Sea: near Cape Mabus, sta. E, 40 m (bottom/habitat: rocks; gear: SCUBA) (IVB 88).

Depth range: 40 m.

Type-locality: Davis Sea: near Cape Mabus, sta. E, 40 m (bottom/habitat: rocks; gear: SCUBA) (IVB 88).

Type specimen location: ZIN, St Petersburg.

***Torometopa carinata* (Schellenberg, 1931a)**

Schellenberg, 1931a: 101, fig. 54. (*Metopoides carinata*).

Barnard K.H., 1932: 109, 110, fig. 59, (in key). (*Proboloides carinata*).

Ruffo, 1949: 13. (*Proboloides carinatus*).

Barnard J.L., 1958e: 131. (*Proboloides carinata*).

Barnard J.L., 1969c: 447. (by implication). (*Metopoides carinata*).

Lowry & Bullock, 1976: 137. (*Metopoides carinatus*).

Barnard & Karaman, 1991: 700.

Ren & Huang, 1991: 280-283, fig. 58. (*Proboloides carinata*).

De Broyer & Jazdzewski, 1993: 94.

Distribution: W+G

South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay, algae); mouth of Cumberland Bay, 250-310 m (AS 31a), *Discovery 1925-27*, sta. 42, off mouth of Cumberland Bay 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. 123, off mouth of Cumberland Bay 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl) (KHB 32).

South Shetland Islands: 63°22.5'S 60°34.3'W, 478 m (R&H 91).

Depth range: 75-478 m.

Type-locality: South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay, algae); mouth of Cumberland Bay, 250-310 m (AS 31a).

Type specimen location: NRS, Stockholm.

***Torometopa compacta* (Stebbing, 1888)**

Stebbing, 1888: 767, pl. 45. (*Metopa compacta*).

Della Valle, 1893: 644. (*Metopa compacta*).

Stebbing, 1906: 186, figs. 49, 50.

Schellenberg, 1931: 96, fig. 51. (*Metopoides compacta*).

Ruffo, 1949: 13. (*Proboloides compactus*).

Barnard J.L., 1958e: 131. (*Proboloides compacta*).

Barnard J.L., 1969c: 447. (by implication). (*Metopoides compacta*).

Lowry & Bullock, 1976: 137. (*Metopoides compactus*).

Barnard & Karaman, 1991: 700.

Gonzalez, 1991a: 62.

De Broyer & Jazdzewski, 1993: 95.

De Broyer & Rauschert, 1999: 287, table 1.

Distribution: G+M

Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m, (bottom/habitat: sand; gear: trawl) (TRS 88); Cabo Valentina, 270 m (AS 31a); Estrecho de Magallanes (EG 91a).

South Georgia: Cumberland Bay, 252-310 m (AS 31a).

Depth range: 99-310 m.

Type-locality: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m, (bottom/habitat: sand; gear: trawl) (TRS 88).

Type specimen location: NHM, London.

***Torometopa crassicornis* (Schellenberg, 1931a)**

Schellenberg, 1931a: 98, fig. 52.

Ruffo 1949: 13. (*Proboloides crassicornis*).

Barnard J.L., 1958e: 131. (*Probolooides crassicornis*).
 Barnard J.L., 1969c: 447. (by implication).
 Lowry & Bullock, 1976: 137-138. (*Metopoides crassicornis*).
 Barnard & Karaman, 1991: 700.
 De Broyer & Jazdzewski, 1993: 95.
 De Broyer & Rauschert, 1999: 287, table 1.

Distribution:**M**

Falkland Islands: Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae); 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel); 53°45'S 61°10'W, 140-150 m (bottom/habitat: sieved) (AS 31a).

Depth range: 16-197 m.

Type-locality: Falkland Islands: Berkeley Sound, 16 m (bottom/habitat: gravel, mussels, algae); 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel); 53°45'S 61°10'W, 140-150 m (bottom/habitat: sieved) (AS 31a).

Type specimen location: NRS, Stockholm.

Torometopa crenatipalmata (Stebbing, 1888)

Stebbing, 1888: 759, pl. 42.

Stebbing, 1906: 188. (*Probolooides crenatipalmatus*).

Barnard K.H., 1932: 109, 111, fig. 60, (in key). (*Probolooides crenatipalmatus*).

Ruffo, 1949: 13. (*Probolooides crenatipalmatus*).

Barnard J.L., 1958e: 131. (*Probolooides crenatipalmatus*).

Barnard J.L., 1969c: 447. (by implication). (*Metopoides crenatipalmatus*).

Bellan-Santini, 1972a: 231. (*Probolooides cf. crenatipalmatus*).

Mills, 1972a: 75, table 1. (*Probolooides crenatipalmata*).

Truchot, 1974: 21. (*Probolooides crenatipalmus*).

Lowry & Bullock, 1976: 138. (*Metopoides crenatipalmatus*).

Barnard & Karaman, 1991: 700.

Gonzalez, 1991a: 62. (*Metopoides crenatipalmatus*).

De Broyer & Jazdzewski, 1993: 95.

Distribution:**E+G+S+M+T**

Adélie Coast: Géologie Archipelago, 70-90 m (DBS 72a).

Iles Kerguelen: no loc. (JPT 74).

Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom/habitat: sand; gear: trawl) (TRS 88); Estrecho de Magallanes (EG 91a).

South Georgia: *Discovery 1925-27*, sta. 42, off mouth of Cumberland Bay 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. 123, off mouth of Cumberland Bay 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl); sta. 140, Stromness Harbour to Larsen Point, 122-178 m (bottom/habitat: green mud, stones; gear: nets); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk); sta. 152, 53°51'S 36°18'W, 245 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Tristan da Cunha: *Challenger 1873-76*, sta.135c, off Nightingale Island, 183-274 m (TRS 88).

Depth range: 70-274 m.

Type-locality: Magellan area: *Challenger 1873-76*, sta. 313,

off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom/habitat: sand; gear: trawl) (TRS 88).

Type specimen location: NHM, London.

Torometopa crypta Andres & Rauschert, 1992

Andres & Rauschert, 1992:158-162, 168-171, figs. 1-4.

Barnard K.H. 1932: 111, fig. 60 a, b, d. (*Probolooides crenatipalmatus*).

Distribution:**G**

South Georgia: *Discovery 1925-27*, sta. 42, off mouth of Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets) (KHB 32).

Depth range: 120-204 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets) (KHB 32).

Type specimen location: ZMH, Hamburg.

Torometopa dentimanus (Nicholls, 1938)

Nicholls, 1938: 51, fig. 27. (*Probolooides dentimanus*).

Ruffo, 1949: 13. (*Probolooides dentimanus*).

Barnard J.L., 1958e: 131. (*Probolooides dentimanus*).

Barnard J.L., 1969c: 447. (by implication). (*Metopoides dentimanus*).

Bellan-Santini, 1972a: 232, pl. 37. (*Probolooides dentimanus*).

Bellan-Santini, 1972b: 699. (*Probolooides dentimanus*).

Arnaud, 1974: 535 (eco). (*Probolooides dentimanus*).

Lowry & Bullock, 1976: 141-142. (*Probolooides dentimanus*).

Lowry, 1982: 320. (*Probolooides dentimanus*).

Barnard & Karaman, 1991: 700.

Klages, 1991: 51.

Ren & Huang, 1991: 283-284, fig. 59. (*Probolooides dentimanus*).

De Broyer & Jazdzewski, 1993: 95.

Distribution:**E+W(+Ba)**

Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 518-540 m (GEN 38); Géologie Archipelago, 10-50 m; Cape Géodésie, 180-200 m (DBS 72a).

South Shetland Islands: 62°14.4'S 58°51.7'W, 345 m (R&H 91).

Weddell Sea: eastern shelf (MK 91).

Depth range: 10-540 m.

Type-locality: Adélie Coast: *Aurora 1912-14*, sta. 2, Commonwealth Bay, 518-540 m (GEN 38).

Type specimen location: Types lost (Lowry, 1982).

Torometopa elephantensis Andres & Rauschert, 1992.

Andres & Rauschert, 1992: 162-166, 172-173, figs. 6 a, c, e, f, 7.

Distribution: **W**
South Shetland Islands: *Walther Herwig 1984-85*, Elephant Island: sta. 142, 61°09.7'S 56°10.3'W, 290 m; sta. 154, 61°03.9'S 55°58.8'W, 262 m; sta. 148, 61°12.7'S 55°56.4'W, 134 m; sta. 149, 61°09'S 56°07.2'W, 208 m; sta. 161, 60°51.3'S 55°45.6'W, 290 m; sta. 165, 60°50.9'S 55°37.4'W, 242 m; sta. 171, 60°53.6' 55°46.1'W, 260 m (A&R 92).

Depth range: 134-290 m.

Type-locality: South Shetland Islands: *Walther Herwig 1984-85*, sta. 142, Elephant Island, 61°09.7'S 56°10.3'W, 290 m (A&R 92).

Type specimen location: ZMH, Hamburg.

?Torometopa laevis (Ren, 1991)

Ren, 1991 in Ren & Huang, 1991: 284-285, 317-318, fig. 60.
 De Broyer & Jazdzewski, 1993: 95.

Distribution: **W**
South Shetland Islands: King George Island, 62°14'S 58°51.7'W, 345 m (bottom/habitat: sand, mud) (R&H 91).

Depth range: 345 m.

Type-locality: South Shetland Islands: King George Island, 62°14'S 58°51.7'W, 345 m (bottom/habitat: sand, mud) (R&H 91).

Type specimen location: IOQ, Qingdao.

Torometopa macromanus (Rauschert, 1990a)

Rauschert, 1990a: 7-11, pl. 2: figs. 1-21. (*Metopoides macromanus*).

Rauschert, 1991: 38.

De Broyer & Jazdzewski, 1993: 95.

Distribution: **W**
South Shetland Islands: King George Island, Fildes Strait, 62°14'S 58°56'W, 10-20 m (gear: SCUBA, Van Veen grab, dredge) (MR 90a); 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 10-20 m.

Type-locality: South Shetland Islands: King George Island, Fildes Strait, 62°14'S 58°56'W, 10-20 m (gear: SCUBA, Van Veen grab, dredge) (MR 90a).

Type specimen location: ZMB, Berlin.

Torometopa nitita (Ren, 1991)

Ren, 1991 in Ren & Huang, 1991: 285-286, 318-319, fig. 61. (*Proboloides nititus*).

De Broyer & Jazdzewski, 1993: 95.

Distribution: **W(Ba)**
Bransfield Strait: 62°17.3'S 55°06.2'W, 528 m (bottom/habitat: sand) (R&H 91).

Depth range: 528 m.

Type-locality: Bransfield Strait: 62°17.3'S 55°06.2'W, 528 m (bottom/habitat: sand) (R&H 91).

Type specimen location: IOQ, Qingdao.

Torometopa palmata (Ruffo, 1949)

Ruffo, 1949: 17, figs. 2, 3. (*Proboloides palmatus*).

Barnard J.L., 1958e: 131. (*Proboloides palmatus*).

Barnard J.L., 1969c: 447. (by implication). (*Metopoides palmatus*).

Lowry & Bullock, 1976: 139. (*Metopoides palmatus*).

Barnard & Karaman, 1991: 700.

De Broyer & Jazdzewski, 1993: 95.

Distribution: **E**
Bellingshausen Sea: *Belgica 1897-99*, 71°19'S 87°37'W (SR 49).

Depth range:

Type-locality: Bellingshausen Sea: *Belgica 1897-99*, 71°19'S 87°37'W (SR 49).

Type specimen location: IRScNB, Brussels.

Torometopa parallelocheir (Stebbing, 1888)

Stebbing, 1888: 762, pl. 43. (*Metopa parallelocheir*).

Della Valle, 1893: 642, pl. 59: fig. 59. (*Metopa parallelocheir*).

Stebbing, 1906: 186.

Schellenberg, 1931a: 96.

Barnard K.H., 1932: 108.

Ruffo, 1949: 13. (*Proboloides parallelocheir*).

Barnard J.L., 1958e: 131. (*Proboloides parallelocheir*).

Barnard J.L., 1969c: 447. (by implication).

Lowry & Bullock, 1976: 139. (*Metopoides parallelocheir*).

Barnard & Karaman, 1991: 700.

Gonzalez, 1991a: 63. (*Metopoides parallelocheir*).

De Broyer & Jazdzewski, 1993: 95.

De Broyer & Rauschert, 1999: 287, table 1.

Distribution: **G+M**
Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom/habitat: sand; gear: trawl) (TRS 88); Estrecho de Magallanes (EG 91a).

South Georgia: *Discovery 1925-27*, sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl) (KHB 32).

Depth range: 38-197 m.

Type-locality: Magellan area: *Challenger 1873-76*, sta. 313, off Cabo Virgenes, 52°20'S 67°39'W, 101 m (bottom/habitat: sand; gear: trawl) (TRS 88).

Type specimen location: NHM, London.

***Torometopa perlata* (K.H. Barnard, 1930)**

Barnard K.H., 1930: 339, fig. 15. (*Proboloides perlatus*).
 Barnard K.H., 1932: 109, (in key). (*Proboloides perlatus*).
 Ruffo, 1949: 13. (*Proboloides perlatus*).
 Barnard J.L., 1958e: 131. (*Proboloides perlatus*).
 Lowry & Bullock, 1976: 142. (*Proboloides perlatus*).
 Wakabara *et al.*, 1990: 2, 4, 6.
 Barnard & Karaman, 1991: 700.
 Andres, 1993: 210-216, pls. 1-3.
 De Broyer & Jazdzewski, 1993: 95.

Distribution:**E+W****Ross Sea:** off Cape Adare, 82-92 m (KHB 30).**South Shetland Islands:** 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90).**Depth range:** 82-92 m.**Type-locality:** Ross Sea: *Terra Nova 1910*, sta. 220, off Cape Adare, 82-92 m (KHB 30).**Type specimen location:** NHM, London.***Torometopa porcellana* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 109, 111, fig. 61, (in key). (*Proboloides porcellanus*).
 Ruffo, 1949: 13. (*Proboloides porcellanus*).
 Barnard J.L., 1958e: 131. (*Proboloides porcellanus*).
 Lowry & Bullock, 1976: 142. (*Proboloides porcellanus*).
 Barnard & Karaman, 1991: 700.
 ? Jazdzewski *et al.*, 1992: 466.
 ? Jazdzewski *et al.*, 1992: 466. (*Torometopa* cf. *porcellana*).
 De Broyer & Jazdzewski, 1993: 95.
 Jazdzewski *et al.*, 1996: 372. (*Torometopa* cf. *porcellana*).

Distribution:**W?+M****Falkland Islands:** *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets) (KHB 32).**? South Shetland Islands:** King George Island, Admiralty Bay (KJ *et al.* 92).**Depth range:** 105-115 m.**Type-locality:** Falkland Islands: *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets) (KHB 32).**Type specimen location:** NHM, London.***Torometopa pseudoperlata* Andres, 1993.**

Andres, 1993: 216-225, pls. 4, 5, 6: figs. 1-4.
 Barnard K.H., 1930: 339-341, fig. 15d. (*Proboloides perlata*, in part).

Distribution:**E****Ross Sea:** *Terra Nova 1910*, sta. 220, off Cape Adare, 82-92 m

(KHB 30).

Depth range: 82-92 m.**Type-locality:** Ross Sea: *Terra Nova 1910*, sta. 220, off Cape Adare, 82-92 m (KHB 30).**Type specimen location:** NHM, London.***Torometopa serrata* (Rauschert, 1990a)**

Rauschert, 1990a: 26-29, pl. 7: figs. 1-23. (*Metopoides serratus*).

Rauschert, 1991: 38.

De Broyer & Jazdzewski, 1993: 95.

Distribution:**W****South Shetland Islands:** King George Island, Fildes Strait, sta. 30/13, 35 m (gear: SCUBA, Van Veen grab, dredge) (MR 90a); 62°11'-14'S 58°52'-58'W (MR 91).**Depth range:** 35 m.**Type-locality:** South Shetland Islands: King George Island, Fildes Strait, sta. 30/13, 35 m (gear: SCUBA, Van Veen grab, dredge) (MR 90a).**Type specimen location:** ZMB, Berlin.***Torometopa stephensi* (Ruffo, 1949)**

Ruffo, 1949: 15, figs. 1-3. (*Proboloides stephensi*).
 Barnard J.L., 1958e: 131. (*Proboloides stephensi*).
 Lowry & Bullock, 1976: 142. (*Proboloides stephensi*).
 Barnard & Karaman, 1991: 700.
 De Broyer & Jazdzewski, 1993: 96.

Distribution:**E****Bellingshausen Sea:** *Belgica 1897-99*, 70°23'S 82°47'W (SR 49).**Depth range:****Type-locality:** Bellingshausen Sea: *Belgica 1897-99*, 70°23'S 82°47'W (SR 49).**Type specimen location:** IRScNB, Brussels.***Torometopa* sp.1 Andres & Rauschert, 1992.**

Andres & Rauschert, 1992: 166, 172-173, figs. 5p, 6b-d. (*Torometopa* cf. *elephantensis*)

Distribution:**W****South Shetland Islands:** *Walther Herwig 1984-85*, sta. 142, Elephant Island, 61°09.7'S 56°10.3'W, 290 m (A&R 92).**Depth range:** 290 m.***Torometopa* sp.2 Andres, 1993.**

Andres, 1993: 222-225, pl. 6: figs. 5-9, pls. 7-9. (*Torometopa* sp.).
 Barnard K.H., 1930: 339-341. (*Proboloides perlata*, in part).

Distribution: **E**
Ross Sea: *Terra Nova 1910*, sta. 220, off Cape Adare, 82-92 m (KHB 30).
Depth range: 82-92 m.

Subfamily Thaumatelsoninae Gurjanova, 1938
 [Krapp-Schickel, 2006]

***Antatelson antennatum* Bellan-Santini & Ledoyer, 1974**

Bellan-Santini & Ledoyer, 1974: 701, pl. 39.
 Arnaud, 1974: 553, table 17 (eco).
 Lowry & Bullock, 1976: 143.
 Wakabara *et al.*, 1990: 2, 4, 6.
 Barnard & Karaman, 1991: 688.
 Rauschert, 1991: 38.
 De Broyer & Jażdżewski, 1993: 90.

Distribution: **W+S**
Iles Kerguelen: Golfe du Morbihan, Ile du Chat (BS&L 74).
South Shetland Islands: 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90); King George Island, 62°11'-14'S 58°52'-58'W (MR 91).
Depth range: 88 m.
Type-locality: Iles Kerguelen: Golfe du Morbihan, Ile du Chat (BS&L 74).
Type specimen location: MCSN, Verona.

***Antatelson cultricauda* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 113, fig. 62. (*Thaumatelson cultricauda*).
 Barnard J.L., 1958e: 138. (*Thaumatelson cultricauda*).
 Barnard J.L., 1962c: 133. (*Thaumatelson cultricauda*).
 Barnard J.L., 1972a: 312.
 Lowry & Bullock, 1976: 143.
 Barnard & Karaman, 1991: 688.
 De Broyer & Jażdżewski, 1993: 90.

Distribution: **G**
South Georgia: *Discovery 1925-27*, sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl) (KHB 32).
Depth range: 38 m.
Type-locality: South Georgia: *Discovery 1925-27*, sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl) (KHB 32).
Type specimen location: NHM, London.

***Antatelson rostratum* Bellan-Santini & Ledoyer, 1974**

Bellan-Santini & Ledoyer, 1974: 701, pl. 37b.
 Arnaud, 1974: 553, table 17. (eco).
 Lowry & Bullock, 1976: 143.
 Barnard & Karaman, 1991: 688.
 De Broyer & Jażdżewski, 1993: 91.

Distribution: **S**
Iles Kerguelen: Golfe du Morbihan, Ile du Chat (BS&L 74).
Depth range:
Type-locality: Iles Kerguelen: Golfe du Morbihan, Ile du Chat (BS&L 74).
Type specimen location: MCSN, Verona.

***Antatelson tuberculatum* Andres, 1989**

Andres, 1989: 175-184, figs. 1-23.
 De Broyer & Jażdżewski, 1993: 91.

Distribution: **W**
South Shetland Islands: Elephant Island, *Walther Herwig 68*, sta. 155, 60°57.1'S 55°55.2'W, 256 m (bottom/habitat: muddy sand; gear: Van Veen grab) (HGA 89).
Depth range: 256 m.
Type-locality: South Shetland Islands: Elephant Island, *Walther Herwig 68*, sta. 155, 60°57.1'S 55°55.2'W, 256 m (bottom/habitat: muddy sand; gear: Van Veen grab) (HGA 89).
Type specimen location: ZMH, Hamburg

***Antatelson walkeri* (Chilton, 1912a)**

Chilton, 1912a: 481, pl. 1: figs. 11-15. (*Thaumatelson walkeri*).
 Schellenberg, 1931a: 113. (*Thaumatelson walkeri*).
 Barnard J.L., 1958e: 138. (*Thaumatelson walkeri*).
 Barnard J.L., 1972a: 312.
 Thurston, 1974a: 24. (*Thaumatelson walkeri*).
 Thurston, 1974b: 71.
 Lowry & Bullock, 1976: 143.
 Andres, 1990: 138, fig. 274.
 Wakabara *et al.*, 1990: 4, 6.
 Barnard & Karaman, 1991: 688.
 Rauschert, 1991: 38.
 Jażdżewski *et al.*, 1992: 466-470.
 De Broyer & Jażdżewski, 1993: 91.
 Jażdżewski *et al.*, 1996: 372.
 De Broyer *et al.*, 1999: 168.

Distribution: **E+W+G**
Bransfield Strait: 63°09'S 58°17'W, 95 m (bottom/habitat: clay mixed with sand, algae) (AS 31a).
Palmer Archipelago: Port Lockroy, low tide; Goudier Island, 1 m (MHT 74b).
Shag Rocks: 53°34'S 43°23'W, 160 m (bottom/habitat: sand, gravel) (AS 31a).
South Georgia: off Grytviken, 20 m (bottom/habitat: *Macrocystis*); Cumberland Bay, 75 m (bottom/habitat: clay, algae) (AS 31a).
South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay (CC 12a); Signy Island, Borge Bay, 2-20 m; Paal Harbour, 5-15 m (MHT 74a).
South Shetland Islands: 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90); King George Island, 62°11'-14'S 58°52'-58'W (MR

91); Admiralty Bay, 46 m (gear: Van Veen grab) (KJ *et al.* 92).
Trinity Peninsula: 64°20'S 56°38'W, 150-200 m (bottom/habitat: sand, gravel) (AS 31a).

Weddell Sea: eastern shelf (CDB *et al.* 99).

Depth range: 0-200 m.

Type-locality: South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay (CC 12a).

Type specimen location: RSM, Edinburgh. (*Thaumatelson walkeri*).

***Parathaumatelson nasicum* (Stephensen, 1927e)**

Stephensen, 1927e: 309, fig. 7. (*Metopella nasica*).
 Schellenberg, 1931a: 110. (*Pseudothaumatelson nasica*).
 Gurjanova, 1938b: 387. (*Parathaumatelson nasica*).
 Barnard J.L., 1958e: 138. (*Parathaumatelson nasica*).
 Barnard J.L., 1964c: 71. (*Pseudothaumatelson nasica*).
 Barnard J.L., 1972a: 311. (*Parathaumatelson nasica*).
 Barnard J.L., 1972b: 30, 158, fig. 90, (in key).
 Lowry & Bullock, 1976: 143-144.
 Barnard & Karaman, 1991: 695.
 De Broyer & Jazdzewski, 1993: 92.

Distribution:

S+

Auckland Islands: Carnley Harbour, low tide; Masked Island, rocky coast (KS 27e).

Depth range: 0 m.

Type-locality: Auckland Islands: Carnley Harbour, low tide; Masked Island, rocky coast (KS 27e).

Extralimital distribution: New Zealand.

Extralimital depth range:

Type specimen location: ZMUC, Copenhagen.

***Prothaumatelson nasutum* (Chevreux, 1912a)**

Chevreux, 1912a: 212. (*Thaumatelson nasutum*).
 ? Chilton, 1912a: 483, pl. 1: figs. 16, 17. (questioned by Schellenberg, 1931a). (?= *Thaumatelson inermis*).
 Chevreux, 1913c: 109, figs. 16-18. (*Thaumatelson nasutum*).
 Schellenberg, 1931a: 113.
 Barnard K.H., 1932: 112. (*Thaumatelson nasutum*).
 Barnard J.L., 1958e: 138.
 Barnard J.L., 1962c: 133.
 Barnard J.L., 1972a: 311.
 Arnaud, 1974: 565. (eco).
 Thurston, 1974a: 25.
 Thurston, 1974b: 71.
 Lowry & Bullock, 1976: 144.
 Arnaud *et al.* 1986: 17, table 1.
 Barnard & Karaman, 1991: 697.
 Jazdzewski *et al.*, 1991: 110.
 Rauschert, 1991: 38.
 Jazdzewski *et al.*, 1992: 467.
 De Broyer & Jazdzewski, 1993: 93.
 Jazdzewski *et al.*, 1996: 372.

Distribution:

W+G

Palmer Archipelago: Port Lockroy, low tide (MHT 74b).

South Georgia: off Grytviken, 1-30 m; Moraine Fjord, 16 m (bottom/habitat: stones, algae) (AS 31a); *Discovery 1925-27*, sta. MS 67, Cumberland East Bay, 38 m (gear: small beam trawl); sta. MS 74, Cumberland East Bay, 22-40 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32).

South Orkney Islands: ? *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, 16-18 m (CC 12a); Signy Island, Borge Bay, 5-15 m; Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91); Admiralty Bay, 25 m (KJ *et al.* 91, 92).

Wilhelm Archipelago: Petermann Island, 3 m (EC 13c).

Depth range: 0-40 m.

Type-locality: Wilhelm Archipelago: Petermann Island, 3 m (EC 13c).

Type specimen location: MNHN, Paris; RSM, Edinburgh (*Thaumatelson inermis*).

***Pseudothaumatelson cyproides* Nicholls, 1938**

Nicholls, 1938: 53, fig. 28.
 Barnard J.L., 1958e: 138.
 Barnard J.L., 1972a: 312.
 Lowry & Bullock, 1976: 144.
 Bellan-Santini & Ledoyer, 1987: 425-427, fig. 29.
 Barnard & Karaman, 1991: 697.
 Branch *et al.*, 1991: 12, fig. on p.12.
 Rauschert & Andres, 1991: 227-228.
 De Broyer & Jazdzewski, 1993: 93.

Distribution:

E+S

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 45 m (GEN 38).

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m (BS&L 87).

Depth range: 45 m.

Type-locality: Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 45 m (GEN 38).

Type specimen location: AM, Sydney.

***Pseudothaumatelson patagonicum* Schellenberg, 1931a**

Schellenberg, 1931a: 110, fig. 60.
 Barnard J.L., 1958e: 138.
 Barnard J.L., 1972a: 312.
 Lowry & Bullock, 1976: 144.
 Barnard & Karaman, 1991: 697.
 Rauschert & Andres, 1991: 227-228, fig. 1a-i.
 De Broyer & Jazdzewski, 1993: 94.

Distribution:

M

Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

Depth range: 197 m.

Type-locality: Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

Type specimen location: NRS, Stockholm.

***Thaumatelson herdmani* Walker, 1906b**

Walker, 1906b: 15.

Walker, 1907: 21, pl. 7: fig. 11.

Chilton, 1912a: 484.

Schellenberg, 1926a: 324. (*Thaumatotelson herdmani*).

Schellenberg, 1931a: 112.

Barnard J.L., 1958e: 138.

Barnard J.L., 1972a: 311.

Bellan-Santini, 1972a: 232.

Arnaud, 1974: 562, 565, table 20. (eco). (*Thaumatelson* cf. *herdmani*).

Thurston, 1974a: 25.

Lowry & Bullock, 1976: 144-145.

Bellan-Santini & Ledoyer, 1987: 429.

Barnard & Karaman, 1991: 700.

Branch *et al.*, 1991: 12, fig. on p.12.

Rauschert, 1991: 38.

Jażdżewski *et al.*, 1992: 466.

De Broyer & Jażdżewski, 1993: 94.

Jażdżewski *et al.*, 1996: 372.

De Broyer *et al.*, 1999: 168.

Gutt *et al.*, 2000: 84-87.

Distribution: E+W+G+S+M

Adélie Coast: Géologie Archipelago, 6-26 m (DBS 72a).

Burdwood Bank: 53°45'S, 61°10'W, 140-150 m (bottom/habitat: gravel, stones, shells) (AS 31a).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 22 BB 125, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand); sta. 34 BB 168, 46°50.2'S 37°51.2'E, 110 m (bottom/habitat: compact mud) (BS&L 87).

Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, Hut Point (AOW 07).

South Georgia: Cumberland Bay, 75 m (bottom/habitat: clay, algae); off Grytviken, 25-50 m (bottom/habitat: grayish clay, gravel, algae); mouth of Grytviken, 12-15 m (bottom/habitat: sand, algae); Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay (CC 12a); Signy Island, Borge Bay, 3-20 m (MHT 74a).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91); Admiralty Bay (KJ *et al.* 92).

Trinity Peninsula: Snow Hill Island, 125 m (bottom/habitat: stones, gravel) (AS 31a).

Weddell Sea: eastern shelf (CDB *et al.* 99); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge) (JG *et al.* 00).

Depth range: 3-385 m.

Type-locality: Ross Sea: *Discovery 1901-04*, Winter Quarters Bay, Hut Point (AOW 07).

Type specimen location: NHM, London.

***Thaumatelsonella kingelepha* Rauschert & Andres, 1991**

Rauschert & Andres, 1991: 230-235, figs. 1j-k, 2, 3.

De Broyer & Jażdżewski, 1993: 94.

Distribution:

W

South Shetland Islands: King George Island, Fildes Strait, sta. 30/40 A, 50 m (R&A 91).

Depth range: 50 m.

Type-locality: South Shetland Islands: King George Island, Fildes Strait, sta. 30/40 A, 50 m (R&A 91).

Type specimen location: ZMB, Berlin.

Family STILIPEDIDAE Holmes, 1908

***Alexandrella australis* (Chilton, 1912a)**

Chilton, 1912a: 205, pl. 2: fig. 19. (*Acanthonotozoma australis*).

Lowry & Bullock, 1976: 11. (*Bathypanoploea australis*, in part).

Holman & Watling, 1983a: 33-37, figs. 1-3.

Voss, 1988: 54.

Barnard & Karaman, 1991: 703.

Klages, 1991: 51.

De Broyer & Jażdżewski, 1993: 96.

Berge & Vader, 2005a: 1330-1332, fig.1.

Distribution:

E+W(Ba)

Bransfield Strait: *Eltanin 6*, sta. 432, 62°52'-62°55'S 59°27'-59°15'W, 884-935 m (gear: Blake trawl) (H&W 83a).

Scotia Sea: *Islas Orcadas 575*, sta. 54, near South Sandwich Islands, 57°39'S 26°00.4'W, 2380-2609 m (H&W 83a).

Weddell Sea: *Scotia 1902-04*, sta. 417, 71°22'S 16°34'W, 2578 m (CC 12a); eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91).

Depth range: 884-2609 m.

Type-locality: Weddell Sea: *Scotia 1902-04*, sta. 417, 71°22'S 16°34'W, 2578 m (CC 12a).

Type specimen location: RSM, Edinburgh.

***Alexandrella dentata* Chevreux, 1912a**

Chevreux, 1912a: 213.

Chevreux, 1913c: 134, figs. 31-33.

Nicholls, 1938: 42, fig. 22. (*Parandaniexis mixtus*).

Nicholls, 1938: *Corrigendum*. (*Alexandrella mixta*).

Barnard J.L., 1958e: 127. (*Alexandrella mixta*).

Barnard J.L., 1958e: 133.

Non Barnard J.L., 1961: 77, fig. 46. (= *Alexandrella subchelata*).

Bellan-Santini, 1972a: 229, pl. 36. (*Alexandrella mixta*).
 Lowry & Bullock, 1976: 136. (*Pseudandaniexis mixtus*).
 Lowry & Bullock, 1976: 145 (in part).
 Lowry, 1982: 320. (*Parandaniexis mixtus*).
 Holman & Watling, 1983a: 37-39, fig. 4.
 Holman & Watling, 1983a: 39-41, fig. 5. (*Alexandrella mixta*).
 Voss, 1988: 54. (*Alexandrella mixta*).
 Barnard & Karaman, 1991: 703.
 Barnard & Karaman, 1991: 703. (*Alexandrella mixta*).
 Klages, 1991: 51. (*Alexandrella dentata*; *Alexandrella mixta*).
 De Broyer & Jazdzewski, 1993: 96.
 Gutt *et al.*, 2000: 84-87. (*Alexandrella mixta*).
 Gutt *et al.*, 2000: 84-87.
 De Broyer *et al.*, 2001: 744-753. (eco). (*Alexandrella mixta*).
 Berge & Vader, 2005a: 1332-1335, figs. 2, 3.

Distribution: E+W(+Ba)

Adélie Coast: *Aurora 1912-14*, sta.1, Commonwealth Bay, 590-720 m (GEN 38); Géologie Archipelago, 60-75 m (DBS 72a); 90-96 m (H&W 83a).

Marguerite Bay: Alexander Island, 297 m (EC 13c).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl) (JG *et al.* 00); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl) (JG *et al.* 00; B&V 05a); sta. 12 BT 05, South of Vestkapp, 73°18.10'S 21°10.10'W, 459 m (gear: bottom trawl) (JG *et al.* 00; B&V 05a); sta. 29 BP 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00); 242-1543 m (CDB *et al.* 01); *Polarstern ANT XV/3 (EASIZ II)*, sta. 77, 71°09'42"S 12°28'42"W, 341-360 m (gear: Agassiz trawl); sta. 197, 71°17'S 12°36'18"W, 415-416 m (gear: Agassiz trawl); sta. 264, 72°49'54"S 19°26'30"W, 470-473 m (gear: Agassiz trawl); sta. 284, 71°12'S 13°14'W, 402-412 m (gear: Agassiz trawl) (B&V 05a).

Depth range: 60-1543 m.

Type-locality: Marguerite Bay, Alexander Island, 297 m (EC 13c).

Extralimital distribution: Kermadec Trench, *Galathea*, sta. 663, 36°31'S 178°38'W, 4520 m (H&W 83a).

Extralimital depth range: 4520 m.

Type specimen location: MNHN, Paris. Types of *Parandaniexis mixtus* lost (Lowry, 1982).

***Alexandrella inermis* Bellan-Santini & Ledoyer, 1987**

Bellan-Santini & Ledoyer, 1987: 430-432, fig. 31.

Barnard & Karaman, 1991: 703.

Branch *et al.*, 1991: 10, 40, fig. on p.10.

De Broyer & Jazdzewski, 1993: 96.

Berge & Vader, 2005a: 1335.

Distribution: E+S(+Ba)

Prince Edward Islands: *Marion Dufresne 08*, sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m (gear: Okean grab) (BS&L 87; B&V 05a); 510 m (MLB *et al.* 91); 46°40'32"S 37°51'E, 460-

560 m (gear: dredge) (B&V 05a).

Prydz quadrant: *Aurora Australis 1991*, Prydz Bay, 67°30'S 77°14-13'E, 341-333 m (bottom/habitat: in sponge; gear: bottom trawl) (B&V 05a).

Depth range: 120-560 m.

Type-locality: Prince Edward Islands: *Marion Dufresne 08*, sta. 13 CP 85, 46°56.3'S 37°55.6'E, 120 m (gear: Okean grab) (BS&L 87).

Type specimen location: SAM, Capetown.

***Alexandrella mandibulata* Berge & Vader, 2005a**

Berge & Vader, 2005a: 1335-1339, figs. 4-6.

Distribution: W(Ab)

Scotia Sea: *Eltanin 9*, sta. 722, 55°04-00'S 33°57-59'W, 3138-3239 m (B&V 05a).

Depth range: 3138-3239 m.

Type-locality: Scotia Sea: *Eltanin 9*, sta. 722, 55°04-00'S 33°57-59'W, 3138-3239 m (B&V 05a).

Type specimen location: ? USNM, Washington.

***Alexandrella martae* Berge & Vader, 2005a**

Berge & Vader, 2005a: 1340-1346, figs. 7-9.

Distribution: E+W+G(Ba+Ab)

Ross Sea: *Eltanin 27*, sta. 1867, 68°05-06'S 173°38-44'E, 2608-3175 m (B&V 05a).

Scotia Sea: *Eltanin 9*, sta. 704, 58°53-54'S 37°15-19'W, 2901 m (gear: Blake trawl) (B&V 05a).

South Georgia: *Eltanin 22*, sta. 1585, details? (B&V 05a).

South Shetland Islands: *Polarstern ANT XIX/4 (ANDEEP II)*, sta. 114-10, 61°43.08'S 60°41.8'W, 2830-2862 m (gear: Agassiz trawl) (B&V 05a).

Depth range: 2608-3175 m.

Type-locality: South Georgia: *Eltanin 22*, sta. 1585, details? (B&V 05a).

Type specimen location: USNM, Washington.

***Alexandrella subchelata* Holman & Watling, 1983a**

Holman & Watling, 1983a: 42.

Barnard J.L., 1961a: 77, fig. 46. (*Alexandrella dentata*).

Barnard & Karaman, 1991: 703.

Lowry & Stoddart, 2003: 263.

Berge & Vader, 2005a: 1327-1346.

Distribution: E+S(+Ba)

Antipodes Islands: *Eltanin 27*, sta. 1880, 49°40'S 178°53'W, 103 m (B&V 05a).

Weddell Sea: *Polarstern ANT XIX/4 (ANDEEP II)*, sta. 133-3, 65°20'40"S 54°14'11"W, 1123 m (gear: epibenthic sledge) (B&V 05a).

Depth range: 103-1123 m.

Type-locality: Australia: *Galathea*, sta. 554, Great Australian Bight [= SW of Robe, South Australia], 37°28'S 138°55'E, depth 1320-1340 m (bottom/habitat: *Globigerina* ooze) (JLB 61a; H&W 83a).

Extralimital distribution: Australia, Great Australian Bight (JLB 61a); New Zealand, *Eltanin* 26, sta. 4, 41°56'S 160°07'E, 4846-4929 m (B&V 05a).

Extralimital depth range: 1320-4929 m.

Type specimen location: ZMUC, Copenhagen.

***Bathyanoploea polarsterni* Berge & Vader, 2005b**

Berge & Vader, 2005b: 81-83, fig. 1.

Distribution: **W**

South Shetland Islands: *Polarstern ANT XIV/2*, sta.?, 60°54'60"S 55°45'90"W, 235 m (gear: Agassiz trawl) (B&V 05b).

Depth range: 235 m.

Type-locality: South Shetland Islands: *Polarstern ANT XIV/2*, sta.?, 60°54'60"S 55°45'90"W, 235 m (gear: Agassiz trawl) (B&V 05b).

Type specimen location: ZMB, Berlin.

***Bathyanoploea schellenbergi* Holman & Watling, 1983a**

Holman & Watling, 1983a: 47-52, figs. 9-11.

Chilton, 1912a: 487, pl. 2: fig. 19. (*Acanthonotozoma australis*).

Schellenberg, 1931a: 127, pl. 1: fig. c. (junior homonym). (*Iphimediopsis australis*).

Nicholls, 1938: 63, (by implication). (*Iphimediopsis australis*).

Schellenberg, 1939: 137. (by implication). (*Bathyanoploea australis*).

Ruffo, 1949: 18. (by implication). (*Pseudiphimediopsis australis*).

Barnard J.L., 1958e: 17. (*Bathyanoploea australis*).

Non Barnard K.H., 1931: 428. (*Epimeriopsis australis* = *Eclysis similis*).

Lowry & Bullock, 1976: 11. (*Bathyanoploea australis*, in part).

Coleman, 1990c: 198-204, figs. 1-3.

Klages, 1991: 51.

Ren & Huang, 1991: 291-292, 321-323, fig. 64. (*Alexandrella pulchra*).

De Broyer & Jazdzewski, 1993: 96.

Gutt *et al.*, 2000: 84-87.

Dauby, Scailteur & De Broyer, 2001: 69-86. (eco).

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2001: 744-753. (eco).

Distribution: **E+W+G(+Ba)**

Ross Sea: *Eltanin* 32, sta. 2016, 73°59'S 176°11'E, 581-586 m; sta. 2085, 77°31'S 172°32'W, 468-482 m (H&W 83a).

South Georgia: *Eltanin* 9, sta. 684, 54°55'S 38°05'-07'W, 595-677 m (H&W 83a).

South Shetland Islands: *Eltanin* 12, sta. 997, 61°44'-46'S 55°56'-54'W, 769 m (H&W 83a); 61°29.4'S 57°43'E, 462 m (bottom/habitat: sand, rock) (R&H 91).

Southern Ocean, Atlantic Sector: Shag quadrant, 50°19'S 50°50'W, 2675 m (bottom/habitat: coarse gravel, stones) (AS 31a).

Weddell Sea: *Scotia 1902-04*, sta. 417, 71°22'S 16°34'W, 2538 m (CC 12a); eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl); sta. 12 BT 05, South of Vestkapp, 73°18.10'S 21°10.10'W, 459 m (gear: bottom trawl); sta. 15 BT 08, South of Vestkapp, 73°42.00'S 22°30.50'W, 446 m (gear: bottom trawl); sta. 16 BT 09, South of Vestkapp, 73°53.40'S 22°26.90'W, 246 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl); sta. 29 BP 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00); eastern shelf (PD *et al.* 01), 396-672 m (CDB *et al.* 01).

Depth range: 396-2675 m.

Type-locality: Southern Ocean, Atlantic Sector, Shag quadrant: 50°19'S 50°50'W, 2675 m (bottom/habitat: coarse gravel, stones) (AS 31a).

Type specimen location: NRS, Stockholm; IOQ, Qingdao (*Alexandrella pulchra*).

***Stilipes macquariensis* Berge, 2003**

Berge, 2003: 4-5, figs. 3-5.

Distribution: **S(Ba)**

Macquarie Island: *Southern Surveyor*, sta. 5501/52, west of Macquarie Isl., 54°50'5"-54°41'9"S 158°40'99"-158°43'E, 956-959 m.

Depth range: 956-959 m.

Type-locality: Macquarie Island: *Southern Surveyor*, sta. 5501/52, west of Macquarie Isl., 54°50'5"-54°41'9"S 158°40'99"-158°43'E, 956-959 m.

Type specimen location: SAMA, Adelaide.

Family SYNOPIIDAE Dana, 1853

Cardenioine Group

***Cardenio paurodactylus* Stebbing, 1888**

Stebbing, 1888: 806, pl. 53.

Della Valle, 1893: 750, pl. 60: figs. 20, 21.

Stebbing, 1906: 126.

Schellenberg, 1926b: 195.

Barnard K.H., 1932: 91, fig. 43.

Stephensen, 1947a: 37.

Barnard J.L., 1958e: 77.

Thurston & Allen, 1969: 381.

Thurston, 1974b: 41.

Lowry & Bullock, 1976: 70.
 Bellan-Santini & Ledoyer, 1987: 384-385, fig. 11.
 Jażdżewski & De Broyer, 1990: 129-132, fig. 1.
 Barnard & Karaman, 1991: 120.
 Branch *et al.*, 1991: 14, 40, fig. on p.14.
 Jażdżewski *et al.*, 1991: 113.
 Jażdżewski *et al.*, 1992: 466, 470.
 De Broyer & Jażdżewski, 1993: 96.
 Jażdżewski *et al.*, 1996: 372.

Distribution:**W+G+S****Bouvet Island:** 0-70 m (KS 47a).**Iles Kerguelen:** *Challenger 1873-76*, Anse Betsy, surface (TRS 88); no loc. (AS 26c).**Prince Edward Islands:** *Marion Dufresne 08*, sta. 22 DC 124, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand) (BS&L 87); 44-420 m (MLB *et al.* 91).**South Georgia:** *Discovery 1925-27*, sta. MS 65, Cumberland East Bay, 39 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32).**South Orkney Islands:** *Discovery 1925-27*, sta. 164, East end of Normanna Strait, 24-36 m (gear: tow-net of coarse silk) (KHB 32).**South Sandwich Islands:** Visokoi Island, 10-17 m (KS 47a).**South Shetland Islands:** Deception Island (MHT 74b); King George Island, Admiralty Bay (J&DB 90); 4-25 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91, 92).**Depth range:** 0-420 m.**Type-locality:** Iles Kerguelen: *Challenger 1873-76*, Anse Betsy, surface (TRS 88).**Type specimen location:** NHM, London.**Synopiine Group*****Bruzelia poton* J.L. Barnard, 1972c**

Barnard J.L., 1972c: 18, 27, fig. 9, (in key).
 Lowry & Bullock, 1976: 145.
 Barnard & Karaman, 1991: 711.
 De Broyer & Jażdżewski, 1993: 96.

Distribution:**M(Ba)****Southern Ocean, Atlantic Sector,** South of Burdwood Bank, 55°03'S 58°57'W, 2452 m (JLB 72c).**Depth range:** 2452 m.**Type-locality:** Southern Ocean, Atlantic Sector, 55°03'S 58°57'W, 2452 m (JLB 72c).**Type specimen location:** USNM, Washington.***Syrrhoe nodulosa* K.H. Barnard, 1932**

Barnard K.H., 1932: 150, fig. 88.
 Ruffo, 1949: 28, figs. 8,9.
 Barnard J.L., 1958e: 139.
 Barnard J.L., 1972c: 52, 54, (in key).
 Lowry & Bullock, 1976: 145.

Barnard & Karaman, 1991: 716.
 Klages, 1991: 51.
 Jażdżewski *et al.*, 1992: 466.
 De Broyer & Jażdżewski, 1993: 96.
 Jażdżewski *et al.*, 1996: 372.
 Gutt *et al.*, 2000: 84-87.

Distribution:**E+W****Bellingshausen Sea:** *Belgica 1897-99*, 71°18'S 88°02'W; 71°19'S 87°37'W (SR 49).**Palmer Archipelago:** *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (bottom/habitat: mud; gear: nets); sta. 182, Schollaert Channel, 278-500 m (bottom/habitat: mud; gear: nets) (KHB 32).**South Shetland Islands:** *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge); sta. 195, King George Island, Admiralty Bay, 62°07'S 58°28'W, 391 m (bottom/habitat: mud, stones; gear: nets) (KHB 32).**Weddell Sea:** eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 26 DR 20, Kapp Norvegia, 71°29.30'S 14°18.60'W, 216 m (gear: Rauschert dredge); sta. 26 DR 21, Kapp Norvegia, 71°29.30'S 14°19.50'W, 210 m (gear: Rauschert dredge); sta. 32 DR 27, Kapp Norvegia, 70°28.90'S 08°15.10'W, 286 m (gear: Rauschert dredge) (JG *et al.* 00).**Depth range:** 160-620 m.**Type-locality:** Palmer Archipelago: *Discovery 1925-27*, sta. 181, Schollaert Channel, 160-335 m (bottom/habitat: mud; gear: nets) (KHB 32).**Type specimen location:** NHM, London.***Syrrhoe psychrophila* Monod, 1926**

Monod, 1926: 54, fig. 52. (*Syrrhoe crenulata* var. *psychrophila*).
 Schellenberg, 1931a: 159, fig. 83.
 Barnard K.H., 1932: 149, fig. 87.
 Ruffo, 1949: 28.
 Barnard J.L., 1958e: 139.
 Barnard J.L., 1972c: 52, 56, (in key).
 Lowry & Bullock, 1976: 145.
 Barnard & Karaman, 1991: 716.
 Klages, 1991: 51.
 De Broyer & Jażdżewski, 1993: 97.
 Gutt *et al.*, 2000: 84-87.

Distribution:**E+G****Bellingshausen Sea:** *Belgica 1897-99*, 70°48'S 91°54'W, 400 m; 71°19'S 87°37'W, 400 m (TM 26), (SR 49).**South Georgia:** mouth of Cumberland Bay, 250-300 m (bottom/habitat: grayish clay, stones) (AS 31a); *Discovery 1925-27*, sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey

mud; gear: nets, tow-net of coarse silk); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk); sta. 156, 53°51'S 36°21'W, 200-236 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Weddell Sea: eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 02 MG 29, Kapp Norvegia, 71°18.60'S 12°25.40'W, 181 m (gear: multibox corer); sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 25 DR 19, Kapp Norvegia, 71°22.90'S 14°19.20'W, 622 m (gear: Rauschert dredge); sta. 26 DR 20, Kapp Norvegia, 71°29.30'S 14°18.60'W, 216 m (gear: Rauschert dredge); sta. 26 DR 21, Kapp Norvegia, 71°29.30'S 14°19.50'W, 210 m (gear: Rauschert dredge); sta. 29 BP 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl) (JG *et al.* 00).

Depth range: 122-622 m.

Type-locality: Bellingshausen Sea: *Belgica 1897-99*, 70°48'S 91°54'W, 400 m; 71°19'S 87°37'W, 400 m (TM 26).

Type specimen location: IRScNB, Brussels.

Syrrhoë tuberculata Dahl, 1954

Dahl, 1954: 290, figs. 36-41.

Barnard J.L., 1958e: 139.

Barnard J.L., 1972c: 52, 64, (in key).

Lowry & Bullock, 1976: 145-146.

Barnard & Karaman, 1991: 716.

De Broyer & Jazdzewski, 1993: 97.

Distribution:

E(Ba)

Ross Sea: 'Discovery Inlet', 550 m (ED 54).

Depth range: 550 m.

Type-locality: Ross Sea: 'Discovery Inlet', 550 m (ED 54).

Type specimen location: NRS, Stockholm ?

Syrrhoites anaticauda K.H. Barnard, 1930

Barnard K.H., 1930: 367, fig. 37.

Barnard K.H., 1932: 151, fig. 89.

Barnard J.L., 1958e: 139.

Barnard J.L., 1964a: 26, 31, (in key).

Barnard J.L., 1967a: 173, (in key).

Barnard J.L., 1969c: 462.

Barnard J.L., 1972c: 65, (in key).

Lowry & Bullock, 1976: 146.

Voss, 1988: 54.

Barnard & Karaman, 1991: 717.

Klages, 1991: 51.

De Broyer & Jazdzewski, 1993: 97.

Gutt *et al.*, 2000: 84-87.

Distribution:

E+W

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Ross Sea: *Terra Nova 1910*, sta. 351, McMurdo Sound, 205 m (KHB 30).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: mud; gear: large heavy dredge) (KHB 32).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); eastern shelf (MK 91); *Polarstern ANT XIII/3 (EASIZ I)*, sta. 01 BT 01, Kapp Norvegia, 71°03.10'S 11°25.50'W, 462 m (gear: bottom trawl); sta. 29 BP 04, Kapp Norvegia, 71°31.50'S 12°25.50'W, 504 m (gear: benthopelagic trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 09 DR 22, Kapp Norvegia, 71°34.70'S 12°26.60'W, 560 m (gear: Rauschert dredge); sta. 32 DR 27, Kapp Norvegia, 70°28.90'S 08°15.10'W, 286 m (gear: Rauschert dredge); sta. 11 BT 04, South of Vestkapp, 73°22.60'S 21°10.60'W, 338 m (gear: bottom trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 17 BT 10, South of Vestkapp, 73°18.00'S 21°09.90'W, 468 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 200-620 m.

Type-locality: Ross Sea: *Terra Nova 1910*, sta. 351, McMurdo Sound, 205 m (KHB 30).

Type specimen location: NHM, London.

Syrrhoites sorpresa (J.L. Barnard, 1962d)

Barnard J.L., 1962d: 57, fig. 48, table 9, (in key). (*Kindia sorpresa*).

Barnard J.L., 1964a: 26, 31, (in key).

Barnard J.L., 1967a: 172, 185, (in key).

Barnard J.L., 1969c: 462.

Barnard J.L., 1972c: 65, 76, fig. 40, 41, (in key).

Lowry & Bullock, 1976: 146.

Barnard & Karaman, 1991: 717.

De Broyer & Jazdzewski, 1993: 97.

Distribution:

W+(Ba+Ab)

Drake Passage: 61°09'S 67°51'W, 3867-4086 m (JLB 72c).

Depth range: 3867-4086 m.

Type-locality: Cape Basin: *Vema 14*, sta. 54, 34°35'S 17°31'E, 1861 m (gear: small benthic trawl) (JLB 62d).

Extralimital distribution: Cape Basin: *Vema 14*, sta. 54, 34°35'S 17°31'E, 1861 m (gear: small benthic trawl) (JLB 62d).

Extralimital depth range: 1861 m.

Type specimen location: LGOC, New York.

***Tiron antarcticus* K.H. Barnard, 1932**

Barnard K.H., 1932: 148, fig. 86.
 Barnard J.L., 1958e: 139.
 Barnard J.L., 1972c: 84.
 Lowry & Bullock, 1976: 146.
 Jazdzewski, 1990: 110-117, figs. 1-5.
 Barnard & Karaman, 1991: 717.
 De Broyer & Jazdzewski, 1993: 97.
 Gutt *et al.*, 2000: 84-87.

Distribution: **E+W+G(+Ba)**

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

South Georgia: *Discovery 1925-27*, sta. WS 33, 54°59'S 35°24'W, 130 m (bottom/habitat: 130 m, grey mud, stones; gear: tow-net) (KHB 32).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 31 DR 26, Kapp Norvegia, 70°30.90'S 10°44.20'W, 1586 m (gear: Rauschert dredge); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 130-1586 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. WS 33, 54°59'S 35°24'W, 130 m (bottom/habitat: 130 m, grey mud, stones; gear: tow-net) (KHB 32).

Type specimen location: NHM, London.

Family VALETTIDAE Stebbing, 1888***Valettia coheres* Stebbing, 1888**

Stebbing, 1888: 724, pl. 34.
 Stebbing, 1906: 22.
 Schellenberg, 1955: 191.
 Barnard J.L. 1958b: 102.
 Mills, 1972a: 77, table 1.
 Lowry & Bullock, 1976: 112.
 Barnard & Karaman, 1991: 539-540.
 De Broyer & Jazdzewski, 1993: 100.

Distribution: **E(Ab)**

Southern Ocean, Indian Sector: *Challenger 1873-76*, sta. 156, 62°26'S 95°44'E, 3612 m (bottom/habitat: diatom ooze; gear: trawl) (TRS 88).

Depth range: 3612 m.

Type-locality: Southern Ocean, Indian Sector: *Challenger 1873-76*, sta. 156, 62°26'S 95°44'E, 3612 m (bottom/habitat: diatom ooze; gear: trawl) (TRS 88).

Type specimen location: NHM, London.

Family VICMUSIIDAE Just, 1990***Acanthonotozomopsis pushkini* (Bushueva, 1978)**

Bushueva, 1978: 450-453, fig. (*Acanthonotozomella pushkini*).
 Watling & Holman, 1980: 614-615.
 De Broyer, 1983: 293-294, figs 94-95.
 Watling & Thurston, 1989: 310, fig. 3i.
 Barnard & Karaman, 1991: 388.
 De Broyer & Jazdzewski, 1993: 23.
 Just, 1995: 1005-1008.
 Jazdzewski *et al.*, 1996: 369.

Distribution:

E+W

Davis Sea: Haswell Island, 24-45 m (TVB 78).

Enderby Land: *PABE III*, sta. 47, Alasheyev Bight, near Molodezhnaya Station, 30 m (CDB 83).

South Shetland Islands: King George Island, Admiralty Bay (KJ *et al.* 96).

Depth range: 24-45 m.

Type-locality: Davis Sea: Haswell Island, 24-45 m (TVB 78).

Type specimen location: ZIN, St Petersburg.

Infraorder TALITRIDA Rafinesque, 1815

[Serejo, 2004]

Superfamily PHLIANTOIDEA Stebbing, 1899

[Serejo, 2004]

Family EOPHLIANTIDAE Sheard, 1936***Bircenna fulva* Chilton, 1884a**

Chilton, 1884a: 264, pl. 21, fig. 1.
 Thomson & Chilton, 1886, 149.
 Stebbing, 1906: 205.
 Chilton, 1909a: 59-62, figs. 1-3.
 Barnard J.L., 1972b: 180-183, fig. 67 o, 100-102.
 Kreibohm de Paternoster & Escofet, 1976: 83-87, pls. 4-5.
 Alonso, 1980: 6-7, pl. 3.
 Lopez Gappa *et al.*, 1982: 76, table 1.
 De Broyer & Jażdżewski, 1993: 33.
 Adami & Gordillo, 1999: 186.
 Chiesa *et al.*, 2005: 170.

***Distribution:* S+**

Magellan area: Santa Cruz, Ria Deseado, Peninsula Foca; Punta Cavendish (bottom/habitat: associated to *Macrocystis pyrifera* holdfasts) (GMA 80); Southern Tierra del Fuego, Santa Cruz, Ria Deseado, 47°45'S 65°54'W (JLG *et al.* 82); Canal Beagle (A&G 99); southern Tierra del Fuego, Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge) (ILC *et al.* 05).

Depth range: 0-25 m.**Type-locality:** Australia (CC 84a).

Extralimital distribution: Australia; New Zealand; Argentina, Chubut (Punta Norte, Bahia Camarones, Caleta Carolina; bottom/habitat: associated to hapters and stipes of *Macrocystis pyrifera*) (KP&E 76).

Extralimital depth range:**Type specimen location:*****Bircenna* sp. Stephensen, 1949**

Stephensen, 1949: 14, fig. 4. (*Bircenna ?crassipes*).
 Lowry & Bullock, 1976: 39. (*Wandelia crassipes*, in part).
 Barnard & Karaman, 1991: 281. (*Bircenna* sp.).
 De Broyer & Jażdżewski, 1993: 34. (*Bircenna* sp.).

***Distribution:* T**

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha 1937-38*, sta. 94, Nightingale Island, 0 m; sta. 117, Nightingale Island, 5-10 m; sta. 155, Nightingale Island, 8-9 m (KS 49).

Depth range: 0-10 m.***Cylindrylloides mawsoni* Nicholls, 1938**

Nicholls, 1938: 59, figs. 30, 31.
 Nicholls, 1939: 333.
 Barnard J.L., 1958e: 126.
 Barnard J.L., 1964c: 56.

Barnard J.L., 1972b: 183.
 Arnauld, 1974: 559, table 19. (eco).
 Bellan-Santini & Ledoyer, 1974: 649, pl. 6.
 Lowry & Bullock, 1976: 38.
 Barnard & Karaman, 1991: 282, 283.
 Branch *et al.*, 1991: 10,40, fig. on p.10.
 De Broyer & Jażdżewski, 1993: 34.
 Lowry & Stoddart, 2003: 108.

Distribution:* S*Iles Crozet:** Ile de l'Est, Anse de l'Aventure (BS&L 74).**Iles Kerguelen:** Golfe du Morbihan, Port Douzième, littoral; Port-aux-Français, 2 m (BS&L 74).**Macquarie Island:** (GEN 38); (L&S 03).**Depth range:** 0-2 m.**Type-locality:** Macquarie Island: (GEN 38).**Type specimen location:** AM, Sydney.***Wandelia crassipes* Chevreux, 1906d**

Chevreux, 1906d: 87, figs. 1, 2.
 Chevreux, 1906e: 45, figs. 24-26.
 Chilton, 1909a: 62. (*Bircenna crassipes*).
 Chilton, 1912a: 484. (*Bircenna crassipes*).
 Chevreux, 1913c: 113. (*Bircenna crassipes*).
 Sheard, 1936b: 460, (in key). (*Bircenna crassipes*).
 Nicholls, 1939: 324.
 Stephensen, 1947a: 49. (*Bircenna crassipes*).
 ? Stephensen, 1949: 14, fig. 4. (questioned by Thurston, 1974a). (*Bircenna crassipes*).
 Barnard J.L., 1958e: 126. (*Bircenna crassipes*).
 Barnard J.L., 1964c: 56.
 Barnard J.L., 1972b: 187.
 Arnaud, 1974: 565. (eco). (*Bircenna crassipes*).
 Thurston, 1974a: 28, fig. 10h.
 Thurston, 1974b: 20.
 Lowry & Bullock, 1976: 39.
 Barnard & Karaman, 1991: 283, 284.
 Jażdżewski *et al.*, 1991: 110.
 Rauschert, 1991: 20-36.
 Jażdżewski *et al.*, 1992: 463, 468.
 De Broyer & Jażdżewski, 1993: 34.
 Jażdżewski *et al.*, 1996: 369.

Distribution:* W+T*Palmer Archipelago:** Port Lockroy, Lecuyer Point, Peltier Channel, 18 m, Goudier Island, 1 m (MHT 74b).**South Orkney Islands:** *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, 16-18 m (CC 12a); Signy Island, Borge Bay, 2-10 m (MHT 74a).**South Shetland Islands:** Deception Island, 25 m (KS 47a); King George Island, Maxwell Bay; Fildes Strait, 11 stations, 5-20 m (gear: SCUBA; Dredge) (MR 91); Admiralty Bay, 20-126 m (KJ *et al.* 92).**Tristan da Cunha:** *Norw. Sci. Exp. Tristan da Cunha 1937-38*, Nightingale Island: sta. 94, 0 m; sta. 117, 5-10 m; sta. 155, 8-9 m (KS 49).

Wilhelm Archipelago: Booth Island, Port Charcot, 20-40 m; Petermann Island, 3 m (EC 06d).

Depth range: 1-126 m.

Type-locality: Wilhelm Archipelago: Booth Island, Port Charcot, 20-40 m (EC 06d).

Type specimen location: MNHN, Paris.

Family PHLIANTIDAE Stebbing, 1899

Iphinotus typicus (Thomson, 1882)

Thomson, 1882: 237, pl. 18: fig. 4. (*Iphigenia typica*).

Thomson & Chilton, 1886: 144. (*Iphigenia typica*).

Stebbing, 1899c: 419, pl. 35b. (*Iphinotus chiltoni*).

Stebbing, 1899c: 420. (*Iphigenia typica*).

Thomson, 1902: 464. (*Iphinotus typica*).

Hutton, 1904: 260. (*Iphinotus typica*).

Stebbing, 1906: 204, 726.

Stephensen, 1927e: 313.

Barnard J.L., 1958e: 110.

Barnard J.L., 1972b: 24, 193, figs. 67n, 107-109, (in key).

Lowry, 1974a: 115, 127, fig. 11a, (in key).

Lowry & Bullock, 1976: 125.

Barnard & Karaman, 1991: 586.

De Broyer & Jazdzewski, 1993: 83.

Distribution:

S+

Auckland Islands: Carnley Harbour, Masked Island, rocky coast (KS 27e).

Depth range:

Type-locality: New Zealand: Otago Harbour (GMT 82).

Extralimital distribution: New Zealand.

Extralimital depth range:

Type material location:

Superfamily TALITROIDEA Rafinesque, 1815

[Serejo, 2004]

Family DOGIELINOTIDAE Gurjanova, 1953

Subfamily Dogielinotinae Gurjanova, 1953

Allorchestes compressa Dana, 1852a

Dana, 1852a: 205.

Dana, 1852a: 206. (*Allorchestes australis*).

Dana, 1853: 884, pl. 60: fig. 1. (*Allorchestes gaimardii*).

Dana, 1853: 892, pl. 60: fig. 7. (*Allorchestes australis*).

Bate, 1862: 41, pl. 6: fig. 9. (*Allorchestes gaimardii*).

Bate, 1862: 45, pl. 7: fig. 6. (*Allorchestes australis*).

Haswell, 1880a: 101, pl. 6: fig. 2. (*Aspidophoreia diemenensis*).

Della Valle, 1893: 519. (*Hyale prevostii*, in part).

Della Valle, 1893: 523, 528, 530. (*Hyale pontica*, in part).

Stebbing, 1899c: 410, pl. 33b. (*Allorchestes compressus*).

Stebbing, 1906: 581. (*Allorchestes compressus*).

Stebbing, 1910a: 647. (*Allorchestes compressus*).

? Stephensen, 1927e: 351. (questioned by Barnard J.L., 1972b, 1974a). (*Allorchestes compressus*).

? Stephensen, 1938c: 261. (questioned by Barnard J.L., 1972b). (*Allorchestes compressus*).

Hurley, 1957b: 927. (*Allorchestes compressus*).

Barnard J.L., 1958e: 80. (*Allorchestes compressus*).

Bousfield, 1964: 45-46, fig. 5. (*Allorchestes compressus*).

Barnard J.L., 1972b: 167.

Barnard J.L., 1974b: 43-49, figs. 29-32.

Lowry & Bullock, 1976: 146-147.

Barnard J.L., 1979: 90.

Barnard & Karaman, 1991: 367.

De Broyer & Jazdzewski, 1993: 52.

Hendrycks & Bousfield, 2001: 7-13.

Pugh *et al.*, 2002: 1074.

Lowry & Stoddart, 2003: 126-127.

Distribution:

S+

Auckland Islands: Port Ross, shore (KS 27e).

Campbell Island: Perseverance Harbour (KS 38c).

Depth range: 0 m.

Type-locality: Australia: New South Wales, shores of Illawarra (JDD 53).

Extralimital distribution: S. and W. coasts of Australia; Tasmania (ELB 64).

Extralimital depth range:

Ecology: Habitat: stony shores, from LW to HW levels (ELB 64).

Type specimen location: Unknown (lost? L&S 03).

Allorchestes novizealandiae Dana, 1852a

Dana, 1852a: 207. (*Allorchestes novi-zealandiae*).

Dana, 1852a: 207. (*Allorchestes intrepida*).

Dana, 1853: 894, pl. 61: fig. 1. (*Allorchestes novi-zealandiae*).

Bate, 1862: 37, pl. 6: fig. 3. (*Allorchestes novae-zealandiae*).

Miers, 1876: 125. (*Allorchestes novae-zealandiae*).

Thomson & Chilton, 1886: 144. (*Allorchestes neo-zealandica*).

Thomson, 1889: 206. (*Hyale chiltoni*).

? Thomson, 1889: 260, pl. 13: fig. 3. (questioned by Barnard J.L., 1972b). (*Allorchestes neo-zealandica*).

Della Valle, 1893: 519. (*Hyale prevostii*, in part).

Thomson, 1899: 204. (*Hyale prevostii*, in part).

Stebbing, 1906: 581.

Walker, 1908: 38.

Chilton, 1909b: 645. (*Allorchestes novae-zealandiae*).

Thomson, 1913: 245.

Chilton, 1926b: 517, figs. 3, 4. (*Hyale chiltoni*).

Stephensen, 1938c: 261.

Hurley, 1957b: 927, figs. 147-169.

Barnard J.L., 1958e: 80.

Barnard J.L., 1972b: 30, 167, (in key).

Arnaud, 1974: 560. (eco). (*Hyale novaezealandiae*).

Barnard J.L., 1974b: 49.

Lowry, 1974a: 120, 128, fig. 12e-f, (in key).

Lowry & Bullock, 1976: 147.

Barnard & Karaman, 1991: 367.

De Broyer & Jazdzewski, 1993: 52.

Distribution: S+
Auckland Islands: Ewing Island; Enderby Island (AOW 08).
Depth range:
Type-locality: New Zealand: Bay of Islands, Parua Harbour (JDD 53).
Extralimital distribution: New Zealand.
Extralimital depth range:
Type specimen location:

Allorchestes sp.1 Stephensen, 1938c

Stephensen, 1938c: 261.
 Lowry & Bullock, 1976: 147.
 Barnard & Karaman, 1991: 366-367.
 De Broyer & Jazdzewski, 1993: 52. (*Allorchestes* sp.2).

Distribution: S+
Campbell Island: Perseverance Harbour, 42 m (KS 38c).
Depth range: 42 m.
Extralimital distribution: New Zealand.
Extralimital depth range:

Family HYALIDAE Bulycheva, 1957

Subfamily Hyalinae Bulycheva, 1957

***Apothyale grandicornis* (Krøyer, 1845)**

Krøyer, 1845: 292, pl. 1: fig. 2a-n. (*Orchestia grandicornis*).
 Nicolet, 1849: 238, pl. 2: fig. 7. (*Nicea lucasii*).
 Dana, 1852a: 205. (*Allorchestes verticillata*).
 Dana, 1852a: 206. (*Allorchestes peruviana*).
 Dana, 1853: 886, pl. 60: fig. 2, 3. (*Allorchestes verticillata*).
 Bate, 1862: 43, pl. 7: fig. 1. (*Allorchestes verticillatus*).
 Thomson, 1879b: 235, pl. 10: fig. B1. (*Nicea novae-zealandiae*).
 Thomson & Chilton, 1886: 144. (*Nicea neo-zelanica*).
 Stebbing, 1888: 210.
 Stebbing, 1888: 500. (*Hyale novae-zealandiae*).
 Della Valle, 1893: 519. (*Hyale prevostii*, in part; part = *Hyale hirtipalma*).
Thomson, 1895: 211. (*Hyale novae-zealandiae*).
 Stebbing, 1906: 566.
 Stebbing, 1906: 567. (*Hyale novae-zealandiae*).
 Chilton, 1909b: 643. (*Hyale novae-zealandiae*).
 Chilton, 1912a: 508. (*Hyale grandicornis*).
 Barnard K.H., 1916: 230.
 Schellenberg, 1935a: 227, 233.
? Nicholls, 1938: 125, fig. 64d-f. (*Hyale novae-zealandiae*, in part; not Adélie Coast material).
 Barnard K.H., 1940: 476, 518, fig. 34.
 Barnard K.H., 1940: 477, fig. 34b-c. (*Allorchestes inquirendus*).
Stephensen, 1949: 33, figs. 14, 15.

Ruffo, 1950: 55.
Macnae, 1953: 1028.
 Barnard K.H., 1955: 93, fig. 46.
 Hurley, 1957b: 904, 931, (in key).
 Hurley, 1957b: 904, figs. 1-23, (in key). (*Hyale grandicornis* f. *novae-zealandiae*).
 Barnard J.L., 1958e: 81.
Kenny & Haysom, 1962: 248, 250, 252, 256, 260, tables 2-4. (eco). (*Hyale novae-zealandiae*).
Barnard K.H., 1965: 208.
 Barnard J.L., 1970a: 254.
 Day, Field & Penrith, 1970: 53. (eco).
 Barnard J.L., 1972b: 30, 167, (in key).
 Griffiths, 1973: 299.
 Sanderson, 1973: 27.
 Griffiths, 1974a: 202. (*Allorchestes inquirendus*).
 Griffiths, 1974a: 203.
 Griffiths, 1974b: 254.
 Griffiths, 1974c: 328. (*Allorchestes inquirendus*).
 Griffiths, 1974c: 328.
 Griffiths, 1975: 168.
Lowry & Bullock, 1976: 147-148.
 Barnard J.L., 1979: 114-115.
Barnard & Karaman, 1991: 369.
Gonzalez, 1991a: 56-57.
 Gonzalez, 1991b: 135-138, figs. 8-10.
Branch et al., 1991: 16, 39-40, fig.
De Broyer & Jazdzewski, 1993: 52. (*Hyale grandicornis*).

Distribution: S+T++
Gough Island: 40°21'S 09°55'W; Glen Mouth; Dell Rocks (KHB 65).
Macquarie Island: no loc. (GMT 95); Aerial Cove, shore; North End, beach (GEN 38); Buckles Bay, mean sea level-low neap tide (K&H 62).
Prince Edward Islands: 0-10 m (MLB et al. 91b).
Tristan da Cunha: *Scotia 1902-04*, sta. 461, Gough Island, shore (CC12a); *Norw. Sci. Exp. Tristan da Cunha 1937-38*, Tristan da Cunha Island: sta. 13, 0 m; sta. 16, 0 m; sta. 67, 0 m; sta. 79, 0 m; sta. 170, 0 m; Nightingale Island: sta. 84a, 0 m; sta. 92, 0 m; sta. 96, 0 m; sta. 100, 0 m; sta. 101, 0 m; sta. 104, 0 m; sta. 105, 0 m; sta. 106a, 0 m; sta. 113, 0 m; sta. 113a-c, 2-5 m above sea level; from the stomach of *Diomedea chlororhynchus*; sta. 120b-c, 0 m; sta. 160, 0 m (KS 49); Tristan da Cunha Island, beach (bottom/habitat: among corallines) (WM 53).
The Snares: no loc. (CC 09b).
Depth range: 0-45 m.
Type-locality: Chile: Valparaiso (HK 45).
Extralimital distribution: Chile; Hawaii; New Zealand; Southern Africa.
Extralimital depth range:
Type specimen location:
Remarks: Nicholls (1938)'s identification of Adélie Coast material doubtful.

***Apohyale hirtipalma* (Dana, 1852a)**

- Dana, 1852a: 205. (*Allorchestes hirtipalma*).
 Dana, 1853: 888. (*Allorchestes hirtipalma*).
 Dana, 1855: pl. 60: fig. 4a-i. (*Allorchestes hirtipalma*).
 Bate, 1862: 40, pl. 6: fig. 7. (*Allorchestes inca*).
Smith, 1876: 58. (*Hyale villosa*).
Miers, 1879a: 206. (*Hyale villosa*).
Thomson, 1879b: 236, pl. 10: fig. B2. (*Nicea fimbriata*).
 Thomson & Chilton, 1886: 144. (*Nicea fimbriata*).
Pfeffer, 1888: 77, pl. 1: fig. 1a-n. (*Allorchestes georgianus*).
 Stebbing, 1888: 500. (*Hyale fimbriata*).
 Della Valle, 1893: 519. (*Hyale prevostii*, in part; part = *Hyale grandicornis*).
 Thomson, 1895: 211. (*Hyale fimbriata*).
 Stebbing, 1906: 564.
 Stebbing, 1906: 572. (*Hyale georgiana*).
 Stebbing, 1906: 574. (*Hyale villosa*).
 Walker, 1908: 37, pl. 5: figs. 5-7. (*Hyale trigonochir*).
Chilton, 1909b: 643. (*Hyale hirtipalma*).
 Chilton, 1913: 55. (*Hyale hirtipalma*).
 Barnard K.H., 1916: 234. (*Hyale hirtipalma*).
 Barnard K.H., 1916: 235. (according to Griffiths, 1975). (*Hyale macrodactyla*).
Schellenberg, 1926a: 371. (*Hyale hirtipalma*).
Stephensen, 1927e: 351. (*Hyale hirtipalma*).
Schellenberg, 1931a: 226. (*Hyale hirtipalma*).
 Schellenberg, 1935a: 233. (*Hyale hirtipalma*).
Nicholls, 1938: 124, fig. 64a-c. (*Hyale hirtipalma*).
Stephensen, 1938c: 241, 261. (*Hyale hirtipalma*).
Stephensen, 1947a: 68. (*Hyale hirtipalma*).
Stephensen, 1949: 30, fig. 13. (*Hyale hirtipalma*).
 Ruffo, 1950: 56, 58. (*Hyale hirtipalma*).
 Hurley, 1957b: 904, 922, figs. 118-146, (in key). (*Hyale hirtipalma*).
 Barnard J.L., 1958e: 81. (*Hyale hirtipalma*).
Kenny & Haysom, 1962: 256, 260, table 4. (eco). (*Hyale hirtipalma*).
Barnard K.H., 1965: 207. (*Hyale hirtipalma*).
 Day, Field & Penrith, 1970: 53. (eco). (*Hyale hirtipalma*).
 Barnard J.L., 1972b: 30, 167, (in key). (*Hyale hirtipalma*).
 Sanderson, 1973: 27. (*Hyale hirtipalma*).
Arnaud, 1974: 544. (eco). (*Hyale hirtipalma*).
Bellan-Santini & Ledoyer, 1974: 701. (*Hyale hirtipalma*).
 Griffiths, 1974a: 203. (*Hyale hirtipalma*).
 Griffiths, 1975: 169. (*Hyale hirtipalma*).
Lowry & Bullock, 1976: 148-149. (*Hyale hirtipalma*).
Alonso, 1980: 12-13. (*Hyale hirtipalma*).
Barnard & Karaman, 1991: 369. (*Hyale hirtipalma*).
Gonzalez, 1991a: 57. (*Hyale hirtipalma*).
 Gonzalez, 1991b: 129-132, figs. 3-5. (*Hyale hirtipalma*).
 Gonzalez, 1991c: 100, fig. 5. (*Hyale hirtipalma*).
Branch et al., 1991: 16, 39-41, fig. (*Hyale hirtipalma*).
De Broyer & Jazdzewski, 1993: 52. (*Hyale hirtipalma*).
De Broyer & Rauschert, 1999: 284, table 1. (*Hyale hirtipalma*).

Distribution:**G+S+M+T++****Antipodes Islands:** no loc. (CC 09b).**Auckland Islands:** Enderby Island (AOW 08); Port Ross, shore (KS 27e).**Campbell Island:** Perseverance Harbour (CC 09b), shore (KS 27e).**Iles Crozet:** Crique du Navire [Ship Cove]; Ile de la Possession (KS 47a); Ile de l'Est, Anse de l'Aventure (BS&L 74).**Falkland Islands:** Port Louis, low tide (AS 31a).**Gough Island:** Glen Mouth, beach debris; Dell Rocks; Pinguin Island; Half Way Cove; West Point Reef (KHB 65)**Iles Kerguelen:** no loc., low tide (SIS 76); Baie de l'Observatoire, low tide (AS 26a); Golfe du Morbihan, low tide; Baie Larose, low tide; Ile aux Moules, low tide; Port-aux-Francais, low tide (BS&L 74).**Macquarie Island:** (GMT 79b); low tide (GEN 38); Buckles Bay (K&H 62).**Magellan area:** Punta Arenas, low tide (bottom/habitat: sand, stones); Isla Basket, Puerto Toro, low tide; Isla Lennox, low tide (bottom/habitat: beach); Bahia Ushuaia, low tide (AS 31a); Estrecho de Magallanes (EG 91a).**Prince Edward Islands:** 0-15 m (MLB et al. 91).**South Georgia:** no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W, low tide (GP 88); Cumberland Bay, intertidal (bottom/habitat: algae); off Grytviken (AS 31a); Elsehul (KS 38c).**Tristan da Cunha:** *Norw. Sci. Exp. Tristan da Cunha 1937-38*, Tristan da Cunha Island: sta. 1, 4-5 m; sta. 12, 0 m; sta. 13d, 0 m; sta. 15, 0 m; sta. 16, 0 m; sta. 26, 6-8 m; sta. 39a, 0 m; sta. 40, 3-13 m; sta. 41, 3-12 m; sta. 46, 0 m; sta. 47, 0 m; sta. 49, 0 m; Seal Bay; sta. 51, 5-10 m; sta. 52, 0 m; sta. 54, 13-28 m; sta. 65, 0 m; sta. 73, 0 m; sta. 78, 0 m; sta. 163, 0 m; sta. 166a-b, 0 m; sta. 167a-b, 0 m; sta. 168a-b, 0 m; sta. 169, 0 m; sta. 170, 0 m; sta. 171, 0 m; Nightingale Island: sta. 90, 0 m; sta. 94, 0 m; sta. 96, 0 m; sta. 101, 0 m; sta. 107, 0 m; sta. 108, 0 m; sta. 113, 0 m; Inaccessible Island, sta. 125a-c, 0 m; sta. 126c-e, 0 m; sta. 128, 0 m; sta. 123a-c, 0 m; sta. 156, 5-8 m; sta. 157, 5-8 m; sta. 160, 0 m; sta. 160d-e, 0 m (KS 49).**Depth range:** 0-28 m.**Type-locality:** Chile: Valparaiso, shore (JDD 52a; JDD 53).**Extralimital distribution:** Chile, Valparaiso, shore (JDD 52a); 29°58'S – 33°32'S (EG 91b); Peru, San Lorenzo Island, shore; New Zealand; Southern Africa.**Extralimital depth range:****Type specimen location:** MCSN, Verona.**Remarks:** The synonymy remains to be checked.***Apohyale media* (Dana, 1853)****Dana, 1853: 898-899. (*Allorchestes media*).**Dana, 1855: pl. 61: fig. 4. (*Allorchestes media*).Stebbing, 1906: 569-570. (*Hyale media*).**Stephensen, 1949: 37-41, figs. 16-17. (*Hyale media*).**Ruffo, 1950: 60-62, pl. IV: figs. 5-10, pl. V. (*Hyale media*).**Macnae, 1953: 1029. (*Hyale media*).**Hurley, 1957a: 916-919, figs. 72-90. (*Hyale media*).Barnard J.L., 1972b: 168. (*Hyale media*).

Barnard J.L., 1974b: 63. (*Hyale media*).
 Underwood & Versteegen, 1988:
 Barnard & Karaman, 1991: 370. (*Hyale media*).
 Gonzalez 1991a: 57. (*Hyale media*).
 Gonzalez 1991b: 138-141, figs. 11-13. (*Hyale media*).
 Wakabara *et al.*, 1991: 73-75. (*Hyale media*).

De Broyer & Jazdzewski, 1993: 52. (*Hyale media*).

De Broyer & Rauschert, 1999: 284, table 1. (*Hyale media*).

Serejo, 1999: 596-600, figs. 3-4. (*Hyale media*).

Lowry & Stoddart, 2003: 129.

Distribution: ?M+T++
 ? **Magellan area:** "one specimen probably from Tierra del Fuego" (JDD 53)

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha 1937-38*, Tristan da Cunha Island: sta. 12, 0 m; sta. 13, 0 m; sta. 15, 0 m; sta. 16, 0 m; sta. 27, 3 m; sta. 39, 0 m; sta. 46, 0 m; sta. 47, 0 m; sta. 49, 0 m; Seal Bay; sta. 51, 5-10 m; sta. 55, 6-18 m; sta. 65, 0 m; sta. 70, 0 m; sta. 71, 0 m; sta. 73, 0 m; sta. 167, 0 m; sta. 168, 0 m; sta. 169, 0 m; sta. 171, 0 m; Nightingale Island: sta. 85, 0 m; sta. 90, 0 m; sta. 93, 0 m; sta. 94, 0 m; sta. 101, 0 m; sta. 108, 0 m; sta. 109, 0 m; sta. 110, 2-10 m; sta. 112, 0 m; sta. 113, 0 m; Inaccessible Island: sta. 127, 0 m; sta. 145, 0 m; sta. 150, 9 m; sta. 153, 7-8 m; sta. 155, 8-9 m; sta. 156, 5-8 m; sta. 157, 0 m; sta. 160, 0 m (KS 49); Tristan da Cunha Island, in tidal ponds and under stones; Nightingale Island, in tidal pond and under stones (WM 53).

Depth range: 0-18 m.

Type-locality: Rio de Janeiro, dredged in the harbour; also Cape Verde Islands, Porto Praya (JDD 52a; JDD 53)

Extralimital distribution: Brazil; Cape Verde Islands (JDD 53); Chili, 29°58'S to 33°32'S (EG 91b); Australia: Bass Strait; Central East coast (L&S 03). Temperate southern Pacific Ocean; southern Indian and Atlantic Ocean.

Extralimital depth range:

Type specimen location: USNM, Washington.

?*Protohyale (Protohyale) campbellica* (Filhol, 1885a)

Filhol, 1885a: 466. (*Allorchestes campbellica*).
 Stebbing, 1906: 562. (*Hyale campbellica*).
 Chilton, 1909b: 644. (*Hyale campbellica*).
 Ruffo, 1950: 58. (*Hyale campbellica*).
 Hurley, 1957b: 903, 909, (in key). (*Hyale campbellica*).
 Barnard J.L., 1958e: 81. (*Hyale campbellica*).
 Barnard J.L., 1972b: 167. (*Hyale campbellica*).
 Lowry & Bullock, 1976: 147. (*Hyale campbellica*).
 Barnard & Karaman, 1991: 369. (*Hyale campbellica*).
 De Broyer & Jazdzewski, 1993: 52. (*Hyale campbellica*).

Distribution: S
Campbell Island: Perseverance Harbour (HF 85a).

Depth range:

Type-locality: Campbell Island: Perseverance Harbour (HF 85a).

Type specimen location:

***Protohyale (Protohyale) macrodactyla* (Stebbing, 1899)**

Stebbing, 1899: 404, pl. 31d. (*Hyale macrodactyla*).
 Stebbing, 1906: 564, fig. 96. (*Hyale macrodactyla*).
 Barnard K.H., 1916: 235. (*Hyale macrodactyla*).
 Chevreux, 1925: 366. (*Hyale macrodactyla*).
 Shoemaker, 1935: 243. (*Hyale macrodactyla*).
 Schellenberg, 1938: 68. (*Hyale macrodactyla*).
 Schellenberg, 1939: 129, figs. 11-16. (*Hyale macrodactyla*).
 Macnae, 1953: 1028. (*Hyale macrodactyla*).
 Ledoyer, 1986: 998. (*Hyale macrodactyla*).
 Barnard & Karaman, 1991: 369. (*Hyale macrodactyla*).

Distribution: T+
Tristan da Cunha: in the lower intertidal region (bottom/habitat: among cushions of *Codium*) (WM 53).

Depth range: 0 m.

Type-locality: West Indies, St. Thomas Harbour (TRS 99).

Extralimital distribution: West Indies, St. Thomas Harbour; Porto Rico; Rio de Janeiro; South Africa, near Cape Town; Senegal; near the Congo mouth.

Type specimen location: ZMUC, Copenhagen.

?*Ptilohyale tristanensis* (Macnae, 1953)

Macnae, 1953: 1029. (*Allorchestes tristanensis*).
 Barnard K.H., 1965: 208. (*Allorchestes tristanensis*).
 Barnard & Karaman, 1991: 370.
 De Broyer & Jazdzewski, 1993: 53. (*Hyale tristanensis*).

Distribution: T
Gough Island: 40°21'S 09°55'W (KHB 65).

Tristan da Cunha: Tristan da Cunha Island, 0 m (bottom/habitat: in crevices of rocks near high tide level) (WM 53).

Depth range: 0 m.

Type-locality: Tristan da Cunha: Tristan da Cunha Island, 0 m (bottom/habitat: in crevices of rocks near high tide level) (WM 53).

Type specimen location: RU, Grahamstown.

Family TALITRIDAE Rafinesque, 1815

(Semi-terrestrial; restricted to supralittoral sandhopper and beachflea species)

***Orchestia aucklandiae* Bate, 1862**

Bate, 1862: 17, pl. 1a, fig. 3.
 Hurley, 1957c: 152-156, figs. 1-23. (syn).
 Bousfield, 1964: 54, fig. 5.
 De Broyer & Jazdzewski, 1993: 97.

Distribution: S+
Auckland Islands: Ewing Island (bottom/habitat: under boulders above bull kelp); Dog Island (DEH 57c); Rocky Bay, under kelp on beach (ELB 64).
Campbell Island: no loc. (DEH 57c).

Depth range: 0 m.

Type-locality:

Extralimital distribution: New Zealand: Otago Peninsula, Stewart Island (DEH 57).

Type specimen location:

?*Orchestia scutigerula* Dana, 1853

Dana, 1853: 863, pl. 58: fig. 2 a-m.

Bate, 1862: 26-27, pl. 4: fig 7, ?fig. 17. (*Orchestia fuegiensis* female).

Della Valle, 1893: 479, pl. 57, figs. 57-60.

Stebbing, 1906: 544-545. (*Talorchestia scutigerula*).

Chilton, 1912a: 508.

Stebbing, 1914b: 367-368. (*Talorchestia scutigerulus*).

Barnard K.H., 1932: 218-219. (*Talorchestia scutigerula*).

Schellenberg, 1931a: 223-224.

Ruffo, 1947d: 328.

Ruffo, 1949: 52.

Stephensen, 1949: 26-29, figs. 11-12.

Macnae, 1953: 1027-1028.

Ringuelet *et al.*, 1962: 328. (*Talorchestia scutigerula*)

Ringuelet, 1963: 105. (*Talorchestia scutigerula*)

Barnard K.H., 1965: 207.

Holdgate, 1965: 372.

Thurston, 1974b: 72, fig. 28b.

Zaixso, 1975: 231. (*Talorchestia scutigerula*)

Zaixso & Pastor, 1977: 37. (*Talorchestia scutigerula*)

Bousfield, 1982: 45.

Lewis-Smith & Prince, 1985: 233-283.

Gonzalez, 1991a: 49, 63.

Gonzalez, 1991c: 106, fig. 10.

De Broyer & Jazdzewski, 1993: 97.

Moore *et al.*, 1995: 159-182.

De Broyer & Rauschert, 1999: 287, table 1.

Pugh *et al.*, 2002: 1075.

Distribution:

G+M+T+

Falkland Islands: near Port Stanley (bottom/habitat: from banks of freshwater, peaty stream) (CC 12a); Port Stanley, 2 m (bottom/habitat: among kelp) (AS 31a); Beauchêne Island, 52°54'S 59°09'W, 0 m (LS&P 85).

Gough Island: 40°21'S 09°55'W, opposite Hut, beach (KHB 65).

Magellan area: Tierra del Fuego, Bahía Nassau, (bottom/habitat: among seaweed thrown up on the shores) (JDD 53); Isla Hermite (CC 12a); Puerto Haberton; Puerto Toro, beach (bottom/habitat: stones); Isla Lennox, beach; Bahía Gente Grande, beach; Punta Arenas, beach (bottom/habitat: sand, rotten kelp); Estrecho de Magallanes (bottom/habitat: under stones); Ushuaia, beach; Isla Picton, Caleta Banner, beach; Canal Smith (AS 31a); Isla de los Estados, Puerto Cook, Penguin Rookery (SR 47d); *Belgica 1897-99*, Beagle Canal, Lapataia (bottom/habitat: under stone, along a small rivulet) (SR 49); Santa Cruz, Ria Deseado (RAR *et al.* 62); Santa Cruz, Ria Deseado (RAR 63); Santa Cruz, Ria Deseado (HEZ 75); Santa Cruz, Ria Deseado (Z&P 77); Puerto Toro; Punta Arenas;

Isla Picton; Isla Lennox; Estrecho de Magallanes (EG 91a); Islas Wollaston, 55°45'S 67°25'W (EG 91a, EG 91c).

South Georgia: Cumberland Bay, beach (bottom/habitat: under stone) (AS 31a); *Discovery 1925-27*, Undine Harbour, shore; sta. 122, Cumberland West Bay, Maiviken, shore; (KHB 32); Husvik (bottom/habitat: among high water debris) (MHT 74b); Husvik Harbour, Kanin Point, 54°11'S 36°40'W, 0 m (bottom/habitat: collected from beneath large, flat stones on the beach) (PGM *et al.* 95); 0 m (bottom/habitat: tidal debris) (PP *et al.* 02).

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha 1937-38*, Nightingale Island: sta. 99, Sea Hen Rock, 15-20 m above sea level; sta. 502; sta. 506; sta. 509; sta. 510; Inaccessible Island: sta. 147; sta. 1008; sta. 1009; sta. 1010; sta. 1016; sta. 1022; sta. 1040; sta. 1042; sta. 1043; sta. 1045; sta. 1053; sta. 1055 (KS 49); Nightingale Island, terrestrial (bottom/habitat: penguin rookeries among tussock grass clumps, litter in the *Phyllica* woods on the high parts of the island, marshes and ponds among nests of *Diomedea chlororhynchus*) (WM 53); Tristan da Cunha Island; Inaccessible Island (KHB 65).

Depth range: 0 m.

Type-locality: New Zealand: Bay of Islands, Parua Harbour (JDD 53).

Extralimital distribution: New Zealand: Bay of Islands, Parua Harbour (JDD 53).

Extralimital depth range: 0 m.

Type specimen location: USNM, Washington.

***Orchestoidea tuberculata* Nicolet, 1849**

Nicolet, 1849: 231-232.

Stebbing, 1906: 527-528.

Schellenberg, 1935a: 227.

Bousfield, 1957:

Bousfield, 1982: 45, fig. 20.

Varela, 1983: 39-43, figs. 8-10.

Gonzalez, 1991a: 63.

Gonzalez, 1991c: 108, fig. 12.

De Broyer & Jazdzewski, 1993: 98.

Distribution:

M+

Magellan area: Quillon Viejo (EG 91a); Playa Cucao, 42°38'S 74°10'W (CV 83); 43°07'S 73°37'W (EG 91a, EG 91c).

Depth range: 0 m.

Type-locality: Chile: Bahía de Valparaíso (HN 49).

Extralimital distribution: Chile: Bahía de Valparaíso (HN 49); near Valparaíso (bottom/habitat: burrowing in the sand; under seaweed thrown up by the tides) (TRS 06); Central Chile, beach; Peru: Mejía (15°S 72°W) (ELB 82).

Extralimital depth range: 0 m.

Type specimen location:

***Platorchestia platensis* (Krøyer 1845)**

[Selected references]

Krøyer, 1845: 304, pl. 2, fig. 2. (*Orchestia platensis*).

Stebbing, 1906: 540-541. (*Orchestia platensis*).
 K.H. Barnard, 1932: 218. (*Orchestia platensis*).
 Schellenberg, 1942: 136, fig. (*Orchestia platensis*).
 Stephensen, 1944: 57, figs. 15-16. (*Orchestia platensis*).
Stephensen, 1949: 25-26. (*Orchestia platensis*).
Macnae, 1953: 1027. (*Orchestia platensis*).
Barnard K.H., 1965: 207. (*Orchestia platensis*).
 Bousfield, 1973 160, pl. 46: fig. 2. (*Orchestia platensis*).
 Griffiths, 1975: 170-171. (*Orchestia platensis*).
 Bousfield, 1982: 26, 27, (in key).
 Jo, 1988: 161, (in key), 163-167, figs. 8, 9b,d,f.
De Broyer & Jazdzewski, 1993: 98.
 Stock & Biernbaum, 1994: 796-799, fig. 1. (*Platorchestia platensis* f. *monodi*).

Distribution:

T++

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha 1937-38*, Tristan da Cunha Island: sta. 2; sta. 3 (bottom/habitat: in *Macrocystis*); sta. 4; sta. 6, 36 m; sta. 10, 5-10 m; sta. 11, 0 m; sta. 17, 40-45 m; sta. 19, 0 m; sta. 35, beach; sta. 36a, above high water mark; sta. 36b, 5 m above sea level; sta. 36c, 25 m above sea level; sta. 39, beach; sta. 44, 0 m; sta. 51, 5-10 m; sta. 58, 0 m; sta. 81, 0 m; sta. 111; Inaccessible Island: sta. 136, 0 m; sta. 1022 (KS 49); Tristan da Cunha Island, on the beach (bottom/habitat: among cast-up weed) (WM 53).

Depth range: 0-45 m.**Type-locality:** Southwestern Atlantic, Banks of Rio de la Plata.

Extralimital distribution: Almost panoeceanic in the tropical and subtropical zone, also widely distributed in the boreal zone and extend to Denmark and southern Sweden; Atlantic coasts of North-America; Bermudas; Mediterranean; Lake Tiberias (Palestine); Banks of Rio de la Plata (ref.?).

Extralimital depth range:**Type specimen location:** ? ZMUC, Copenhagen.***Protorchestia nitida* (Dana, 1852a)**

Dana, 1852a: 204. (*Orchestia nitida*).
 Dana, 1853: 868, pl. 58: fig. 5a-f. (*Orchestia nitida*).
 ? Bate, 1862: 17, (questioned by Schellenberg 1931a). (*Orchestia fuegiensis* male).
 Stebbing, 1906: 539. (*Orchestia nitida*, in part).
 Schellenberg, 1931a: 224-226, fig. 114. (*Orchestia nitida*).
 Ruffo, 1949: 52-53. (*Orchestia nitida*).
 Bousfield, 1982: 7-9, fig. 4.
 Gonzalez, 1991a: 63.
 Gonzalez, 1991c: 104, fig. 9.
 De Broyer & Jazdzewski, 1993: 98.

Distribution:

M

Magellan area: Tierra del Fuego, (bottom/habitat: among floating *Fucus*, caught with hand net near the shores) (JDD 53); Ultima Esperanza, beach (bottom/habitat: stones); Estrecho de Magallanes (bottom/habitat: stones); Puerto Harberton; Caleta Voilier; Puerto Angosto; Punta Arenas; Canal Smith, Isla Juan, Bahia Larga (AS 31a); *Belgica 1897-99*, Seno Magdalena, Isla Clarence, Havre Hope, tidal zone; Canal Beagle; Golfo San Juan

(SR 49); Isla Navarino, Puerto Robalo (bottom/habitat: mainly under algae and stones, occasionally in tide pools, from MW to lower HW levels and below main zone of *Transorchestia chilensis*, mainly on protected and semi-protected beaches, occasionally in brackish waters) (ELB 82); Tierra del Fuego; Cabo de Hornos; Estrecho de Magallanes (EG 91a), (EG 91c)
Depth range: 0 m.

Type-locality: Magellan area: Tierra del Fuego, (bottom/habitat: among floating *Fucus*, caught with hand net near the shores) (JDD 53).

Type specimen location:***Transorchestia bollonsi* Chilton, 1909b**

Chilton, 1909b: 635-636, fig. 6. (*Orchestia bollonsi*).
 Stephensen, 1927: 348. (*Orchestia bollonsi*).
 Hurley, 1957c: 160-162, figs. 52-68. (syn). (*Orchestia bollonsi*).
 Bousfield, 1964: 54-56, fig. 5. (*Orchestia bollonsi*).
 Bousfield, 1982: 19-20.
 De Broyer & Jazdzewski, 1993: 99.
 Pugh *et al.*, 2002: 1075. (*Orchestia bollonsi*).

Distribution:

S+

Auckland Islands: Ewing Island (CC 09b); Dog Island (DEH 57c).

The Snares: (CC 09b), (DEH 57c).**Depth range:** 0 m.

Type-locality: Bounty Island, The Snares, Auckland Island; Ewing Island (CC 09b).

Extralimital distribution: Bounty Island (CC 09b); New Zealand: Otago Peninsula, Hooper's Inlet (DEH 57c).

Extralimital depth range: 0 m.**Type specimen location:**

Remarks: Habitat: intertidal, in tidal debris, terrestrial: under guano, tussock, roots, vegetation, bird nests (Pugh *et al.*, 2002).

***Transorchestia campbelliana* (Bousfield, 1964)**

Bousfield, 1964: 50-53, figs. 3-4. (*Parorchestia campbelliana*).
 Chilton, 1909b: 642. (*Parorchestia tenuis*, in part).
 Bousfield, 1982: 9. (*Protorchestia campbelliana*).
 Duncan, 1994: 9.
 Pugh *et al.*, 2002: 1075.

Distribution:

S

Campbell Island: Courrejolles Peninsula (bottom/habitat: in mollyhawk rookery) (ELB 64); (bottom/habitat: albatross rookery) (PP *et al.* 02).

Depth range: 0 m.**Type-locality:****Type specimen location:** NMNZ, Wellington

***Transorchestia chiliensis* (Milne-Edwards, 1840)**

Milne-Edwards, 1840: 18. (*Orchestia chiliensis*).
 ? Dana, 1852a: 205. (*Orchestia serrulata*).
 ? Dana, 1853: 870, pl. 58: fig 7a-1 (male), 7m-o (female?). (*Orchestia serrulata*).
 Bate, 1862: 30, pl.1: fig.8. (*Orchestia chiliensis*).
 Thomson, 1898: 199-200. (*Orchestia chiliensis*, in part).
 Stebbing, 1906: 537. (*Orchestia chiliensis*).
 Chilton, 1921: 82. (*Orchestia chiliensis*, in part).
 Schellenberg, 1931a: 224. (*Orchestia chiliensis*).
 Schellenberg, 1935a: 225-227, fig. 1c. (*Orchestia chiliensis*).
 Ruffo, 1949: 53, fig.18. (*Orchestia chiliensis*).
 ? Hurley, 1957a: 157-160, figs. 24-51.
 Bousfield, 1982: 20-21, fig. 9.
 Varela, 1983: 43-47, figs. 11-13. (*Orchestia chiliensis*).
 Gonzalez, 1991a: 64.
 Gonzalez, 1991c: 103, fig. 8.
 De Broyer & Jazdzewski, 1993: 99.
 De Broyer & Rauschert, 1999: 287, table 1.

Distribution:**M+**

Magellan area: Ultima Esperanza; Bahia Gente Grande, beach; Estrecho de Magallanes (bottom/habitat: under stone); Canal Smith, Bahia Chacabuco, beach (AS 31a); *Belgica 1897-99*, Bahia Ultima Esperanza (bottom/habitat: under debris and algae) (SR 49); *Hudson 70*, Cabo de Hornos; Isla Ambarino, Puerto Robalo, 54°57'S 67°40'W; Playa Aaron; Cabo Maria; Peninsula Scott, west beach; Tierra del Fuego, Punta Zegers (ELB 82a); Estrecho de Magallanes; Ultima Esperanza (EG 91a).

Depth range: 0 m.**Type-locality:** Chile: no loc.? (HME 40).**Type specimen location:**

Barnard & Karaman, 1991: 164.
 Gonzalez, 1991a: 50-52.
 De Broyer & Jazdzewski, 1993: 27.

Distribution:**S+M+**

Falkland Islands: Port Albemarle, 40 m; Port Louis, 1 m (AS 31a).

Iles Kerguelen: no loc (AS 26a).

Magellan area: Bahia Fortescue, 18-22 m; Punta Arenas, 13-14 m; Canal Beagle, 100 m; Puerto Hope, 11-18 m; Bahia Ushuaia, 4-27 m (AS 31a).

Depth range: 1-100 m.**Type-locality:** Iles Kerguelen: no loc. (AS 26a).**Extralimital distribution:** Juan Fernandez Islands; South Africa.**Extralimital depth range:****Type specimen location:** ZMB, Berlin.***Aora karibu* Vader & Krapp, 2005**

Vader & Krapp, 2005: 3086-3091, figs. 7-9

Distribution**M**

Falkland Islands: East Falkland, Choiseul Sound, 58-59°S 52°W, 30 m, found on *Eurypodius* (gear: baited trap) (V&K 05).

Depth range: 30 m.

Type-locality: Falkland Islands: East Falkland, Choiseul Sound, 58-59°S 52°W, 30 m, found on *Eurypodius* (gear: baited trap) (V&K 05).

Type specimen location: TM, Tromsø.***Aora kergueleni* Stebbing, 1888**

Stebbing, 1888: 1073, pl.109, fig. a, d.

Della Valle, 1893: 410.

Stebbing, 1906: 587, fig. 101. (*Aora typica*, in part).

Barnard K.H., 1916: 236. (fide Griffiths, 1975). (*Aora typica*).

Barnard K.H., 1940: 478, (in part, fide Griffiths, 1975). (*Aora typica*).

Barnard J.L., 1958e: 28. (*Aora typica*, in part).

Barnard J.L., 1972b: 124.

Griffiths 1973: 278. (fide Griffiths, 1975). (*Aora typica*).

Bellan-Santini & Ledoyer, 1974: 643, pl. 1c. (*Aora typica*).

Griffiths, 1974a: 179. (fide Griffiths, 1975). (*Aora typica*).

Griffiths, 1974b: 225. (fide Griffiths, 1975). (*Aora typica*).

Griffiths, 1974c: 277. (fide Griffiths, 1975). (*Aora typica*).

Griffiths, 1975: 107.

Lowry & Bullock, 1976: 26.

Barnard & Karaman, 1991: 165.

De Broyer & Jazdzewski, 1993: 27.

Distribution:**S+**

Iles Kerguelen: *Challenger 1873-76*, [sta. 149E?], Cap Maclear, 54 m; Passe Royale [Royal Sound], 69 m (TRS 88); Golfe du Morbihan, 4-15 m; Ile Australia, 24 m; Ile Pender,

II. Suborder COROPHIIDEA Leach, 1814

[Myers & Lowry, 2003]

Infraorder COROPHIIDA Leach, 1814

[Myers & Lowry, 2003]

Superfamily AOROIDEA Stebbing, 1899c

[Myers & Lowry, 2003]

Family AORIDAE Stebbing, 1899c***Aora anomala* Schellenberg, 1926a**

Schellenberg, 1926a: 372, fig. 59. (*Aora typica* f. *anomala*).

Chilton, 1921e: 87. (?*Aora typica*).

Schellenberg, 1926b: 230. (*Aora typica*).

Schellenberg, 1931: 230. (*Aora typica anomala*).

Barnard K.H., 1940: 519. (*Aora typica* f. *anomala*).

Barnard J.L., 1958e: 28. (*Aora typica*, in part).

Barnard J.L., 1972b: 124.

Griffiths, 1975: 107.

Lowry & Bullock, 1976: 25.

50 m (BS&L 74).

Depth range: 4-68 m.

Type-locality: Iles Kerguelen: *Challenger* 1873-76, [sta. 149E?], Cap Maclear, 54 m; Passe Royale [Royal Sound], 69 m (TRS 88).

Extralimital distribution: Southern Africa.

Extralimital depth range:

Type specimen location: NHM, London.

Aora maculata (Thomson, 1879b)

Thomson, 1879b: 331, pl. 16: figs. 5-8. (*Microdeutopus maculatus*).

Thomson, 1879b: 331. (*Aora typica*).

Haswell, 1879b: 339, pl. 22: fig. 1. (*Microdeuteropus tenuipes*).

Haswell 1879b: 339, pl. 22: fig. 2. (*Microdeuteropus mortoni*).

Thomson, 1881: 216. (*Aora typica*).

Thomson, 1881: 217, fig. 7a-c. (*Microdentopus maculatus*).

Chilton, 1882a: 173, pl. 8: fig. 3a-b. (*Microdentopus maculatus*).

Haswell, 1882: 264. (*Microdeutopus mortoni*).

Haswell, 1882: 264. (*Microdeutopus tenuipes*).

Chilton, 1885: 1040. (*Microdeuteropus mortoni*).

Chilton, 1885: 1040. (*Microdeuteropus tenuipes*).

Thomson & Chilton, 1886: 147. (*Aora typica*).

Thomson, 1889: 261. (*Aora typica*).

Della Valle, 1893: 409, pl. 56: figs. 38-40. (*Aora typica*, in part).

Hutton, 1904: 260. (*Aora typica*).

Stebbing, 1906: 587, fig. 101. (*Aora typica*, in part).

? Chilton, 1909b: 645. (questioned by Barnard J.L., 1972b and by Myers & Moore, 1983). (*Aora typica*).

? Chilton, 1911c: 565. (questioned by Barnard J.L., 1972b). (*Aora typica*).

Thomson, 1913: 245. (*Aora typica*).

? Stephensen, 1927e: 352. (questioned by Barnard J.L., 1972b and by Myers & Moore, 1983). (*Aora typica*).

? Stephensen, 1938c: 261. (questioned by Barnard J.L., 1972b). (*Aora typica*).

Barnard J.L., 1958e: 28. (*Aora typica*, in part).

Barnard J.L., 1972b: 27, 124, fig. 10f-h, (in key).

Lowry, 1974a: 102, 122, fig. 5a, (in key).

Lowry & Bullock, 1976: 26.

Myers & Moore, 1983: 170-171, figs. 1, 5, 6, 13.

Barnard & Karaman, 1991: 165.

De Broyer & Jażdżewski, 1993: 27.

Lowry & Stoddart, 2003: 65-66.

Distribution: S+

Auckland Islands: Musgrave Harbour (CC 09b); Port Ross, 19 m (KS 27e).

Campbell Island: Perseverance Harbour (KS 38c).

The Snares: no loc. (M&M 83).

Depth range: 19 m.

Type-locality: New Zealand: Dunedin (MHT 79a)

Extralimital distribution: New Zealand; SE Australia;

Tasmania, Kermadec Islands.

Extralimital depth range:

Type specimen location: Unknown.

Aora trichobostrycha Stebbing, 1888

Stebbing, 1888: 1078, pl. 109, fig. b, c. (*Aora trichobostrychus*).

Della Valle, 1893: 410. (*Aora trichobostrychus*).

Stebbing, 1906: 587, fig. 101. (*Aora typica*, in part).

Barnard J.L., 1958e: 28. (*Aora typica*, in part).

Barnard J.L., 1972b: 124. (*Aora trichobostrychus*).

Lowry & Bullock, 1976: 26.

Barnard & Karaman, 1991: 165.

De Broyer & Jażdżewski, 1993: 27.

Distribution: S

Iles Kerguelen: *Challenger* 1873-76, Port-Christmas (TRS 88).

Depth range:

Type-locality: Iles Kerguelen: *Challenger* 1873-76, Port-Christmas (TRS 88).

Type specimen location: NHM, London.

Aora typica Krøyer, 1845

Krøyer, 1845: 238, pl. 3, fig. 3

Nicolet, 1849: 243, pl. 2, fig. 8 a-f. (*Lalaria longitarsus*).

Chilton, 1885: 370. (*Aora typica* 'form 1').

Della Valle, 1893: 409, pl. 56, figs. 38-40.

Chilton, 1909: 645.

Stephensen, 1938c: 261.

Stephensen, 1949: 41, fig. 18. (*Aora typica* 'form typica').

Macnae, 1953: 1032

Barnard K.H., 1965: 208.

Ledoyer, 1967: 131, fig. 15.

Barnard J.L., 1972b: 124, fig. 10 i-j. (*Aora* sp.).

Myers, 1973b: 287, fig. 14.

Myers & Moore, 1983: 169-170, figs. 2, 3, 4, 13.

Barnard & Karaman, 1991: 165, figs. 39 i, 40 d, 41 g, 44 c, 45 h, 46 a.

De Broyer & Jażdżewski, 1993: 27.

Lowry & Stoddart, 2003: 66.

Distribution: S+T++

Campbell Island: Perseverance Harbour (KS 38c).

Gough Island: 40°21'S 09°55'W; Dell Rocks (KHB 65).

The Snares: no loc. (CC 85); (M&M 83).

Tristan da Cunha: Tristan da Cunha Island, beach (bottom/habitat: among corallines) (WM 53); *Norw. Sci. Exp. Tristan da Cunha 1937-38*, Tristan da Cunha Island: sta. 2, 4-6 m; sta. 26, 6-8 m; sta. 27, 3 m; sta. 70, 0 m; Nightingale Island: sta. 103, 0 m; sta. 117, 5-10 m; sta. 118, 7-10 m; Inaccessible Island: sta. 150, 9 m; sta. 155, 8-9 m (KS 49).

Depth range: 0-10 m.

Type-locality: Chile: Valparaiso.

Extralimital distribution: Widely distributed in the Southern Hemisphere between latitudes 20°S and 50°S; Pacific Ocean: Chile; New Zealand: Dunedin, Kaikoura; Australia: Sydney, Port Jackson; Indian Ocean: Madagascar.

Extralimital depth range: Sublittoral.

Type specimen location: Unknown.

***Aora* sp. Nicholls, 1938**

Nicholls, 1938: 126. (?*Aora* sp.).

Lowry & Bullock, 1976: 26.

De Broyer & Jazdzewski, 1993: 28. (*Aora* sp.).

Distribution:

E(Ba)

Adélie Coast: *Aurora 1912-14*, sta. 2; Commonwealth Bay, 518-540 m (GEN 38).

Depth range: 518-540 m.

***Bemlos kergueleni* (Stebbing, 1888)**

Stebbing, 1888: 1087, pl. 111. (*Autonoe kergueleni*).

Della Valle, 1893: 405. (*Autonoe longipes*, in part).

Stebbing, 1895d: 207. (*Lembos kergueleni*).

Non Thomson, 1902: 464. (*Autonoe kergueleni* = *Lembos* sp. 1, fide J.L. Barnard, 1972b).

Stebbing, 1906: 598. (*Lembos kergueleni*).

Non Chilton, 1909b: 646, fig. 12. (*Lembos kergueleni* = *Lembos* sp. 2, and *Lembos* sp. 3, fide J.L. Barnard, 1972b).

Walker, 1909b: 337, pl. 43: fig. 6. (*Lembos kergueleni*).

Barnard J.L., 1958e: 29. (*Lembos kergueleni*).

? Sivaprakasam, 1968a: 114, fig. 13. (?*Lembos kergueleni*).

? Barnard J.L., 1972b: 130 (*Lembos* sp. 1).

Mills, 1972a: 74, table 1. (*Lembos kergueleni*).

Surya Rao, 1974: 192. (*Lembos kergueleni*).

Lowry & Bullock, 1976: 34. (*Lembos kergueleni*).

Myers, 1988: 188.

Barnard & Karaman, 1991: 175.

De Broyer & Jazdzewski, 1993: 28.

Distribution:

S(+?)

Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud; gear: dredge) (TRS 88).

Depth range: 232 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149H, Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: mud; gear: dredge) (TRS 88).

Extralimital distribution: ? India; ? Wasin.

Extralimital depth range:

Type specimen location: NHM, London.

***Lembos argentinensis* Alonso de Pina, 1992**

Alonso de Pina, 1992: 41-48, figs. 17-41.

De Broyer & Jazdzewski, 1993: 30.

Chiesa *et al.*, 2005: 170.

Distribution:

M

Magellan area: *Shinkai Maru IV*, sta. 33, 42°30'S 59°28'W, 102 m (GMA 92) southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Depth range: 15-102 m.

Type-locality: Magellan area: *Shinkai Maru IV*, sta. 33, 42°30'S 59°28'W, 102 m (GMA 92).

Type specimen location: MACN, Buenos Aires.

?*Lembos fuegiensis* Dana, 1853

Dana, 1853: 954, pl. 65: fig. 8a-h. (*Gammarus fuegiensis*).

Bate, 1862: 194, pl. 35: fig. 4. (*Moera fuegiensis*).

Stebbing, 1906: 600. (*Lembos fuegiensis*).

Stebbing, 1914b: 369, pl. 9. (*Lembos fuegiensis*).

Schellenberg, 1931a: 231, fig. 117. (*Lembos fuegiensis*).

Barnard K.H., 1932: 221, fig. 136. (*Lembos fuegiensis*).

Barnard J.L., 1958e: 28. (*Lembos fuegiensis*).

Lowry & Bullock, 1976: 33.

Myers, 1988: 191.

Barnard & Karaman, 1991: 209. (?*Lembos fuegiensis*).

Gonzalez, 1991a: 53.

Rauschert, 1991:36.

Alonso de Pina, 1992: 39-41, figs. 1-16.

De Broyer & Jazdzewski, 1993: 31. (?*Lembos fuegiensis*).

Distribution:

W+M(+?)

Burdwood Bank: 137-150 m (bottom/habitat: shells, stones) (AS 31a).

Falkland Islands: no loc., 4-7 m (TRS 14b); Port Louis; Port Stanley, 2 m (bottom/habitat: among kelp holdfasts); Port William, 17 m (bottom/habitat: sand) (AS 31a); *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (gear: nets, large dredge, large otter trawl) (KHB 32).

Magellan area: Cabo Valentina, 270 m; Punta Dungeness, 18 m; Punta Arenas; Bahia Inutil, 36-54 m (bottom/habitat: shells); Bahia Harris, 27 m; Puerto Hope, 11-18 m (bottom/habitat: rock, algae); Puerto Pantalón, low tide; Ushuaia (bottom/habitat: among kelp holdfasts) (AS 31a); Santa Cruz, Ria Deseado (GMA 92).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 0-270 m.

Type-locality: ? Fiji Islands (JDD 53). [doubtful fide Stebbing 1914b].

Extralimital distribution: ? Fiji Islands.

Extralimital depth range:

Type specimen location: USNM, Washington?

Lembos sp. 1 J.L. Barnard, 1972b

Barnard J.L., 1972b: 130.
 Stebbing, 1888: 1087-1091, pl. 111. (?*Autonoe kergueleni*).
 Thomson, 1902: 464. (*Autonoe kergueleni*).
 Chilton, 1909b: 646. (*Lembos kergueleni*, in part, specimen from The Snares only).

Distribution: S+
The Snares: no loc. (JLB 72b).
Depth range:
Extralimital distribution: New Zealand: Bay of Islands
Extralimital depth range:

Lembos sp. 3 J.L. Barnard, 1972b

Barnard J.L., 1972b: 131. (*Lembos* sp. 3)
 Chilton, 1909b: 646, fig. 12. (*Lembos kergueleni*, in part, specimen from Macquarie Island only).
 Lowry & Bullock, 1976: 34.
 De Broyer & Jazdzewski, 1993: 31.

Distribution: S
Macquarie Island: no loc. (CC 09b).
Depth range:

Lembos sp. 4 Bellan-Santini & Ledoyer, 1987

Bellan-Santini & Ledoyer, 1987: 364-366, fig. 3. (*Lembos* sp.)
 Branch *et al.*, 1991: 18, fig. on p.18.
 De Broyer & Jazdzewski, 1993: 31.

Distribution: S(Ba)
Prince Edward Island: *Marion Dufresne 08*, sta. 36 CP 173, 46°40.7'S 38°06.7'E, 315-570 m (BS&L 87).
Depth range: 315-570 m.

Meridiolembos acherontis (Myers, 1981c)

Myers, 1981c: 92-98, figs. 208-211.
 Barnard & Karaman, 1991: 212.
 De Broyer & Jazdzewski, 1993: 31.

Distribution: S
Auckland Islands: Port Ross, Ranui Cove (bottom/habitat: among holdfasts of *Macrocystis pyrifera* and mixed red algae from anchor of R.V. *Acheron*) (AAM 81c).
Campbell Island: Perseverance Harbour, 70m (bottom/habitat: coarse shell) (AAM 81c).
The Snares: northwest corner of Ho Ho Bay (bottom/habitat: among clumps of concentric crustose coralline algae), 13 m (AAM 81c).
Depth range: 13-70 m.
Type-locality: Campbell Island, Perseverance Harbour, 70m (bottom/habitat: coarse shell) (AAM 81c).

Type specimen location: NMNZ, Wellington; MCSN, Verona.

Meridiolembos pertinax Myers, 1981c

Myers, 1981c: 85-92, figs. 203-207.
 Chilton, 1909b: 646, fig. 12. (specimen from Campbell Island only). (*Lembos kergueleni*, in part).
 Chilton 1909b: 646. (*Lembos kergueleni*)
 Barnard J.L., 1972b: 130. (*Lembos* sp.2).
 Lowry & Bullock, 1976: 34. (*Lembos* sp. 2).
 Myers, 1988: 190.
 Barnard & Karaman, 1991: 212.
 De Broyer & Jazdzewski, 1993: 31. (*Lembos* 2).

Distribution: S+
Campbell Island: Perseverance Harbour, 14 m (CC 09b).
Depth range: 14 m.
Type-locality: New Zealand: no loc. (AAM 81c).
Extralimital distribution: New Zealand (AAM 81c).
Extralimital depth range:
Type specimen location: NMNZ, Wellington; MCSN, Verona.

Microdeutopus sp. Stephensen, 1927e

Stephensen, 1927e: 352.
 Lowry & Bullock, 1976: 34.
 Barnard & Karaman, 1991: 212.
 De Broyer & Jazdzewski, 1993: 31. (*Microdeutopus* sp.)

Distribution: S
Auckland Islands: Carnley Harbour, 0 m (KS 27e).
Depth range: 0 m.

Superfamily COROPHIOIDEA Leach, 1814

[Myers & Lowry, 2003]

Family AMPITHOIDAE Boeck, 1871b**Subfamily Ampithoinae Boeck, 1871b****Ampithoe kergueleni Stebbing, 1888**

Stebbing, 1888: 1116, pl. 117.
 Della Valle, 1893: 463. (in part).
 Stebbing, 1906: 638.
 Chevreux, 1927: 117, pl. 11.
 Barnard J.L., 1958e: 25.
 ? Rabindranath, 1972: 166, figs. 3, 4. (*Ampithoe (Ampithoe) kergueleni*).
 ? Surya Rao, 1974: 191.
 Lowry & Bullock, 1976: 24.
 Karaman & Barnard, 1979: 109-110. (*Epimeriella similis*).
 Barnard & Karaman, 1991: 103.
 De Broyer & Jazdzewski, 1993: 26.

Distribution: S(+?)

Iles Kerguelen: *Challenger 1873-76*, no loc. (TRS 88).

Depth range:

Type-locality: Iles Kerguelen: *Challenger 1873-76*, no loc. (TRS 88).

Extralimital distribution: ? India.

Extralimital depth range:

Type specimen location: NHM, London.

***Peramphithoe femorata* (Krøyer, 1845)**

Krøyer, 1845: 335, pl. 3: fig. 4. (*Amphithoe femorata*).

Dana, 1852a: 216. (*Amphithoe brevipes*).

Dana, 1853: 936, pl. 64: fig. 5. (*Amphithoe brevipes*).

Dana, 1853: 940, pl. 64: fig. 4. (*Amphithoe peregrina*).

Bate, 1862: 237, pl. 41: fig. 6. (*Amphithoe falklandi*).

Bate, 1862: 247; pl. 43: fig. 1. (*Amphithoe peregrina*).

Bate, 1862: 248, pl. 43: fig. 2. (*Amphithoe brevipes*).

Della Valle, 1893: 456. (*Amphithoe rubricata*, in part; part = *Ampithoe brevipes*).

Stebbing, 1906: 636. (*Amphithoe femorata*).

Stebbing, 1906: 637. (*Ampithoe brevipes*).

Stebbing, 1914b: 371. (*Ampithoe brevipes*).

Barnard K.H., 1916: 255, pl. 28: fig. 34. (*Amphithoe brevipes*).

Chilton, 1921e: 88, fig. 3. (*Amphithoe femorata*).

Schellenberg, 1931a: 245, fig. 127. (*Amphithoe femorata*).

Barnard K.H., 1932: 239, fig. 150. (*Amphithoe brevipes*).

Schellenberg, 1935a: 233. (*Amphithoe femorata*).

Stephensen, 1949: 44. (*Amp(h)ithoe brevipes*).

Barnard J.L., 1952c: 24, pls. 6, 7. (*Amphithoe femorata*).

Barnard J.L., 1958e: 25. (*Amphithoe femorata*).

Barnard J.L., 1958e: 25. (*Ampithoe brevipes*).

Barnard K.H., 1965: 208. (*Ampithoe brevipes*).

Kreibohm de Paternoster & Escofet, 1976: 78, pl. 1-3. (*Ampithoe femorata*)

Lowry & Bullock, 1976: 24. (*Ampithoe brevipes*, *Ampithoe femorata*).

Kreibohm de Paternoster & Escofet, 1976: 78-83, figs. 1-3. (*Ampithoe femorata*).

Alonso, 1980: 4, pl. 1. (*Ampithoe femorata*).

Conlan & Bousfield, 1982a: 68-69, fig. 16.

Lopez Gappa *et al.*, 1982: 76, table 1. (*Ampithoe femorata*).

Barnard & Karaman, 1991: 108.

Gonzalez, 1991a: 51.

Conlan & Chess, 1992: 415, figs. 1, 4.

De Broyer & Jazdzewski, 1993: 26.

Adami & Gordillo, 1999: 186. (*Paramphithoe femorata*).

Distribution:

M++

Falkland Islands: no loc. (TRS 14b); Port Louis (bottom/habitat: deep silt, shells, stones, algae); Port Stanley (bottom/habitat: kelp holdfasts) (AS 31a); *Discovery 1925-27*, sta. 53, East Falkland Island, Port Stanley, 0-16 m (gear: small beam trawl); sta. 56, Port William, Sparrow Cove, 10-16 m (gear: small beam trawl) (KHB 32); Port Stanley (GMA 80).

Gough Island: Dell Rocks, 40°21'S 09°55'W; (bottom/habitat: from kelp) (KHB 65).

Magellan area: Isla Hermite, 9 m (JDD 53); Bahia Fortescue,

18-22 m (bottom/habitat: algae); Puerto Churruca, 36 m (bottom/habitat: shells); Estrecho de Magallanes; Punta Arenas, 13-14 m (bottom/habitat: sand, algae); Canal Smith; Bahia Inutil, 20-27 m (bottom/habitat: coralline algae); Puerto Bridges, 13 m; Isla Navarino; Isla Nueva, 14 m; Puerto Hope, 11-18 m (bottom/habitat: rock, algae); Puerto Pantalón (bottom/habitat: kelp); Porvenir, 11-18 m (bottom/habitat: rocks, algae); Bahia Ushuaia; Isla Picton, 7 m (bottom/habitat: kelp holdfasts) (AS 31a); Bahia Camarones, 44°45'S 65°35'W (KP&E 76); Santa Cruz, Ria Deseado (GMA 80); Ria Deseado, 47°45'S 65°54'W (JLG *et al.* 82); Isla Navarino, Banco de las Tacas, 55°05'S 67°04'W; Isla Cabo de Hornos, 55°S 77°W (C&Bo 82); 56°S 67°W (C&C 92); southern Tierra del Fuego, Canal Beagle, 54°48-52'S 68°16-24'W (A&G 99).

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha 1937-38*, Tristan da Cunha Island: sta. 3, in *Macrocystis*; sta. 9, 0 m; sta. 40, 3-13 m; sta. 52, 0 m; sta. 70, 0 m; sta. 80, 5-12 m; Nightingale Island: sta. 117, 4-10 m; sta. 118, 4-10 m; Inaccessible Island: sta. 152, 5 m; sta. 155, 8-9 m (KS 49).

Depth range: 0-36 m.

Type-locality: Chile: Valparaíso, 33°05'S 71°40'W (C&C 92).

Extralimital distribution: California; Chile; Argentina; South Africa.

Extralimital depth range:

Type specimen location:

Family COROPHIIDAE Leach, 1814

Subfamily Corophiinae Leach, 1814

[Myers & Lowry, 2003]

Tribe Corophiini, Leach, 1814

[Myers & Lowry, 2003]

***Crassikorophium bonnellii* (Milne Edwards, 1830)**

Milne Edwards, 1830: 385. (*Corophia bonnellii*).

Milne Edwards, 1840: 67. (*Corophium bonnellii*).

Bate, 1862: 282. (*Corophium bonnellii*).

Non Bate & Westwood, 1863: 497, fig., (*Corophium bonnellii* = *Corophium crassicornis*).

Heller, 1867: 51. (*Corophium bonelli*).

Sars G.O., 1883: 112. (*Corophium bonelli*).

Sars G.O., 1894: 616, pl. 221.1. (*Corophium bonelli*).

Chevreaux & Bouvier, 1893: 140. (*Corophium bonnellii*).

Della Valle, 1893: 368. (*Corophium bonnellii*).

Walker, 1898a: 170, 172. (*Corophium bonnellii*).

Chevreaux, 1900a: 109. (*Corophium bonnellii*).

Stebbing, 1906: 691. (*Corophium bonnellii*).

Walker, 1909b: 343. (*Corophium bonnellii*).

Chevreaux, 1911d: 271. (*Corophium bonelli*).

Walker, 1914: 559. (*Corophium bonelli*).

Non Shoemaker, 1920a: 22. (*Corophium bonnellii* = *Crassikorophium clarencense*).

? Ussing & Stephensen, 1924: 69-78; figs. 1-3. (questioned by Crawford, 1937b). (?*Corophium bonelli*).

Chevreaux & Fage, 1925: 369, fig. (*Corophium bonelli*).

Barnard K.H., 1930: 393. (*Corophium bonellii*).
 ? Schellenberg, 1931a: 258, fig. 134. (questioned by Crawford, 1937b). (*Corophium pseudacherusicum*).
 Barnard K.H., 1932: 244. (*Corophium bonellii*).
 Crawford, 1937b: 608, fig. 2h-o. (*Corophium bonelli*).
 Dahl, 1946b: 6. (*Corophium bonelli*).
 Enequist, 1949: 377. (*Corophium bonelli*).
 Gurjanova, 1951: 978, fig. 681. (*Corophium bonelli*).
 Barnard J.L., 1958e: 35. (*Corophium bonelli*).
 Ingle, 1972: 327.
 Bousfield, 1973: 200, 202, pl. 62. (*Corophium bonelli*).
 Sanderson, 1973: 8. (*Corophium bonelli*).
 Lowry & Bullock, 1976: 27. (*Corophium bonellii*).
 Kudrjaschov, 1979: 127. (*Corophium bonellii*).
 Myers, McGrath & Cunningham, 1989: 319, fig. 1.
 Barnard & Karaman, 1991: 185. (*Corophium bonellii*).
 Gonzalez, 1991a: 52. (*Corophium bonellii*).
 De Broyer & Jazdzewski, 1993: 28. (*Corophium bonellii*).
 Ishimaru, 1994: 35. (*Corophium bonellii*).
 Bousfield & Hoover, 1997: 105-108, fig. 23. (gen. rem.). (*Corophium bonellii*).
 De Broyer & Rauschert, 1999: 283, table 1. (*Corophium bonellii*).
 Lowry & Stoddart, 2003: 89-90. (*Crassicorophium bonellii*)

Distribution: ?M++
 ? **Magellan area:** Punta Arenas (bottom/habitat: among kelp holdfasts); Isla Picton, Caleta Banner, 5 m (bottom/habitat: among kelp holdfasts); Bahia Ushuaia, 2-22 m (AS 31a).
Depth range: 2-22 m.
Type-locality: North Atlantic Ocean; North Sea.
Extralimital distribution: Subarctic and boreal in North Atlantic and northwestern North Pacific. (Bousfield & Hoover, 1997). Alaska; North and South Atlantic Oceans; Suez.
Extralimital depth range: Sublittoral.
Type specimen location: MNHN, Paris.
Remarks: Status of Magellan material to be confirmed.

Monocorophium cylindricum (Say, 1818)

Say, 1818: 387. (*Podocerus cylindricus*).
 Verrill & Smith, 1873: 370, 566.
 Della Valle, 1893: 376.
 Holmes, 1905: 521, fig.
 Paulmier, 1905: 167, fig. 37.
 Rathbun, 1905: 75.
 Stebbing, 1906: 692, 740.
 Stebbing, 1914b: 372. (*Corophium cylindricus*).
 Kunkel, 1918: 171, fig. 52.
 Shoemaker, 1930a: 346.
 Barnard K.H., 1932: 244.
 Barnard J.L., 1958e: 36. (dubious species).
 Lowry & Bullock, 1976: 27.
 Barnard & Karaman, 1991: 185.
 ? Bousfield & Hoover, 1997: 111-112, figs. 26, 27. (?=*Monocorophium insidiosum*)
 De Broyer & Jazdzewski, 1993: 28. (*Corophium cylindricum*).

Distribution: M+
Falkland Islands: no loc. (TRS 1914); *Discovery* 1925-27, sta. 54, Port Stanley, collected on the shore (KHB 32).
Depth range: 0 m.
Type-locality: North Atlantic Ocean: from New Jersey to Vineyard Sound (TRS 06).
Extralimital distribution: North-West Atlantic Ocean.
Extralimital depth range:
Type specimen location:

Tribe Haplocheirini Myers & Lowry, 2003

Anonychocheirus richardsoni Moore & Myers, 1983

Moore & Myers, 1983: 217-219, figs. 30-31.
 Barnard & Karaman, 1991: 160, 161.
 De Broyer & Jazdzewski, 1993: 27.

Distribution: W
Palmer Archipelago: Anvers Island, Arthur Harbour (M&M 83).
Depth range: 18-50 m.
Type-locality: Palmer Archipelago: Anvers Island, Arthur Harbour (M&M 83).
Type specimen location: NHM, London.

Haplocheira balssi Schellenberg, 1931a

Schellenberg, 1931a: 232, fig. 118.
 Barnard J.L., 1958e: 113.
 Lowry & Bullock, 1976: 32.
 Moore & Myers, 1983: 207-208, fig. 27.
 Barnard & Karaman, 1991: 197.
 Gonzalez, 1991a: 53.
 De Broyer & Jazdzewski, 1993: 30.
 De Broyer & Rauschert, 1999: 283, table 1.

Distribution: M+
Falkland Islands: Berkeley Sound, Port Louis, 2-8 m (bottom/habitat: gravel, mud, shells); Greenpatch, 7 m (AS 31a).
Magellan area: Punta Arenas, 13-14 m (bottom/habitat: sand, algae); Bahia Inutil, 36-54 m (bottom/habitat: shells) (AS 31a).
Depth range: 2-54 m.
Type-locality: Falkland Islands: Berkeley Sound, Port Louis, 2-8 m (bottom/habitat: gravel, mud, shells); Greenpatch, 7 m; Magellan area: Punta Arenas, 13-14 m (bottom/habitat: sand, algae); Bahia Inutil, 36-54 m (bottom/habitat: shells) (AS 31a).
Extralimital distribution: Argentina.
Extralimital depth range:
Type specimen location: NRS, Stockholm; ZMH, Hamburg.

***Haplocheira barbimana barbimana* (Thomson, 1879b)**

Thomson, 1879b: 241, pl. 10: fig. d1. (*Gammarus barbimanus*).

? Chilton, 1884a: 262, pl. 20 figs. 1, 1a-e. (*Corophium lendenfeldi*).

Thomson & Chilton, 1886: 143. (*Corophium barbimanum*, in part).

Della Valle, 1893: 433, pl. 57: figs. 4, 5. (*Leptocheirus barbimanus*, in part).

Hutton, 1904: 261. (*Haplocheira barbimana*, in part).

Stebbing, 1906: 609. (*Haplocheira barbimana*, in part).

Thomson, 1913: 245. (*Haplocheira barbimana*).

Stephensen, 1927e: 352. (*Haplocheira barbimana*).

Barnard J.L., 1958e: 113. (*Haplocheira barbimanus*).

Barnard J.L., 1972b: 25 (in key); 130. (*Haplocheira barbimana*, in part).

? Barnard J.L., 1972b: 25, 130, (in key). (*Haplocheira lendenfeldi*).

Lowry & Bullock, 1976: 32-33. (*Haplocheira barbimana*, in part).

Moore & Myers, 1983: 210-211, figs. 14-16.

Bellan-Santini & Ledoyer, 1987: 364.

Barnard & Karaman, 1991: 197.

De Broyer & Jazdzewski, 1993: 15, 30. (*Haplocheira barbimana barbimana*, in part).

Lowry & Stoddart, 2003: 71.

Distribution:

S+

Auckland Islands: Port Ross, 19 m (bottom/habitat: sand, algae) (KS 27e; M&M 83).

Prince Edward Islands: *Marion Dufresne*, sta. 18 DC 107, 46°49.8'S 37°56.2'E, 140 m (bottom/habitat: sandy mud with bryozoans); sta. 21 DC 177, 46°52.9'S 37°52.9'E, 50 m (bottom/habitat: *Macrocystis*); sta. 22 BB 125, 46°52.4'S 37°51.9'E, 31m (bottom/habitat: sand); sta. 35 DC 170, 46°39.7'S 38°00.3'E, 53 m (bottom/habitat: gravel, blocks) (BS&L 87).

Depth range: 19-140 m.

Type-locality: New Zealand, ? Dunedin (GMT& CC 86).

Extralimital distribution: New Zealand, ? Lyttleton Harbour (CC 84a); Dunedin (GMT&CC 86; GMT 13); Kaikoura, St Kilda Rocks, 3-4 m (bottom/habitat: on *Caulerpa brownii*); Otago Harbour, Weller's Rock, 3 m (bottom/habitat: in holdfast of *Macrocystis pyrifera*) (M&M 83).

Extralimital depth range: 3-4 m.

Type specimen location: NMNZ, Wellington.

***Haplocheira barbimana robusta* K.H. Barnard, 1932**

Barnard K.H., 1932: 235, fig. 148. (*Haplocheira robusta*).

? Stebbing, 1914b: 370. (questioned by Nicholls, 1938). (*Haplocheira barbimanus*).

Schellenberg, 1931a: 232. (*Haplocheira barbimanus*).

Nicholls, 1938: 127. (*Haplocheira barbimanus*, in part).

Barnard J.L., 1958e: 113. (*Haplocheira barbimanus*, in part).

Barnard J.L., 1972b: 25 (in key); 130. (*Haplocheira barbimana*,

in part).

Lowry & Bullock, 1976: 33 (*Haplocheira robusta*, in part).

Moore & Myers, 1983: 212-213, figs. 18-20, 22.

Barnard & Karaman, 1991: 197.

? Gonzalez, 1991a: 53. (*Haplocheira barbimana*).

De Broyer & Jazdzewski, 1993: 30.

Chiesa *et al.*, 2005: 170.

Distribution:

M

Falkland Islands: East Falkland Island, Port Stanley, low water (bottom/habitat: in seaweed and in a sponge) (TRS 14b); Port Albemarle, 40 m (bottom/habitat: sand, algae); Berkeley Sound, 16 m (bottom/habitat: gravel, shells, algae); Port William, 22 m (bottom/habitat: sand); Port Louis, 3-4 m (bottom/habitat: shells, stones); Sparrow Cove, 11-13 m (bottom/habitat: shells) (AS 31a); *Discovery 1925-27*, sta. 53, East Falkland Island, Port Stanley, 0-2 m (bottom/habitat: kelp roots); sta. 54, East Falkland Island, Port Stanley, shore; sta. 58, East Falkland Island, Port Stanley, piles of jetty, 1-2 m (gear: mussel rake); sta. WS 71, East Falkland Island, NE of Cape Pembroke, 82 m (bottom: sand; gear: commercial otter trawl); sta. WS 85, SE of Lively Island, 79 m (bottom: sand, shells; gear: commercial otter trawl) (KHB 32).

Magellan area: Ultima Esperanza, 13-18 m (bottom/habitat: algae, clay, stones); Bahia Inutil, 36-54 m (bottom/habitat: shells); Punta Arenas, 27 m (bottom/habitat: shells); Rio Seco, 18-36 m (bottom/habitat: shells); Puerto Madryn, 4-10 m (bottom/habitat: sand, clay); Isla Larga, Canal Smith, 14 m; Puerto Bueno; Bahia Ushuaia, 0-4 m; Banco Sarmiento, 52°24'S 68°09'W, 22 m; 54°43'S 64°08'W, 36 m (bottom/habitat: pebble, gravel) (AS 31a); *Discovery 1925-27*, sta. WS 86, 53°53'S 60°34'W, 147-151 m (bottom/habitat: sand, shells, stones; gear: commercial otter trawl) (KHB 32); *Hudson 70*, Southern Chile, Punta Wulaia, low water reef; Cabo de Hornos: sta. F24, sta. F12, sta. 722 (M&M 83); Punta Arenas; Bahia Inutil (EG 91°); southern Tierra del Fuego, Ushuaia, 54°49'S 68°16'W; Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Depth range: 0-151 m.

Type-locality: East Falkland Island, *Discovery 1925-27*, sta. 53, Port Stanley, 0-2 m (bottom/habitat: kelp roots).

Type specimen location: NHM, London.

***Haplocheira barbimana typica* Haswell, 1879a**

Haswell, 1879a: 273, pl. 11: fig. 2. (*Haplocheira typica*).

Haswell, 1882: 269. (*Haplocheira typica*).

Haswell, 1885b: 106, pl. 16: figs. 4-8. (*Haplocheira typica*).

Thomson & Chilton, 1886: 143. (*Corophium barbimanum*, in part).

Stebbing, 1888: 1177. (*Haplocheira barbimanus*, in part).

Della Valle, 1893: 433, pl. 57: figs. 4, 5. (*Leptocheirus barbimanus*, in part).

Stebbing, 1906: 609. (*Haplocheira barbimana*, in part).

Schellenberg, 1926a: 375. (*Haplocheira barbimanus*).
 ? Schellenberg, 1926b: 195. (*Haplocheira barbimana*).
 Barnard J.L., 1958e: 113. (*Haplocheira barbimanus*, in part).
 Barnard J.L., 1972b: 25 (in key); 130. (*Haplocheira barbimana*, in part).
 Arnaud, 1974: 546, 553, 556, 559, 562, 565, tables 14, 17-20 (eco). (*Haplocheira barbimanus*).
 Bellan-Santini & Ledoyer, 1974: 677, pl. 20d. (*Haplocheira barbimanus*).
 ? Truchot, 1974: 20. (*Haplocheira barbimanus*).
 Lowry & Bullock, 1976: 32. (*Haplocheira typica*).
 Moore & Myers, 1983: 211-212, figs. 9-13.
 Barnard & Karaman, 1991: 197.
 De Broyer & Jażdżewski, 1993: 30.
 Springthorpe & Lowry, 1993: 34.
 Lowry & Stoddart, 2003: 71.

Distribution:

S+

Iles Kerguelen: ? Baie de l'Observatoire [Observatory Bay] (AS 26b); Golfe du Morbihan, 15 m; Port Jeanne-d'Arc, 14-17 m; Fjord Bossière, low tide-15 m; Ile du Chat, Port Douzième, 0 m; Chaussée Béniguet, 35 m; Bras Laboureur, 10-61 m; Anse Joliette; Ile Pender, 50 m; Ile Australia, 24 m; Bras Baudissin, 18 m (BS&L 74; PMA 74; M&M 83); ? no loc. (JPT 74).

Depth range: 0-50 m.

Type-locality: Australia: New South Wales, Port Jackson (WAH 79a).

Extralimital distribution: Australia: Port Jackson, NSW, low water (bottom/habitat: under stones) (WAH 79a); Griffiths Point, Vic; Western Port, Port Philip Bay, 13 m (bottom/habitat: sediment, reef; sponge); Tasmania: d'Entrecasteaux Channel, Fancy Point, Ninepin Point, Tinderbox, 3 m (bottom/habitat: among algae *Ecklonia radiata* holdfasts, *Caulerpa*); Recherche Bay (bottom/habitat: in *Ecklonia radiata* holdfast) (M&M 83).

Extralimital depth range: 0-13 m.

Type specimen location: AM, Sydney.

***Haplocheira plumosa* Stebbing, 1888**

Stebbing, 1888: 1172-1178, pl. 126.
 Della Valle, 1893: 433. (*Leptocheirus barbimanus*, in part).
 Walker, 1903a: 60. (*Haplocheira plumosa*).
 Hutton, 1904: 261. (*Haplocheira barbimana*, in part).
 Stebbing, 1906: 609. (*Haplocheira barbimana*, in part).
 Walker, 1907: 35. (*Haplocheira barbimana*).
 Chilton, 1912a: 510. (*Haplocheira barbimana*).
 ? Schellenberg, 1926b: 195. (? *Haplocheira barbimana*).
 Barnard K.H., 1930: 391, 450. (*Haplocheira barbimanus*).
 Schellenberg, 1931a: 232. (*Haplocheira barbimanus*, in part).
 Barnard K.H., 1932: 235. (*Haplocheira barbimanus*).
 Nicholls, 1938: 126, fig. 65. (*Haplocheira barbimanus*, in part).
 Barnard J.L., 1958e: 113. (*Haplocheira barbimanus*, in part).
 Bellan-Santini, 1972a: 191, pl. 14. (*Haplocheira barbimanus*).
 Mills, 1972a: 74, table 1. (*Haplocheira barbimanus*).
 Arnaud, 1974: 546, 553, 556, 559, 562, 565, tables 14, 17-20 (eco). (*Haplocheira barbimanus*).

Thurston, 1974a: 93, fig. 36a-m. (*Haplocheira barbimanus*).
 ? Truchot, 1974: 20. (*Haplocheira barbimanus*).
 Lowry & Bullock, 1976: 32. (*Haplocheira barbimana*, in part).
 Moore & Myers, 1983: 208-210, figs. 1-8, 22.
 Barnard & Karaman, 1991: 197.
 Ren & Huang, 1991: 233-234, fig. 24. (*Haplocheira barbimana*).
 Rauschert, 1991: 36. (*Haplocheira barbimana*).
 Jażdżewski *et al.*, 1992: 464, 469. (*Haplocheira barbimana*).
 De Broyer & Jażdżewski, 1993: 15, 30.
 Jażdżewski *et al.*, 1996: 369. (*Haplocheira barbimana*).
 Takeuchi & Watanabe, 2002: 624-628.

Distribution:

E+W+G+S

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 5-110 m (GEN 38); Géologie Archipelago, 6-140 m; Cape Jules, 66°44'S 140°55'E, 15-20 m (DBS 72a).

Queen Maud Land: Kitano-Seto Strait, 69°00'S 39°44.4'E, 8-20 m (gear: SCUBA) (T&W 02).

Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: volcanic mud; gear: dredge) (TRS 88).

Palmer Archipelago: Anvers Island, Arthur Harbour (M&M 83).

Ross Sea: *Discovery 1901-04*, Winter Quarters, Hut Point, Flagon Point (AOW 07); *Southern Cross 1898-1900*, Franklin Island, 18-44 m; Cape Adare, 48 m (AOW 07); *Nimrod 1907-09*, McMurdo Sound, 13-36 m (KHB 30); *Terra Nova 1910*, sta. 331, McMurdo Sound, 457 m, (KHB 30).

South Georgia: off Grytviken, 24-52 m (bottom/habitat: greyish clay, algae); 12-15 m (bottom/habitat: sand, algae) (AS 31a); *Discovery 1925-27*, sta. 140, Stromness Harbour to Larsen Point, 122-136 m (gear: net attached to back of trawl); sta. 141, Cumberland East Bay, 17-27 m (gear: small beam trawl); sta. 144, off mouth of Stromness Harbour, 155-178 m (gear: nets, tow-net of coarse silk); sta. WS 25, Undine Harbour, 18-27 m (gear: small beam trawl); sta. WS 33, 54°59'S 35°24'W, 130 m (gear: horizontal tow-net) (KHB 32; M&M 83).

South Orkney Island: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay, 16-18 m (CC 12a); Signy Island, Borge Bay, 5-20 m; Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: 62°12.2'S 58°55'W, 110 m; 62°44.9'S 61°02.6'W, 128 m (R&H 91); King George Island, 62°11'-14'S 58°52'-58'W (MR 91); Admiralty Bay, 46-88 m (KJ *et al.* 92).

Depth range: 5-457 m.

Type-locality: Kerguelen Island: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: volcanic mud; gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Kuphocheira emancipata* Moore & Myers, 1983**

Moore & Myers, 1983: 215-217, fig. 29.
 Barnard & Karaman, 1991: 206.
 De Broyer & Jażdżewski, 1993: 30.

Distribution:**W****Palmer Archipelago:** Anvers Island, Arthur Harbour (M&M 83).**Depth range:** 18-75 m.**Type-locality:** Palmer Archipelago: Anvers Island, Arthur Harbour (M&M 83).**Type specimen location:**

(bottom/habitat: mud, sand) (R&H 91).

Type specimen location: IOQ, Qingdao.***Kuphocheira setimana* K.H. Barnard, 1931a**Barnard K.H., 1931a: 429. (*Kuphocheira setimanus*).Barnard K.H., 1932: 238, fig. 149. (*Kuphocheira setimanus*).Barnard J.L., 1958e: 113. (*Kuphocheira setimanus*).Thurston, 1974a: 95, fig. 36n-p. (*Kuphocheira setimanus*).

Lowry & Bullock, 1976: 33.

Arnaud *et al.*, 1986: 16, table 1. (*Kuphocheira setimanus*).

Barnard & Karaman, 1991: 205, 206.

Jazdzewski *et al.*, 1992: 464, 469.

De Broyer & Jazdzewski, 1993: 30.

Jazdzewski *et al.*, 1996: 369.De Broyer *et al.*, 1999: 165.**Distribution:****E+W****South Orkney Islands:** *Discovery 1925-27*, sta. 164, east end of Normanna Strait, 24-36 m (gear: tow-net of coarse silk) (KHB 32); Signy Island, Borge Bay, 10-11 m; Paal Harbour, 20-25 m (MHT 74a).**South Shetland Islands:** King George Island, Admiralty Bay, 60-88 m (KJ *et al.* 92).**Weddell Sea:** eastern shelf (CDB *et al.* 99).**Depth range:** 10-36 m.**Type-locality:** South Orkney Islands: *Discovery 1925-27*, sta. 164, east end of Normanna Strait, 24-36 m (gear: tow-net of coarse silk) (KHB 32).**Type specimen location:** NHM, London.**Infraorder CAPRELLIDA Leach, 1814**

[Myers & Lowry 2003]

Superfamily AETIOPEDESOIDEA Myers & Lowry, 2003**Family PARAGAMMAROPSIDAE Myers & Lowry, 2003*****Paragammaropsis prenes* Ren, 1991**

Ren, 1991 in Ren & Huang, 1991: 231-233, 303-305, fig. 28.

De Broyer & Jazdzewski, 1993: 31.

Distribution:**W(+Ba)****Bransfield Strait:** 62°33.1'S 56°28.6'W, 278 m (bottom/habitat: sand, rock); 62°51.6'S 58°07.5'W, 654 m (bottom/habitat: sand, mud); 62°24.5'S 61°40.4'W, 180 m (bottom/habitat: mud, sand) (R&H 91).**Depth range:** 278-654 m.**Type-locality:** Bransfield Strait: 62°33.1'S 56°28.6'W, 278 m (bottom/habitat: sand, rock); 62°51.6'S 58°07.5'W, 654 m (bottom/habitat: sand, mud); 62°24.5'S 61°40.4'W, 180 m**Superfamily CAPRELLIDEA Leach, 1814**

[Myers & Lowry, 2003]

Family CAPRELLIDAE Leach, 1814**Subfamily Caprellinae Leach, 1814**

[Myers & Lowry, 2003]

***Caprella equilibra* Say, 1818**

Say, 1818: 391-392.

Heller, 1866: 54, figs. 17-19. (*Caprella monacantha*).Mayer, 1882: 45, pl. 1: fig. 7, pl. 2: figs. 1-11, pl. 4: figs. 20-25, pl. 5: figs. 16-18. (*Caprella aequilibra*).Chevreux & Fage, 1925: 455, fig. 433. (*Caprella aequilibra*).

Schellenberg, 1926b: 470.

McCain, 1968: 26-30, figs. 12-13, 55.

McCain & Steinberg, 1970: 19-21. (syn).

McCain & Gray, 1971: 113-114, fig. 3.

McCain, 1979: 471.

De Broyer & Jazdzewski, 1993: 103.

Krapp-Schickel, 1993: 782-783, fig. 533.

De Broyer & Rauschert, 1999: 287.

Guerra-García & Thiel, 2001: 878-879.

Guerra-García, 2003a: 181-182, fig. 4.

Lowry & Stoddart, 2003: 22-23.

De Broyer *et al.*, 2004: 66.**Distribution:****S+M++****Auckland Islands:** Port Ross, south east side of Ocean Island, 50°32'S 166°16'E, 0-3 m (bottom/habitat: algae from rocks) (JGG 03a).**Campbell Island:** Perseverance Harbour, caves east of Divers Point, 52°34'S 169°11'E, 3 m (bottom/habitat: sponges, hydroids, tunicates, red algae and spider crab from cave wall); west side of Southeast Harbour, 52°36'S 169°09'E, 2 m (bottom/habitat: barnacles, tunicates, sponges, sea stars and sediment beneath boulder overhang) (JGG 03a).**Magellan area:** *Vema 16*, sta. 40, 42°48'S 063°11'W, 70 m; *Vema 17*, sta. 12, 43°30'S 074°55'W, 112 m (MC&G 71).**Depth range:** 0-112 m.**Type-locality:** USA: South Carolina (MC&S 70).**Extralimital distribution:** ?Cosmopolitan (MC 68).**Extralimital depth range:** 0-3000 m (AS 26b).**Ecology:** habitat: collected from hard bottoms with algae, sponges, hydroids, tunicates, sea stars, and barnacles and from sediment beneath boulder overhang.**Type material location:** ? ANSP, Philadelphia (MC&S 70).**Remarks:** *Caprella equilibra* is an almost cosmopolitan species and its occurrence in the South Atlantic and South Pacific has been previously recorded by McCain & Gray (1971). *Caprella equilibra* is very similar to the sub-Antarctic *Caprella manneringi*, mainly by the presence of a ventral projection

between the gnathopods 2. Therefore, a careful examination of the sub-Antarctic material of *C. equilibra* should be conducted to confirm the presence of the species in the Southern Ocean.

Caprella manneringi McCain, 1979

McCain, 1979: 471-473, fig. 1.

De Broyer & Jazdzewski, 1993: 103.

Guerra-García, 2003a: 182-184, figs. 5-8.

De Broyer *et al.*, 2004: 66, fig.5.

Distribution:

S

Antipodes Islands: sta. AM8-29c, 49°40'S 178°50'30"E, Reef Point (bottom/habitat: in large, deep intertidal pool, associated with the asteroid *Calvasterias suteri*) (JMC 79).

The Snares: Ho Ho Islet, 48°07'S 166°36'E, 0 m (bottom/habitat: intertidal pools, from sponges and algae) (JGG 03a).

Depth range: 0 m.

Type-locality: Antipodes Islands: sta. AM8-29c, 49°40'S 178°50'30"E, Reef Point (bottom/habitat: in large, deep intertidal pool, associated with the asteroid *Calvasterias suteri*) (JMC 79).

Ecology: McCain (1979) suggested that the convex palm of the propodus and the short, massive dactylus of the pereopods probably are adaptations to live with the asteroid *Calvasterias*. Guerra-García (2003a) redescribed the species and illustrated a subadult male and a premature female collected from sponges and algae. This indicates that *C. manneringi* could not be an obligate commensal of asteroids.

Type material location: CMNZ, Christchurch: not found (JGG).

Caprella penantis Leach, 1814

Leach, 1814: 404.

Stebbing, 1914b: 373-374.

Schellenberg, 1931a: 266, 272.

Barnard K.H., 1932: 300. (*Caprella acutifrons*).

Stephensen, 1949: 53-54. (*Caprella acutifrons* var. *natalensis*).

Macnae, 1953: 1032. (*Caprella acutifrons*).

Barnard K.H., 1965: 209. (*Caprella acutifrons*).

McCain, 1968: 33-40, figs. 15, 16, 51.

McCain & Steinberg, 1970: 33-36. (syn).

McCain & Gray, 1971: 114-115, fig. 3.

Laubitz, 1972: 41, pls. 9-10.

De Broyer & Jazdzewski, 1993: 103.

Krapp-Schickel, 1993: 791, fig. 539.

De Broyer & Rauschert, 1999: 287.

Lowry & Stoddart, 2003: 23-24.

De Broyer *et al.*, 2004: 66.

Distribution:

M+T++

Falkland Islands: Roy Cove (bottom/habitat: from hydroids and fronds of *Macrocystis*) (TRS 14b); Port William, [51°41'S 057°48'W], 22-40 m (bottom/habitat: sand, small stones, algae) (AS 31a).

Gough Island: no loc., [40°19'S 009°57'W], from kelp (KHB 65).

Magellan area: *Eltanin II*, sta. 958, 52°56'S 075°00'W, 92-101 m; sta. 960, 52°40'S 074°58'W, 64 m; sta. 966, 53°40'S 066°20'W, 81 m; sta. 967, 53°42'S 066°19'W, 81 m; sta. 969, 54°56'S 065°03'W, 229-265 m (MC&G 71).

Tristan da Cunha: *Discovery 1925-27*, sta. 4, Tristan da Cunha Island, [37°05'S 012°15'W], 40-46 m (gear: large dredge) (KHB 32); Tristan da Cunha Island, [37°05'S 012°15'W], 0 m, between tide marks on the shore (bottom/habitat: among sponges) (WM 53); *Norw. Sci. Exp. Tristan da Cunha*, Tristan da Cunha Island, [37°05'S 012°15'W], 0-45 m; Nightingale Island, [37°25'S 012°29'W], 7-60 m; Inaccessible Island, [37°17'S 012°41'W], 0-40 m (KS 49).

Depth range: 0-265 m.

Type-locality: England: Devonshire coast (Leach 1814).

Extralimital distribution: Cosmopolitan.

Extralimital depth range: 0-265 m?

Ecology: Habitat: collected from algae and sponges in the Southern Ocean. *C. penantis* is quite non specific in its habitat preference and has been taken on various red and brown algae, sea grass, sponges, hydroids, alcyonarians, zoantharians, bryozoans and echinoids (McCain 1968).

Type material location: ?

Remarks: *Caprella penantis* has been recorded under several species or subspecies names from different temperate regions of the world and further studies are needed to resolve its nomenclatural status at each locality (Takeuchi & Hirano 1995).

Caprella unguilina Mayer, 1903

Mayer, 1903: 127, pl. 5: fig. 36; pl. 8: figs. 30-31.

Schellenberg, 1931a: 266, 272.

McCain, 1966: 92.

McCain & Steinberg, 1970: 44. (syn).

McCain & Gray, 1971: 115, fig. 3.

Vassilenko, 1974: 156-158, figs. 82-83.

Takeuchi *et al.*, 1989: 19-28, figs. 1-4.

De Broyer & Jazdzewski, 1993: 104.

De Broyer & Rauschert, 1999: 287.

De Broyer *et al.*, 2004: 69.

Distribution:

M++

Magellan area: *Swed. Eugenie Exp. 1852*, Isla de los Estados, Bahia York, [76°49'S 60°57'E], 7-11 m (PM 03); Tierra del Fuego, Puerto Pantalon [54°54'S 067°56'W] (bottom/habitat: kelp) (AS 31a); Off Tierra del Fuego, *Vema 17*, sta. 47, 55°07.2'S 066°29.3'W, 71 m (MC&G 71).

Depth range: 7-71 m.

Type-localities: Magellan area: *Swed. Eugenie Exp. 1852*, Isla de los Estados, Bahia York, [76°49'S 160°57'E], 7-11 m (PM 03). Pacific Ocean: Galapagos, *Swed. Eugenie Exp. 1852* (PM 03); Off British Columbia, *U.S. Fish. Comm. Alaska Cruise 1888*, 51°23'N 130°34'W, 1602 m (PM 03).

Extralimital distribution: Pacific Ocean; South West Atlantic Ocean; cosmopolitan? (IT *et al.* 89).

Extralimital depth range: 7-1602 m (MC&S 70).

Ecology: Habitat: the striking morphology of the pereopods is related with the habitat of this species, which has been found living associated to the mouthparts of the lithodid crabs *Lithodes aequispina*, *Neolithodes asperrimus* and *Paralomis multispinosa* (Takeuchi *et al.*, 1989) and *Paralomis granulosa* (M. Thiel, pers. com.).

Type material location: NRS, Stockholm; USNM, Washington.

Remarks: A complete redescription of *Caprellina unguina* was given by Takeuchi *et al.* (1989) on the basis of specimens collected from several localities in the North Pacific.

Caprella sp. McCain & Gray, 1971

McCain & Gray, 1971: 115-116.

De Broyer & Jazdzewski, 1993: 104.

De Broyer & Rauschert, 1999: 287.

De Broyer *et al.*, 2004: 69.

Distribution: **M(+Ba)**

Magellan area: *Vema 17*, sta. 13, 46°59.5'S 075°54'W, 2657 m; *Eltanin 11*, sta. 959, 52°55'S 075°00'W, 92-101 m (MC&G 71).

Depth range: 92-2657 m.

Type-locality: Magellan area: *Vema 17*, sta. 13, 46°59.5'S 075°54'W, 2657 m; *Eltanin 11*, sta. 959, 52°55'S 075°00'W, 92-101 m (MC&G 71).

Ecology: Unknown.

Remarks: McCain & Gray (1971) found 1 female and 3 juveniles of a *Caprella* species which they could not identify to species level due to the lack of diagnostic features. In the genus *Caprella*, in most cases it is necessary to rely on adult males for a correct identification.

Caprellaporema subantarctica Guerra-García 2003a

Guerra-García, 2003a: 189-193, figs. 14-18.

De Broyer *et al.*, 2004: 70.

Distribution: **S**

Antipodes Islands: West of Islands, *Eltanin 27*, sta. 1850, 49°40'S 178°53'E, 103 m (JGG 03a).

Campbell Island: 52°08'S 169°43'E, 91-92 m; west side of Southeast Harbour, 52°36'S 169°09'E, 8 m; Perseverance Harbour, cliffs west of Davis Point, 52°34'S 169°13'E, 23 m (JGG 03a).

The Snares: Trumpeter Bay, 48°07'S 166°36'E, 10-14 m (JGG 03a).

Depth range: 8-103 m.

Type-locality: Campbell Island: Smoothwater Bay, cliffs west of East Cape, 52°32'S 169°12'E, 10 m.

Ecology: Habitat: collected from algae and coarse and shelly sediments.

Type material location: USNM, Washington; AM, Sydney.

Remarks: The new genus *Caprellaporema* was erected on

the basis of an abundant material collected from the New Zealand Subantarctic islands. This new genus appears very interesting from the phylogenetic point of view since it shares characteristics with the two large families of caprellids, the Phtisicidae and Caprellidea fide Takeuchi's classification (1993).

Deutella vema (McCain & Gray, 1971)

McCain & Gray, 1971: 123, figs. 8-9. (*Luconacia vema*).

De Broyer & Jazdzewski, 1993: 104. (*Luconacia vema*).

De Broyer & Rauschert, 1999: 287. (*Luconacia vema*).

Guerra-García, 2003b: 1070-1073, fig. 10.

De Broyer *et al.*, 2004: 70.

Distribution: **M**

Magellan area: *Vema 16*, sta. 37, 51°52'S 067°01'W, 101 m; *Vema 17*, sta. 25, 53°20.5'S 069°32.8'W, 44 m; sta. 29, 52°43.7'S 069°53.7'W, 24 m; sta. 47, 55°07.2'S 066°29.3'W, 71 m; sta. 76, 41°57'S 059°03'W, 81 m; *Eltanin 11*, sta. 958, 52°56'S 075°00'W, 92-101 m; sta. 981, 52°44'S 067°42'W, 40-49 m (MC&G 71).

Depth range: 24-101 m.

Type-locality: Magellan area: *Vema 17*, sta. 76, 41°57'S 059°03'W, 81 m (MC&G 71).

Ecology: Unknown

Type material location: AMNH, New York.

Eupariambus sp. Branch *et al.*, 1991

Branch *et al.*, 1991: 8, 39-40, fig. on p. 8.

De Broyer & Jazdzewski, 1993: 104.

De Broyer & Rauschert, 1999: 287.

De Broyer *et al.*, 2004: 70.

Distribution: **S(+Ba)**

Prince Edward Islands: Marion Island [46°54'S 037°45'E], 179-527 m (MLB *et al.* 91).

Depth range: 179-527 m.

Remarks: The lateral view of the specimen as illustrated by Branch *et al.* (1991) resembles a *Caprellinoides* species and the identification as *Eupariambus* sp requires confirmation. In any case, the validity of the genus *Eupariambus* remains questionable as the original and only description by K.H. Barnard (1957) was based on very poor illustrations (De Broyer *et al.*, 2004).

Mayerella magellanica McCain & Gray, 1971

McCain & Gray, 1971: 124-126, figs. 9-10.

De Broyer & Jazdzewski, 1993: 104.

De Broyer & Rauschert, 1999: 287.

Guerra-García, 2003c: 189-194, figs. 1-6.

De Broyer *et al.*, 2004: 70.

Distribution: **M(+Ba)**

Magellan area: *Vema* 17, sta. 11, 43°25'S 075°05'W, 152 m; sta. 12, 43°30'S 074°55'W, 112 m; sta. 15, 47°02'S 075°36'W, 642 m; sta. 68, 41°16'S 060°03'W, 70 m; sta. 74, 41°27'S 059°33'W, 71 m (MC&G 71).

Depth range: 70-642 m.

Type-locality: Magellan area: *Vema* 17, sta. 11, 43°25'S 075°05'W, 152 m (MC&G 71).

Extralimital distribution: Northern Argentina shelf, off the mouth of Rio de La Plata: *Vema* 18, sta. 9, 36°17'S 053°21'W, 547-676 m (MC&G 71). Central Chile, Huasco, 28°29'S, 071°16'W, 50 m (JGG 03c).

Extralimital depth range: 50-676 m.

Ecology: Habitat: collected from muddy bottoms.

Type material location: AMNH, New York.

Remarks: Guerra-García (2003c) redescribed *Mayerella magellanica* on the basis of material collected from Huasco, central Chile. These Huasco specimens agreed with the original description of the Magellan region holotype. Similarly to *Caprellina longicollis*, *Mayerella magellanica* can reach the central coast of Chile probably due to the influence of the cold Humboldt Current coming up from the Antarctic along the west coast of South America (De Broyer et al., 2004).

Protella trilobata McCain & Gray, 1971

McCain & Gray, 1971: 128-131, figs. 9, 12, 13.

De Broyer & Jazdzewski, 1993: 104.

De Broyer & Rauschert, 1999: 287.

De Broyer et al., 2004: 73.

Distribution: **M(Ba)**

Falkland Islands: *Eltanin* 8, sta. 558, 51°58'S 056°38'W, 646-845 m (MC&G 71).

Depth range: 646-845 m.

Type-locality: Falkland Islands: *Eltanin* 8, sta. 558, 51°58'S 056°38'W, 646-845 m (MC&G 71).

Ecology: Unknown.

Type material location: USNM, Washington.

Protellopsis kergueleni Stebbing, 1888

Stebbing, 1888: 1241-1244, pl. 142.

Mayer, 1890: 17, pl. 5: figs. 12-13.

Mayer, 1903: 32.

Chevreaux, 1913: 86.

Arimoto, 1970: 11-13, fig. 1.

McCain & Steinberg, 1970: 70.

McCain & Gray, 1971: 131.

Laubitz, 1992: 37-38, fig. 7.

De Broyer & Jazdzewski, 1993: 104.

De Broyer et al., 2004: 73.

Distribution: **S(+Ba)**

Heard Island: *Umitaka-Maru* 1967, 52°55.7'S 073°20.2'W, 177 m; 52°54.4'S 073°19.5'W, 187 m (IA 70); *Marion*

Dufresne 03, sta. 8-24, 52°58'S 073°42'E, 123 m (gear: beam trawl); sta. 8-25, 52°59.4'S 073°38'E, 90 m (gear: Charcot dredge) (DRL 92).

Iles Kerguelen: *Challenger* 1873-76, sta. 149E, off Greenland Harbour, 49°37'S 070°16'E, 56 m (bottom/habitat: mud; gear: dredge) (TRS 88); Golfe du Morbihan: between Iles Pender, Bryer and Powell, [49°27'23"S 070°12'01"E], 50 m; *Marion Dufresne* 03, sta. 14-45, 49°45.8'S 064°50.6'E, 262 m (gear: Blake trawl) (DRL 92).

Depth range: 50-262 m.

Type-locality: Iles Kerguelen: *Challenger* 1873-76, sta. 149E, off Greenland Harbour, 49°37'S 070°16'E, 56 m (bottom/habitat: mud; gear: dredge) (TRS 88).

Ecology: Unknown.

Type material location: Unknown.

Remarks: Stebbing's (1888) specimens were immature males (10 mm). Arimoto (1970) described and figured the female and Laubitz (1992) described and figured an adult male and female and pointed out that the body spination is quite variable in this species (De Broyer et al., 2004).

Pseudaeiginella campbellensis Guerra-García, 2003a

Guerra-García, 2003a: 185-189, figs. 9-13.

De Broyer et al., 2004: 73.

Distribution: **S**

Campbell Island: Smoothwater Bay, cliffs west of East Cape, 52°32'S 169°12'E, 10 m; Smoothwater Bay, first bay north west of Boulder Beach, 52°32'S 169°12'E, 10 m; Smoothwater Bay, cliffs on north west side of Boulder Beach, 52°32'S 169°12'E, 8-16 m (bottom/habitat: from rock faces and underneath rock overhangs, sponges, coralline algae on boulders, red algae and hydroids from crevice in rock face and encrusting sponges, tunicates, bryozoans and hydroids beneath boulders in beds of *Macrocystis pyrifera*) (JGG 03a).

Depth range: 8-16 m.

Type-locality: Campbell Island: Smoothwater Bay, cliffs west of East Cape, 52°32'S 169°12'E, 10 m.

Ecology: Habitat: collected from hard bottoms with sponges, tunicates, bryozoans, hydroids, coralline and red algae.

Type material location: AM, Sydney.

Pseudaeiginella tristanensis Stebbing, 1888

Stebbing, 1888: 1249-1251, pl. 143. (*Aeginella tristanensis*).

Mayer, 1890: 37-38, pl. 5: fig. 51, pl. 6: fig. 14.

Barnard K.H., 1932: 300-301, fig. 166.

Barnard K.H., 1940: 486.

Stephensen, 1949: 52-53, fig. 23.

McCain & Steinberg, 1970: 72.

Griffiths, 1974b: 255.

Griffiths, 1975: 174.

De Broyer & Jazdzewski, 1993: 103.

Laubitz, 1995: 88-89, fig. 4.

De Broyer et al., 2004: 73, 76.

Distribution: T+(+Ba)

Tristan da Cunha: *Challenger 1873-76*, sta. 135C, off Nightingale Island, 37°25'30"S 012°28'30"W, 201 m (gear: dredge) (TRS 88); *Discovery 1925-27*, sta. 4, Tristan da Cunha Island, [37°05'S 012°15'W], 40-46 m (gear: large dredge) (KHB 32); *Norw. Sci. Exp. Tristan da Cunha*, sta. 40, Tristan da Cunha Island, [37°05'S 012°15'W], 3-13 m; sta. 35, Nightingale Island, [37°25'S 012°29'W], 55 m (KS 49).

Depth range: 3-210 m.

Type-locality: Tristan da Cunha: *Challenger 1873-76*, sta. 135C, off Nightingale Island, 37°25'30"S 012°28'30"W, 201 m (gear: dredge) (TRS 88).

Extralimital distribution: South Africa: East London, littoral (KHB 40); Natal, 0-56 m (CLG 74b); Cape Province, 0-29 m (CLG 75). Ile Amsterdam, [37°50'S 077°30'E], 30-80 m (DRL 95).

Extralimital depth range: 0-80 m.

Ecology: Unknown.

Type material location: Unknown.

Remarks: Laubitz (1995) redescribed the species and considered the genus *Fallotritella* a junior synonym of *Pseudaeginella* on the basis of the presence of the minute pereopods 3 and 4. She also provided a comparison between the different *Pseudaeginella* species (De Broyer et al., 2004).

***Triantella solitaria* Mayer, 1903**

Mayer, 1903: 32, pl. 1: fig. 18; pl. 2: figs. 38-40; pl. 9: figs. 9, 36, 59

Schellenberg, 1931a: 264-265, 272.

McCain & Steinberg, 1970: 76.

McCain & Gray, 1971: 135-136.

De Broyer & Jazdzewski, 1993: 104.

De Broyer & Rauschert, 1999: 287.

De Broyer et al., 2004: 76.

Distribution: M+

Falkland Islands: Port William, [51°41'S 057°48'W], 12 m (bottom/habitat: sand, gravel) (AS 31a).

Depth range: 12-94 m.

Type-locality: Northern Argentina: *Siboga*, south of the mouth of Rio de la Plata, 94 m (PM 03).

Extralimital distribution: Northern Argentina: *Siboga*, south of the mouth of Rio de la Plata, 94 m (PM 03); 37°50'S 056°11'W, 100 m (AS 31a).

Extralimital depth range: 12-100 m.

Ecology: Habitat: collected from sand and gravel bottoms.

Type material location: Unknown.

Remarks: McCain & Steinberg (1971) suggested that the type of *Triantella solitaria* may be a juvenile of *Deutella vema*. A search in most of the larger museums in Europe and United States has not revealed the location of the type material (De Broyer et al., 2004).

Subfamily Phtisicinae Vassilenko, 1968

[Myers & Lowry, 2003]

***Aeginoides gausi* Schellenberg, 1926b**

Schellenberg, 1926b: 465-467, fig. 1.

Barnard K.H., 1930: 442-443, fig. 63.

Barnard K.H., 1932: 305-306, fig. 169c, d.

Stephensen, 1947a: 79, fig. 26.

McCain & Steinberg, 1970: 7-8.

McCain & Gray, 1971: 112-113, figs. 1-2.

McCain, 1972: 239-241.

Vassilenko, 1972: 348-350, fig. 2.

Arnaud, 1974: 536, 593, 649. (eco).

Thurston, 1974b: 73-74.

Andres, 1990: 142, fig. 285.

Coleman, 1991b: 4-8, figs. 2-3.

Ren & Huang, 1991: 293-294, fig. 65.

Takeuchi & Takeda, 1992: 67-71, figs. 1-3.

Laubitz, 1992: 30-31, fig. 1.

Jazdzewski et al., 1992: 466.

De Broyer & Jazdzewski, 1993: 101.

Jazdzewski et al., 1996: 373.

De Broyer & Rauschert, 1999: 287.

De Broyer et al., 1999: 168.

Gutt et al., 2000: 84-87.

Olaso et al., 2000: 143-158. (eco).

Guerra-García & Coleman, 2001: 2, fig. 1.

De Broyer et al., 2004: 76-77.

Distribution: E+W+G+M(+Ba)

Adélie Coast: Géologie Archipelago, 66°39'S 139°55'E; Cape Géodésie, 66°40'S 139°51'E, 50-170 m (MC&G 71); sta. TA-D59, Géologie Archipelago, near Astrolabe Glacier, 90-140 m (bottom/habitat: sponges, bryozoans, hydroids; gear: Charcot rectangular dredge); sta. TA-D71, Géologie Archipelago, between Bernard and Curie Islands, 50 m (bottom/habitat: sand, hydroids, sponges, bryozoans; gear: Charcot rectangular dredge); sta. TA-D73, Géologie Archipelago, east of Bernard Island, 80-90 m (bottom/habitat: stones covered by bryozoans; gear: Charcot rectangular dredge); sta. TA-D74, Géologie Archipelago, east of Bernard Island, 80-90 m (bottom/habitat: numerous stones; gear: Charcot rectangular dredge); sta. TA-D75, Géologie Archipelago, 90 m (bottom/habitat: mud, sponges, hydroids, bryozoans; gear: Charcot rectangular dredge); sta. TA-D77, Géologie Archipelago, between Bernard and Curie Islands, 135-140 m (bottom/habitat: mud, stones covered with bryozoans, sponges and ascidians; gear: Charcot rectangular dredge); sta. TA-D79, Géologie Archipelago, between Bernard and Curie Islands, 110-120 m (bottom/habitat: stones; gear: Charcot rectangular dredge); sta. TA-D80, Géologie Archipelago, Curie Island, 110-120 m (bottom/habitat: sediment with bryozoans, hydroids, sponges, ascidians; gear: Charcot rectangular dredge); sta. TA-D82, Géologie Archipelago, near Curie Island, 70-90 m (bottom/habitat: gravels covered with hydroids, alcyonarians; gear: Charcot rectangular dredge); sta. TA-D89, Géologie Archipelago, between

Glacier Astrolabe and Bernard Island, 70-80 m (bottom/habitat: mud, sand; gear: Charcot rectangular dredge); sta. TA-D94, Cape Géodésie, 66°40'S 139°51'E, 150-170 m (bottom/habitat: mud, bryozoans, hydroids; gear: Charcot rectangular dredge); sta. TA-D95, Cape Géodésie, 115-135 m (bottom/habitat: coarse sand, gravel, bryozoans, hydroids, sponges, alcyonarians; gear: Charcot rectangular dredge); sta. TA-D99, Cape Géodésie, 120-140 m (bottom/habitat: bryozoans, hydroids, sponges, alcyonarians; gear: Charcot rectangular dredge); sta. TA-D102, Géologie Archipelago, south-east of Curie Island, 110-130 m (bottom/habitat: bryozoans, hydroids, sponges, alcyonarians; gear: Charcot rectangular dredge); sta. TA-D104, Géologie Archipelago, north-east, east and South-east of Bernard Island, 60-75 m (bottom/habitat: sand; gear: Charcot rectangular dredge); sta. TA-D123, Géologie Archipelago, north-east, east and south-east of Bernard Island, 60-75 m (bottom/habitat: sand; gear: Charcot rectangular dredge); sta. TA-D124, Géologie Archipelago, east of Lamarck Island, 70-80 m (bottom/habitat: bryozoans; gear: Charcot rectangular dredge); sta. TA-D125, Géologie Archipelago, east of Lamarck Island, 82-85 m (bottom/habitat: bryozoans, some sponges, hydroids; gear: Charcot rectangular dredge); sta. TA-D129, Géologie Archipelago, between Glacier Astrolabe and Lamarck Island, 83-90 m (bottom/habitat: bryozoans, hydroids, some sponges, alcyonarians; gear: Charcot rectangular dredge) (JMC 72); south-east of Curie Island, [66°39'S 140°03'E], 110-130 m; east of Bernard Island, [66°40'S 140°02'E], 65-70 m (DRL 92).

Bellingshausen Sea: Peter I Island, 68°47'S 090°35'W, 330 m (KS 47a).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 059°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32); [63°00'S 059°00'W], 160-170 m (bottom/habitat: algae); 350 m (SVV 72).

Davis Sea: *Gauss*, 65°59'S 089°33'E, 350 m (AS 26b); Fulmar Island, [66°32'S 093°01'E], Mirnyj Station, 20-55 m (bottom/habitat: rock); Cape Mabus, [66°33'S 093°01'E], 46 m (bottom/habitat: rock); Haswell Island, [66°31'S 093°00'E], 43 m (bottom/habitat: rock, on hydroids) (SVV 72); *PABE I*, sta. D2, 66°S 092°E, 68 m (new record, JGG & CDB, new unpubl. rec.).

? **Drake Passage:** no loc. (cited by DRL 92, original source not found).

Falkland Islands: *Vema 17*, sta. 65, 50°18'S 054°11'W, 1498-1501 m (MC&G 71).

Oates Coast: *Terra Nova 1910*, sta. 194, 69°30'S 159°00'E, 329-366 m (KHB 30).

Princess Ragnhild Coast: Breid Bay, 70°09.0'S 023°46.3'E, 275-283 m; Breid Bay, 70°13.7'S 024°25.7'E, 276-289 m; Gunnerus Bank, 68°23.5'S 034°07.5'E, 281-282 m (T&T 92).

Ross Sea: McMurdo Sound, [77°30'S 165°00'E] (AS 26b); *Terra Nova 1910*, sta. 220, off Cape Adare, 71°17'S 170°14'E, 82-92 m (KHB 30); *Glacier*, sta. E187, 72°18'S 170°13'E, 37-42 m (MC&G 71).

South Georgia: *Discovery 1925-27*, sta. 30, Cumberland West Bay, [54°14'S 036°35'W], 251 m (bottom/habitat:

mud, stones; gear: large heavy dredge); sta. 39, Cumberland East Bay, [54°17'S 036°26'W], 179-235 m (bottom/habitat: grey mud; gear: large otter trawl); sta. 42, off mouth of Cumberland Bay, [54°14'S 036°28'W], 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. 123, off mouth of Cumberland Bay, [54°14'S 036°28'W], 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl); sta. 152, 53°51'S 036°18'W, 245 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32); *Eltanin 9*, sta. 671, 54°41'S 038°38'W, 220-320 m (MC&G 71).

South Orkneys Islands: no loc., [60°40'S 045°15'W], (DRL 92); sta. AGB4, Laurie Island, Scotia Bay, Laurie Island, 60°44'S 044°37'W (MHT 74b).

South Shetland Islands: *Discovery 1925-27*, sta. 195, King George Island, Admiralty Bay, 62°07'S 058°28'W, 391 m (bottom/habitat: mud, stones; gear: nets) (KHB 32); Clarence Island, 180-260 m (bottom/habitat: on hydroids) (SVV 72); *Vema 17*, sta. 45, 62°33'S 059°26'W, 600-604 m; *Eltanin 6*, sta. 410, 61°18'S 056°09'W, 220-240 m; *Eltanin 12*, sta. 1003, 62°41'S 054°43'W, 210-220 m; *Eastwind*, sta. 66-010, 62°43'S 061°51'W, 183 m; sta. 66-012, 62°23'S 060°51'W, 393-417 m; sta. 66-035, 62°12'S 054°25'W, 402-407 m (MC&G 71); 62°17.3'S 055°06.2'W, 528 m; 62°51.6'S 061°06.0'W, 302 m; 62°14.4'S 058°51.7'W, 345 m (R&H 91); *Polarstern ANT VI/2*, Elephant Island, [61°10'S 055°14'W], (gear: commercial fishery bottom trawl) (COC 91b); King George Island, Admiralty Bay, [62°10'S 058°25'W] (KJ *et al.* 92); Deception Island, Foster Bay, [62°57'S 060°39'W], 112 m; English Strait [62°27'S 059°38'W], between Roberts and Greenwich Islands, 65-325 m (DRL 92); *Polarstern ANT XIV/2*, sta. 130, 61°13.70'S 055°58.10'W, 146 m (GG&C 01); 62°17.3'S 055°06.2'W, 528 m; 62°51.6'S 061°06'W, 302 m; 62°14.4'S 058°51.7'W, 345 m (R&H 91).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZI)*, sta. 26 DR 21, Kapp Norvegia, 71°29.30'S 14°19.50'W, 210 m (gear: small dredge) (JG *et al.* 00); *Polarstern ANT XIII/3 (EASIZI)*, sta. 011 GSN 4, 73°22.6'S 021°10.6'W, 338 m; *Polarstern ANT VII/4 (EPOS III)*, sta. 248 GSN 10, 74°39.9'S 029°31.3'W, 602 m (in stomach of *Trematomus lepidorhinus*) (new record, JGG & CDB, new unpubl. rec.).

Depth range: 20-1501 m.

Type-locality: Davis Sea: 65°59'S 089°33'E, 350 m (AS 26b).

Ecology: Habitat: collected from hydroids and from various bottoms: mud, sand, gravel, stones, rock, with algae, sponges, bryozoans, hydroids, ascidians, and alcyonarians.

Type material location: ZMB, Berlin.

Remarks: This species has been redescribed and illustrated by McCain & Gray (1971), Vassilenko (1972), Laubitz (1992) and Takeuchi & Takeda (1992). McCain & Gray (1971) pointed out that the body spination of this species is quite variable and that there seems to be no clear pattern in the arrangement of dorsal body projections. Takeuchi & Takeda (1992) figured the most spinose form. Guerra-García & Coleman (2001) represented the lateral view of the less spinose variation. These authors figured a mature female which was lacking dorsal spines. They also figured a male without dorsal spines but this male was smaller than the mature female. Usually, males grow up larger than females in the Caprellidea (see Takeuchi & Hirano

1991, 1992, Takeuchi 1998). This indicates that Guerra-García & Coleman (2001) figured an immature male which has not developed sexual dimorphism. Further morphological studies based on fully mature specimens exhibiting sexual dimorphism and a molecular approach would help investigating the value of the dorsal projections as a potential species-level diagnostic character (De Broyer et al., 2004).

Caprellina longicollis (Nicolet, 1849)

Nicolet, 1849: 251-252, pl. 4: fig. 3. (*Caprella longicollis*).
 Nicolet, 1849: 252-253, pl. 4: fig. 4. (*Caprella brevicollis*).
 Bate, 1862: 362, pl. 57: fig. 4.
 Thomson, 1879a: 330. (*Caprellina novae-zealandiae*).
 Thomson, 1879b: 247, pl. 10: fig. D6. (*Caprellina novae-zealandiae*).
 Mayer, 1882: 27-28, figs. 4-5.
 Carus, 1885: 389.
 Thomson & Chilton, 1886: 141.
 Mayer, 1890: 15-16, pl. 6: fig. 4.
 Reed, 1897: pl. 11: 4. (*Caprella brevicollis*).
 Mayer, 1903: 30.
 Hutton, 1904: 261. (*Caprellinopsis longicollis*).
 Chilton, 1909: 605, 648. (*Caprellinopsis longicollis*).
 Stebbing, 1910: 470-471.
 Chevreux, 1913: 85. (*Caprellinopsis longicollis*).
 Thomson, 1913: 245. (*Caprellinopsis longicollis*).
 Thomson & Anderton, 1921: 113. (*Caprellinopsis longicollis*).
 Stephensen, 1927e: 354, 385. (*Caprellinopsis longicollis*).
 Barnard K.H., 1930: 440.
 Day & Morgan, 1956: 303.
 McCain, 1969: 289-290, fig. 2.
 McCain & Steinberg, 1970: 46. (syn).
 McCain & Gray, 1971: 116.
 Griffiths, 1975: 177.
 McCain, 1979: 471.
 De Broyer & Jazdzewski, 1993: 101.
 De Broyer & Rauschert, 1999: 287.
 Guerra-García, 2002a: 1291-1302, figs. 1-7.
 Guerra-García & Thiel, 2001: 875-877, fig. 3.
 Guerra-García, 2003a: 180, fig. 2.
 De Broyer et al., 2004: 79-80.

Distribution:

S++

Antipodes Islands: Off Antipodes Islands, [49°42'S 178°50'E] (JMC 69)

Auckland Islands: Port Ross, south east side of Ocean Island, 50°32'S 166°16'E, 0-3 m (bottom/habitat: algae from rocks); Western Harbour, 50°49'S 165°55'E, 10 m (bottom/habitat: algae from soft bottom, on anchor of *Acheron*); Waterfall Inlet, 50°49'S 166°13'E, 3-4 m (bottom/habitat: red and brown algae on rocks); Enderby Island, Castle Reef, [67°30'S 053°00'E], 0 m (bottom/habitat: algae on rocks in high intertidal pool) (JGG 03a).

Campbell Island: Perseverance Harbour, east side of Vire Point, 52°33'S 169°10'E, 3 m (bottom/habitat: red algae on rocks); Perseverance Harbour, west side of Davis Point, 52°34'S

169°13'E, 16 m (bottom/habitat: *Macrocystis pyrifera* holdfast, red algae and epizoid red algae on mussels), 0 m (bottom/habitat: red algae in low intertidal zone), 25 m (bottom/habitat: sediment from level coarse sand and shells); Smoothwater Bay, cliffs on north west side of Boulder Beach, 52°32'S 169°12'E, 16 m (bottom/habitat: from rock faces and underneath rock overhangs), 8 m (bottom/habitat: sponges, coralline algae and red algae on boulders); Smoothwater Bay, cliffs on north west side of first bay north west of Boulder Beach, 52°32'S 169°12'E, 10 m (bottom/habitat: sediment and red algae from boulders), 8 m (bottom/habitat: *Macrocystis pyrifera* and entangled drift algae on sloping cliff); Smoothwater Bay, cliffs on north west side of first bay north west of Boulder Beach, 52°32'S 169°12'E, 6-8 m (bottom/habitat: brown and red algae from sloping cliff face); Smoothwater Bay, cliffs west of East Cape, 52°33'S 169°13'E, 12-18 m (bottom/habitat: holdfast of *Durvillea antarctica*, sediment and red algae from rock crevice); Smoothwater Bay, cliffs west of East Cape, 52°32'S 169°13'E, 5-10 m (bottom/habitat: epiphytic red algae on brown algae from sloping rock face); east side of Windlass Bay, 52°33'S 169°04'E, 3 m (bottom/habitat: red algae from boulders); mouth of Windlass Bay, 52°33'S 169°04'E, 8 m (bottom/habitat: fauna under rocks, some red algae); Northwest Bay, mouth of small cove east of Limestone Point, 52°33'S 169°04'E, 6-8 m (bottom/habitat: algae: *Desmarestia*, *Lessonia*, tufted brown algae, red algae, coralline algae, *Codium* and mussels from boulders); Northwest Bay, mouth of small cove east of Limestone Point, 52°33'S 169°04'E, 8 m (bottom/habitat: sea urchins, spider crab and red algae with epiphytic coralline algae from rock bottom) (JGG 03a).

The Snares: no loc. (MC&S 70); west side of Ho Ho Bay, 48°07'S 166°36'E, 20-22 m (bottom/habitat: algae); Mollymawk Bay, 48°07'S 166°36'E, 12-15 m (bottom/habitat: algae on rock); South Promontory, 48°07'S 166°36'E, 0 m (bottom/habitat: algae in high intertidal zone); East end of Seal Point, 48°07'S 166°36'E, 0-2 m (bottom/habitat: algae in large sheltered tide pool); Cod Cavern Gutway, 48°07'S 166°36'E (bottom/habitat: algae on rock wall); Trumpeter Bay, 48°07'S 166°36'E, 0-2 m (bottom/habitat: algae), 22 m (bottom/habitat: fine broken shells); Broughton Island, Divers Cove, 48°07'S 166°36'E, 10-12 m (bottom/habitat: algae on rock face) (JGG 03a).

Depth range: 0-25 m.

Type-locality: Chile: no loc. (MC&S 70).

Extralimital distribution: Chile: no loc. (MC&S 70); Coquimbo, 1-5 m (bottom/habitat: from algae, under rocks and attached to buoys) (JGG 02a). South Africa (CLG 75). Tasmania, 0.5-15 m (bottom/habitat: algae, seagrass, bryozoans) (GG&T 03). New Zealand (North and South Islands, Stewart Island, Brother Islands) (MC&S 70).

Extralimital depth range: 0-123 m (MC&S 70).

Ecology: Habitat: collected from algae (coralline, red and brown algae) on rocks or boulders and from various bottoms: coarse sand and shells, boulders or rocks with algae, seagrass, bryozoans, sponges, sea urchins, and spider crab.

Type material location: Unknown.

Remarks: "*Caprellina longicollis*" probably represents a complex of at least three species (De Broyer et al. 2004).

***Caprellinoides mayeri* (Pfeffer, 1888)**

Pfeffer, 1888: 137-139, pl. 3: fig. 4. (*Caprellina mayeri*).
 Mayer, 1890: 88, pl. 5: figs. 57-58, pl. 6: figs. 15, 26, pl. 7: fig. 48.
 Mayer, 1903: 59, pl. 2: fig. 29, pl. 7: figs. 40-45, pl. 9: figs. 24-25, 62. (*Piperella grata*).
 Chevreux, 1913c: 86.
 Chilton, 1913: 54, 61-62.
 Barnard K.H., 1930: 441, fig. 62. (*Caprellinoides spinosa*).
 Schellenberg, 1931a: 265, 272.
 Barnard K.H., 1932: 302-303, fig. 167.
 Arimoto, 1970: 13-15, fig. 2.
 McCain & Steinberg, 1970: 47.
 McCain & Steinberg, 1970: 47. (*Caprellinoides spinosus*).
 McCain & Gray, 1971: 116-119, figs. 3-5.
 McCain, 1972: 241-242. (in part).
 Vassilenko, 1972: 354-356, fig. 5-6. (*Caprellinoides spinosa*).
 Thurston, 1974a: 106 (in part).
 Arnaud, 1974: 536, 562, 649. (eco).
 Thurston, 1974b: 74. (in part).
 Laubitz, 1992: 36-38, fig. 5.
 Laubitz, 1992: 36. (*Caprellinoides spinosus*).
 De Broyer & Jazdzewski, 1993: 101.
 De Broyer & Rauschert, 1999: 287. (in part)
 Guerra-García, 2001c: 215-219, figs. 6-9.
 Guerra-García & Coleman, 2001: 2, fig. 2.
 Guerra-García, 2003a: 180-181, fig. 3.
 De Broyer *et al.*, 2004: 80, 82.

Distribution: E+W+G+S+M(+Ba)

Adélie Coast: Géologie Archipelago, 66°39'S 139°55'E, 31-85 m (MC&G 71).

Antipodes Islands: *Eltanin*, west of islands, 49°40'S 178°53'E, 103 m (gear: Blake trawl); east of islands, 49°40'S 178°31'E, 86-95 m (gear: Blake trawl) (JGG 03a).

Bransfield Strait: [63°00'S 059°00'W], 160-170 m (bottom/habitat: pebbles, silty sand) (SVV 72).

Iles Crozet: *Marion Dufresne 03*, sta. 26-63, 46°21.5'S 051°55'E, 230 m (gear: Blake trawl); sta. 26-64, 46°24'S 051°59'E, 180 m (gear: beam trawl); sta. 30-73, 46°02.3'S 050°50.2'E, 187 m (gear: beam trawl); sta. 31-74, 45°57.2'S 050°32.8'E, 110 m (gear: beam trawl); *Marion Dufresne 08*, sta. 9 CP 74, 46°22.4'S 051°54.3'E, 150-160 m; sta. 9 CP 75, 46°19.8'S 051°52.3'E, 150-340 m; sta. 57 DC 241, 45°46.2'S 050°05.3'E, 195-200 m; sta. 60 DC 248, 46°02.7'S 049°48.2'E, 245-250 m; sta. 73 CP 295, 46°24.3'S 050°37.8'E, 263-412 m; sta. 77 BB 315, 46°24.5'S 051°59.8'E, 250 m; sta. 78 CP 319, 46°23.7'S 051°58.1'E, 142-170 m; sta. 79 BB 323, 46°24.6'S 051°53.8'E, 100 m (DRL 92).

Iles Kerguelen: *Marion Dufresne 04*, sta. 54 DC 125, 46°19'S 067°56.5'E, 190 m; sta. 101 DC 251, 49°00.4'S 070°45.6'E, 84 m; sta. 108 CP 261, 49°03.4'S 070°41.3'E, 76 m (DRL 92).

Macquarie Island: *Eltanin*, Macquarie Ridge, 54°30'S 158°59'E to 54°34'S 158°59'E, 112-124 m (gear: Blake trawl) (JGG 03a); *Eltanin 16*, sta. 1417, 54°24'S 159°01'E, 79-93 m; sta. 1418, 54°32'S 159°02'E, 86-101 m; *Rotoiti*, NZOI, sta. C732a, 54°29.5'S 158°58.5'E, 22 m (MC&G 71).

Magellan area: *Vema 17*, sta. 23, 53°47'S 070°17.5'W, 269-280 m; sta. 51, 55°17.5'S 066°00'W, 205-207 m (MC&G 71).

Prince Edward Islands: *Marion Dufresne 08*, sta. 18 BB 108, 46°49.8'S 037°56.4'E, 138 m; sta. 19 BB 111, 46°46.2'S 038°03.2'E, 190 m; sta. 26 CP 135, 46°50.6'S 038°00.6'E, 135-145 m; sta. 26 DC 136, 46°45.7'S 037°54'E, 185 m; sta. 31 DC 156, 46°59'S 037°46.6'E, 185 m; sta. 31 BB 157, 46°59'S 037°46.8'E, 192 m; sta. 36 BB 173, 46°40.7'S 038°06.7'E, 570-315 m (DRL 92).

Oates Coast: *Atka*, sta. 22A, 72°17.2'S 170°19.3'E, 36 m; sta. 23, 72°05.8'S 172°15.2'E, 392 m; *Burton Island*, sta. 3, 72°08'S 172°10'E, 499 m; *Glacier*, sta. 6, 73°40'S 175°17'E, 521 m; *Isla de los Estados*, sta. 2, 71°21.5'S 170°05'E (MC&G 71).

Palmer Archipelago: sta. 1361, Goudier Island, [64°49'S 063°30'W], Port Lockroy, west of boat harbour, 0.6 m (bottom/habitat: under rocks and boulders); sta. A429, 0 m (bottom/habitat: among clumps of Rhodophyceae) (MHT 74b).

Ross Sea: *Terra Nova 1910*, sta. 220, off Cape Adare, 71°17'S 170°14'E, 82-92 m; sta. 316, McMurdo Sound, 77°30'S 165°00'E, 348-457 m (KHB 30).

South Georgia: no loc. [probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W] (GP 88); no loc. (PM 90); Cumberland Bay, Maiviken, [54°14'S 036°28'W], 1-2 m (bottom/habitat: among kelp) (AS 31a); *Discovery 1925-27*, sta. 39, Cumberland East Bay, [54°17'S 036°26'W], 179-235 m (bottom/habitat: grey mud; gear: large otter trawl); sta. 42, off mouth of Cumberland Bay, [54°14'S 036°28'W], 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. WS 33, 54°59'S 035°24'W, 130 m (bottom/habitat: 135 m, grey mud, stones; gear: tow-net) (KHB 32); *Umitaka-Maru 1967*, sta. 24, 54°59.0'S 034°59.0'W- 54°58.9'S 034°52.1'W, 110 m (bottom/habitat: t° 1.2°C) (IA 70).

South Orkney Islands: Signy Island, [60°43'S 045°38'W], 1.5-20 m (MHT 74a).

South Shetland Islands: Clarence Island, [61°12'S 054°05'W], 180-260 m (bottom/habitat: on sponges) (SVV 72); *Polarstern ANT XIV/2*, sta. 004, 61°8.80'S 056°3.70'W, 161 m; sta. 130, 61°13.70'S 055°58.10'W, 146 m; sta. 011, 61°12.60'S 055°40.60'W, 97 m (JG&C 01); *Eltanin 12*, sta. 1003, 62°41'S 054°43'W, 210-220 m; sta. 1081, 60°35'S 040°44'W, 631-341 m; *Westwind*, sta. 9, 62°24'S 059°45'W, 167 m (MC&G 71).

Southern Ocean, Indian Sector: Wilkes quadrant, *Burton Island*, sta. 5, 66°32.9'S 093°00.9'E, 80 m (MC&G 71);

Pacific Sector: Udintsev quadrant, *Eltanin 15*, sta. 1343, 54°50'S 129°50'W, 567-604 m; sta. 1345, 54°50'S 129°48'W, 915-1153 m; sta. 1346, 54°49'S 129°48'W, 549 m (MC&G 71).

Depth range: 0-1153 m.

Type-locality: South Georgia: no loc., [probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W] (GP 88).

Ecology: Habitat: collected among red and brown algae, from sponges and from various bottoms: mud, stones, under rocks and boulders.

Type material location: ZMH, Hamburg. (NHM, London: *Caprellinoides spinosa*, not found).

Remarks: There are, at least, three valid species in the genus *Caprellinoides* at the moment, *C. singularis*, *C. mayeri* and *C. tristanensis*. Additional material of *Caprellinoides* should be collected for comparative morphological, behavioural and molecular studies to solve definitely the *Caprellinoides* problem and confirm the synonymies (De Broyer *et al.*, 2004).

***Caprellinoides singularis* Guerra-García, 2001c**

Guerra-García, 2001c: 213-219, figs. 1-5.
De Broyer *et al.*, 2004: 82, 84.

Distribution:

W

Bransfield Strait: *Polarstern* ANT XVII/3 (*EASIZ* III), sta. 158, 63°4.42'S 057°31.36'W, 94-95 m. (gear: Agassiz trawl) (JGG 01c).

Depth range: 94-95 m.

Type-locality: Bransfield Strait: *Polarstern* ANT XVII/3 (*EASIZ* III), sta. 158, 63°4.42'S 057°31.36'W, 94-95 m. (gear: Agassiz trawl) (JGG 01c).

Ecology: Unknown.

Type material location: ZMH, Hamburg.

Remarks: See remarks under *Caprellinoides mayeri*.

***Caprellinoides tristanensis* Stebbing, 1888**

Stebbing, 1888: 1238-1240, pl. 141.
Schellenberg, 1926b: 467-470, fig. 2. (*Caprellinoides antarctica*).
Barnard K.H., 1932: 301.
Stephensen, 1949: 56-59.
McCain & Steinberg, 1970: 47.
McCain & Steinberg, 1970: 47. (*Caprellinoides antarcticus*).
McCain & Gray, 1971: 116-119, fig. 4. (*Caprellinoides mayeri*, in part).
Vassilenko, 1972: 351-354, figs. 3, 4. (*Caprellinoides antarcticus*).
Laubitz, 1992: 36, 38, fig. 6.
De Broyer & Jazdzewski, 1993: 102.
Laubitz, 1995: 88.
De Broyer & Rauschert, 1999: 287. (*Caprellinoides mayeri*, in part).
Gutt *et al.*, 2000: 84-87. (*Caprellinoides antarcticus*).
Guerra-García, 2001c: 216-219, figs. 10-13.
Guerra-García & Coleman, 2001: 2, fig. 3.
Takeuchi & Watanabe, 2002: 626. (*Caprellinoides antarcticus*).
De Broyer *et al.*, 2004: 84.

Distribution:

E+W+G+S+T(+Ba)

? Bransfield Strait: no loc. (cited by SVV 72, original source not found).

Iles Crozet: *Marion Dufresne* 03, sta. 26-64, 46°24'S 051°59'E, 180 m (gear: beam trawl); *Marion Dufresne* 08, sta. 9 CL 61, 46°22.8'S 051°50.5'E, 75-104 m; sta. 50 BB 218, 45°52.2'S

050°35.2'E, 145-143 m; sta. 60 BB 250, 46°03.4'S 049°47.6'E, 267 m; sta. 59 BB 253, 45°59.8'S 049°58.3'E, 215 m; sta. 67 BB 273, 46°17'S 049°37'E, 275 m; sta. 70 BB 281, 46°45'S 050°29'E, 1215-1245 m; sta. 72 BB 291, 46°24.5'S 050°33'E, 187-196 m; sta. 74 BB 297, 46°18.3'S 050°48'E, 210 m; sta. 77 BB 315, 46°24.5'S 051°59.8'E, 250 m (DRL 92).

Davis Sea: 'Gauss Station', 66°02'S 089°38'E, 385 m (bottom/habitat: sitting on a *Nymphon*; gear: trap); 65°59'S 089°33'E, 350 m (AS 26b); Fulmar Island [66°32'S 093°01'E], *Mirnyj* Station, 15-55 m (bottom/habitat: rock, on hydroids *Sertularella*); Tokarev Island [66°32'S 092°59'E], 30-36 m (bottom/habitat: rock) (SVV 72); *PABE I*, sta. D1, 66°33'S 093°01'E, 68 m (new record, JGG & CDB, new unpubl. rec.).

Enderby Land: East Ongul Island, Lützw-Holm Bay, 69°S 039°35'E, 12 m (bottom/habitat: on *Desmarestia chordalis*) (T&W 02).

Heard Island: *Marion Dufresne* 03, sta. 8-25, 52°59.4'S 073°38'E, 90 m (DRL 92).

Iles Kerguelen: Fjord Bossière, [49°25'S 069°41'E], 10-15 m (DRL 92).

Marion Island: *Marion Dufresne* 08, sta. 19 BB 111, 46°46.2'S 038°03.2'E, 190 m (DRL 92).

South Georgia: *Discovery* 1925-27, sta. MS 14, Cumberland East Bay, off Sappho Point, [45°17'S 036°26'W], 110-190 m (gear: small dredge) (KHB 32).

South Shetlands: *Polarstern* ANT XIV/2, sta. 130, 61°13.70'S 055°58.10'W, 146 m (GG&C 01); King George Island, Admiralty Bay, sta. CA 121, [62°10'S 058°25'W] (new record, JGG & CDB, new unpubl. rec.).

Tristan da Cunha: *Challenger* 1873-76, sta. 135C, off Nightingale Island, 37°25'30"S 012°28'30"W, 201 m (gear: dredge) (TRS 88).

Weddell Sea: *Polarstern* ANT XIII/3 (*EASIZ* I), sta. 26 DR 20, Kapp Norvegia, 71°29.30'S 14°18.60'W, 216 m (gear: small dredge) (JG *et al.* 00).

Depth range: 10-1245 m.

Type-locality: Tristan da Cunha: *Challenger* 1873-76, sta. 135C, off Nightingale Island, 37°25'30"S 012°28'30"W, 201 m (gear: dredge) (TRS 88).

Ecology: Habitat: collected from hydroids on rocky bottoms, from algae and from a pycnogonid.

Extralimital distribution: Ile Amsterdam: CP-07, 37°42.2' S 77°39.0'E, 1680 m (gear: beam trawl) (DRL 95).

Extralimital depth range: 1680 m (DRL 95).

Type material location: NHM, London: not found. (ZMB, Berlin: *Caprellinoides antarcticus*).

Remarks: See remarks under *Caprellinoides mayeri*.

***Dodecas elongata* Stebbing, 1883**

Stebbing, 1883: 207;

Stebbing, 1888: 1233-1237, pls. 139-140.

Barnard K.H., 1932: 303-304, fig. 169b. (*Dodecas reducta*).

McCain & Steinberg, 1970: 49.

McCain & Gray, 1971: 119.

McCain & Gray, 1971: 119-120, figs. 2-6. (*Dodecas*

eltaninae).

McCain & Gray, 1971: 121. (*Dodecas reducta*).

Vassilenko, 1972: 346-347, fig. 1.

Laubitz, 1992: 31-34, fig. 2.

De Broyer & Jązdowski, 1993: 102.

Laubitz, 1995: 85.

De Broyer & Rauschert, 1999: 287.

De Broyer *et al.*, 2004: 84-85.

Distribution:

G+S+M(+Ba)

Iles Crozet: *Marion Dufresne 03*, sta. 26-64, 46°24'S 051°59'E, 180 m (gear: beam trawl); sta. 30-73, 46°02.3'S 050°50.2'E, 187 m (gear: beam trawl); sta. 31-74, 45°57'S 050°32.8'E, 110 m; *Marion Dufresne 08*, sta. 50 DC 216, 45°51.5'S 050°37.8'E, 150 m; sta. 57 DC 241, 45°46.2'S 050°46.2'E, 195 m; sta. 60 DC 248, 46°02.7'S 049°48.2'E, 245 m; sta. 64 DC 268, 46°02'S 049°08.5'E, 930-900 m; sta. 46 CP 204, 46°10.6'S 050°44.7'E, 375-490 m; sta. 48 CP 209, 46°05'S 050°37.1'E, 200-140 m; sta. 62 CP 257, 45°05.7'S 050°01.9'E, 210 m; sta. 68 CP 275, 46°16.6'S 049°37'E, 270-262 m; sta. 78 CP 319, 46°23.7'S 051°58.1'E, 142-170 m; sta. 60 BB 250, 46°03.4'S 049°47.6'E, 267 m; sta. 59 BB 253, 45°59.8'S 049°58.3'E, 215 m; sta. 63 BB 259, 46°04.7'S 049°19'E, 480-525 m; sta. 67 BB 273, 46°17'S 049°37'E, 275 m; sta. 72 BB 291, 46°24.5'S 050°33'E, 187-196 m; sta. 74 BB 297, 46°18.3'S 050°48'E, 210 m; sta. 77 BB 315, 46°24.5'S 051°59.8'E, 250 m; sta. 79 BB 323, 46°24.6'S 051°53.8'E, 100 m (DRL 92).

Heard Island: *Marion Dufresne 03*, sta. 8-25, 52°59.4'S 073°38'E, 90 m (DRL 92).

Iles Kerguelen: *Challenger 1873-76*, sta. 149F, Baie de Rhodes, 48°55'S 69°31"E, 174 m (bottom/habitat: volcanic mud; gear: dredge); sta. 149G, off London River, 48°50'S 69°18', 201 m (bottom/habitat: volcanic mud; gear: dredge); sta. 149J or 149G, 182 m (TRS 83; TRS 88); *Ob*, sta. 122, 64 m (SVV 72); Ker-D40, Golfe du Morbihan: north of Ile Longue [49°27'23"S 070°12'01"E], 130 m (gear: small Charcot dredge); Ker-D74, between Iles Pender, Bryer and Powell, [49°27'23"S 070°12'01"E], 50 m (gear: small Charcot dredge); Ker-B17, N of Ile Australia, [49°27'23"S 070°12'01"E], 24 m (gear: orange peel bottom sampler); *Marion Dufresne 03*, sta. 20-56, 48°13.4'S 070°14.3'E, 130 m (gear: beam trawl); sta. 24-61, 50°10.7'S 069°48.7'E, 195 m (gear: Blake trawl); *Marion Dufresne 04*, sta. 29 DC 71, 49°31'S 069°11.7'E, 25 m; sta. 34 DC 88, 49°27.4'S 068°10.7'E, 185 m; sta. 37 DC 91, 49°26.5'S 067°19.9'E, 310 m; sta. 51 DC 118, 48°43.8'S 068°44.5'E, 95 m; sta. G 63 DC 152, 48°40.7'S 069°15.0'E, 335 m; sta. 74 DC 178, 49°02.3'S 049°01.1'E, 30 m; sta. G 80 DC 192, 49°01.1'S 069°23.7'E, 136 m; sta. 85 DC 202, 49°06.1'S 070°13.1'E, 51 m; sta. 89 DC 314, 48°38;1'S 070°04.7'E, 105 m; sta. 99 DC 247, 49°07.2'S 070°37.2'E, 44 m; sta. 100 DC 248, 49°03.6'S 070°40.5'E, 73 m; sta. 88 CP 213, 48°54.6'S 069°59.3'E, 87 m; sta. 93 CP 226, 47°44.8'-47°43.4'S 070°15.7'-070°12.5'E, 164-162 m; sta. 108 CP 261, 49°03.4'S 070°41.3'E, 76 m (DRL 92); *IRScNB-KER 82*, Ile Suhm, [49°30'S 070°10'E], sta. D19, 50 m, sta. D25, 30 m, sta. D35, 25 m, sta. N10, near Fosse de Channer, [49°24'10"S 070°10'07"E], 55 m (new record, JGG & CDB, new unpubl. rec.).

Magellan area: *Vema 17*, sta. 18, 53°55'S 071°16.8'W, 248-262 m; *Vema 18*, Horn quadrant, sta. 12, 47°09'S 60°38'W, 424-428 m (MC&G 71).

Prince Edward Islands: *Marion Dufresne 08*, sta. 15 BB 88, 46°57.7'S 037°59.9'E, 204 m; sta. 18 BB 108, 46°49.8'S 037°56.4'E, 138 m; sta. 36 CP 175, 46°40.9'S 038°07.2'E, 570 m (DRL 92).

South Georgia: *Discovery 1925-27*, sta. 39, Cumberland East Bay, [54°17'S 036°26'W], 179-235 m (bottom/habitat: grey mud; gear: large otter trawl) (KHB 32).

Southern Ocean, Pacific Sector: Udintsev quadrant, *Eltanin 15*, sta 1343, 54°50'S 129°50'W, 567-604 m; sta. 1346, 54°49'S 129°48'W, 549 m (MC&G 71).

Depth range: 24-930 m.

Type-localities: Iles Kerguelen: *Challenger 1873-76*, sta. 149F, Baie de Rhodes, 48°55'S 69°31"E, 174 m (bottom/habitat: volcanic mud; gear: dredge); sta. 149G, off London River, 48°50'S 69°18', 201 m (bottom/habitat: volcanic mud; gear: dredge)(TRS 88).

Ecology: Habitat: collected from muddy bottoms.

Extralimital distribution: St Paul and Amsterdam Islands, 165-2010 m (DRL 95).

Extralimital depth range: 165-2010 m (DRL 95).

Type material location: NHM, London.

Remarks: Laubitz (1992) revised and figured in detail *Dodecas elongata* and considered *D. eltaninae* McCain & Gray, 1971 and *D. reducta* K.H. Barnard, 1932 synonyms of *D. elongata*.

***Dodecasella elegans* K.H. Barnard, 1931**

Barnard K.H., 1931: 430.

Barnard K.H., 1932: 304-305, figs. 168-169a.

McCain & Steinberg, 1970: 50.

McCain & Gray, 1971: 121-122.

Rauschert, 1990: 455.

Rauschert, 1991: 38.

Takeuchi & Takeda, 1992: 71-76, figs. 4-6.

De Broyer & Rauschert, 1999: 287.

Gutt *et al.*, 2000: 84-87. (*Caprellinoides elegans*).

De Broyer *et al.*, 2004: 85-86.

De Broyer & Jązdowski, 1993: 102.

Distribution:

E+W+G(+Ba+Ab)

Davis Sea: *PABE I*, sta. D1, 66°33'S 093°01'E, 68 m (new record, JGG & CDB, new unpubl. rec.).

Princess Ragnhild Coast: Breid Bay, sta. 5, 70°09'S 023°46.3'E, 275-283 m (gear: beam trawl); Gunnerus Bank, 68°23.5'S 034°07.5'E, 281-282 m (gear: beam trawl) (T&T 92).

Scotia Sea: *Polarstern ANT XIX/3 (ANDEEP I)*, sta. 046/7, from 60°38.21'S 053°57.22'W to 60°38.07'S 053°57.29'W, 2893-2894 m (gear: epibenthic sledge) (new record, JGG & CDB, new unpubl. rec.).

South Georgia: *Discovery 1925-27*, sta. 42, off mouth of Cumberland Bay, [54°14'S 036°28'W], 120-204 m (bottom/habitat: mud; gear: large otter trawl, nets); sta. 45, off 'Jason Light', [54°17' S 036°30'W], 238-270 m (bottom/habitat:

grey mud; gear: nets, tow-net of coarse silk); sta. 123, off mouth of Cumberland Bay, [54°14'S 036°28'W], 230-250 m (bottom/habitat: grey mud; gear: large otter trawl, nets); sta. 140, Stromness Harbour to Larsen Point, [54°09'S 036°41'W], 122-136 m (bottom/habitat: green mud, stones; gear: nets); sta. 144, off mouth of Stromness Harbour, [54°09'S 036°41'W], 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk) (KHB 32).

South Shetland Islands: King George Island, 62°11'S 058°52'W (MR 91); Fildes Peninsula [62°12'S 058°58'W]; Maxwell Bay [62°15'S 058°51'W] (MR 90).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 02 AGT 02, Kapp Norvegia, 71°18.70'S 12°17.10'W, 170 m (gear: Agassiz trawl); sta. 05 BT 02, Kapp Norvegia, 71°41.10'S 12°44.30'W, 227 m (gear: bottom trawl); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 13 BT 06, South of Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl); sta. 26 DR 21, Kapp Norvegia, 71°29.30'S 14°19.50'W, 210 m (gear: small dredge) (JG *et al.* 00).

Depth range: 68-2894 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 123, off mouth of Cumberland Bay, [54°14'S 036°28'W], 230-250 m (bottom/habitat: grey mud; gear: large otter trawl, nets) (KHB 32).

Ecology: Habitat: collected from muddy and sandy bottoms.

Type material location: NHM, London.

Remarks: Complete redescription and illustrations of *Dodecasella elegans* can be found in Takeuchi & Takeda (1992). K.H. Barnard (1931) noted that male gills on pereonite 4 of this species enlarge during growth, and recently Guerra-García has examined adult males of *D. elegans* with extremely enlarged gills (De Broyer *et al.*, 2004).

***Dodecasella georgiana* (Schellenberg, 1931a)**

Schellenberg, 1931a: 262-264, fig. 136. (*Dodecas georgiana*).

McCain & Steinberg, 1970: 49. (*Dodecas georgiana*).

McCain & Gray, 1971: 121-122, figs. 2, 7.

Laubitz, 1992: 33-34, fig. 3.

De Broyer & Jazdzewski, 1993: 102.

De Broyer & Rauschert, 1999: 287.

De Broyer *et al.*, 2004: 86-87.

Distribution: **G+S(+Ba)**

Iles Crozet: *Marion Dufresne 03*, sta. 26-64, 46°24'S 051°59'E, 180 m (gear: beam trawl); sta. 30-73, 46°02.3'S 050°50.2'E, 187 m (gear: beam trawl); *Marion Dufresne 08*, sta. 68 CP 275, 46°16.6'S 049°37'E, 270-262 m (DRL 92).

South Georgia: Maiviken, [54°14'S 036°30'W], 75 m (bottom/habitat: clay, algae); Cumberland Bay; [54°14'S 036°28'W], 252-310 m (bottom/habitat: clay, stones) (AS 31a).

Southern Ocean, Pacific Sector: Udintsev quadrant, *Eltanin 23*, sta; 1691, 53°56'S 140°19'W, 362-567 m (MC&G 71).

Depth range: 75-567 m.

Type-localities: South Georgia: Maiviken, [54°14'S 036°30'W], 75 m (bottom/habitat: clay, algae); Cumberland Bay; [54°14'S 036°28'W], 252-310 m (bottom/habitat: clay, stones) (AS 31a).

Extralimital distribution: **Southwest Atlantic:** Plata quadrant, Argentinian Basin: *Vema 15*, sta. 131, 40°14.6'S 055°24.6'W, 1475 m (MC&G71).

Extralimital depth range: 1475 m.

Ecology: Habitat: collected from clay with algae or stones.

Type material location: NRS, Stockholm.

Remarks: Laubitz (1992) illustrated this species in detail and reported the differences with *Dodecasella elegans*, the only other species in the genus.

***Paraproto* sp. De Broyer *et al.*, 2004**

McCain & Gray, 1971: 127-128, figs. 9, 11. (*Paraproto condylata*).

Guerra-García & Coleman, 2001: 2-3, figs. 4-8. (*Paraproto condylata*)

Non Haswell, 1885a: 993-995, pl. 48: figs. 1-4. (*Proto condylata*).

Non Mayer, 1903: 25, pl. 1: fig. 10, pl. 6: fig. 20. (*Paraproto condylata*).

De Broyer & Jazdzewski, 1993: 102. (*Paraproto condylata*).

De Broyer *et al.*, 2004: 86, 89.

Depth range: 146-221 m.

Distribution: **W**

South Shetland Islands: South of Elephant Island ("Scotia Ridge"), *Eltanin 12*, sta; 1003, 62°41'S 054°43'W, 210-221 m (MC&G 71); *Polarstern ANT XIV/2*, sta. 004, 61°8.80'S 056°3.70'W, 161 m; sta. 130, 61°13.70'S 055°58.10'W, 146 m (GG&C 01).

Remarks: The Antarctic "*Paraproto condylata*" specimens are not conspecific with Haswell, (1885a)' species and quite probably belong to a new species (De Broyer *et al.* 2004).

***Pseudododecas bowmani* McCain & Gray, 1971**

McCain & Gray, 1971: 131-133, figs. 2, 14.

Arnaud, 1974: 593. (eco).

Laubitz, 1992: 35, fig. 4.

De Broyer & Jazdzewski, 1993: 103.

Guerra-García & Coleman, 2001: 3-4, figs. 9-13.

De Broyer *et al.*, 2004: 89.

Distribution: **W(+Ba)**

South Shetland Islands: *Eltanin 12*, sta. 997, 61°44'S 055°56'W, 769 m (MC&G 71); English Strait [62°27'S 059°38'W], between Roberts and Greenwich Islands, 325 m (DRL 92); *Polarstern XIV/2*, sta. 164, 62°8.30'S 057°59.70'W, 467 m; sta. 176, 65°54.50'S 067°48.10'W, 445 m (GG&C 01).

Depth range: 325-769 m.

Type-locality: South Shetland Islands: 61°44'S 055°56'W, 769 m (MC&G 71).

Ecology: Unknown.

Type material location: USNM, Washington.

***Pseudoprotomima hedgpethi* McCain & Gray, 1971**

McCain & Gray, 1971: 133-135, figs. 9, 15.

De Broyer & Jazdzewski, 1993: 103.

De Broyer & Rauschert, 1999: 287.

De Broyer *et al.*, 2004: 89.

Distribution:

W+M+

Magellan area: *Vema 14*, sta. 5, 45°51'S 061°52'W, 107 m; sta. 6, 46°47.7'S 062°47'W, 105 m; sta. 14, 54°23'S 065°35'W, 75 m; *Vema 17*, sta. 74, 41°27'S 059°33'W, 71 m; sta. 75, 41°41'S 059°19'W, 82 m; sta. 76, 41°57'S 059°03'W, 81 m; sta. 88, 45°11'S 060°55'W, 110 m; sta. 89, 45°02'S 061°18'W, 102 m; sta. 90, 44°53'S 061°43'W, 99 m; sta. 91, 44°45'S 062°11'W, 98 m; sta. 102, 34°25'S 052°19'W, 73 m (MC&G 71).

South Orkney Islands: *Eltanin 12*, sta. 1082, 60°50'S 042°55'W, 293-311 m; sta. 1084, 60°22'S 046°50'W, 293-403 m (MC&G 71).

Depth range: 71-403 m.

Type-locality: Magellan area: *Vema 17*, sta. 75, 41°41'S 059°19'W, 82 m (MC&G 71).

Extralimital distribution: South-West Atlantic, off Uruguay: *Vema 17*, sta. 102: 34°25'S 052°19'W, 73 m (MC&G 71).

Extralimital depth range: 73 m.

Ecology: Unknown.

Type material location: AMNH, New York; USNM, Washington.

Family CYAMIDAE Rafinesque, 1815

***Cyamus balaenopterae* K.H. Barnard, 1931**

Barnard K.H., 1931: 430.

Barnard K.H., 1932: 309-310, fig. 171.

Gruner, 1975: 81. (syn).

Berzin & Vlasova, 1982: 159-160.

Dailey & Vogelbein, 1991: 357, 359.

De Broyer & Jazdzewski, 1993: 105.

Martin & Heyning, 1999: 27.

Margolis, McDonald & Bousfield, 2000: 80-82, fig. 9. (*Cyamus* (*Paracyamus*) *balaenopterae*).

Lowry & Stoddart, 2003: 30-31.

De Broyer *et al.*, 2004: 89-90.

Host(s):

Balaenoptera acutorostrata Lacépède, 1804 (minke whale; northern and southern hemispheres).

Balaenoptera musculus (Linnaeus, 1758) (blue whale; northern and southern hemispheres).

Balaenoptera physalus (Linnaeus, 1758) (fin whale; northern and southern hemispheres).

Distribution in the southern hemisphere: **An++**

Southern Ocean: in the Antarctic, no loc., on *B. physalus*

(Be&V 82); In the Antarctic, no loc., on *B. acutorostrata* (VVA 89); Indian Sector: Wilkes quadrant, 61°55'S 106°21'E; 61°43'S 110°07'E; Pacific Sector, Amundsen quadrant: 70°07'S 113°55'W; 70°20'S 114°21'W; 69°58'S 108°15'W, on *B. acutorostrata* (D&V 91).

Other localities:

Australia, on *B. physalus* and *Megaptera novaeangliae* (L&S 03).

Type-locality: South Africa: Saldanha Bay and Durban, from *Balaenoptera musculus* and *B. physalus* (KHB 31).

Type material location: NHM, London.

***Cyamus boopis* Lütken, 1871**

Lütken, 1871: 280.

Barnard K.H., 1932: 312. (*Paracyamus boopis*).

Margolis, 1955: 124-127, figs. 7-12.

Leung, 1965: 134.

Gruner, 1975: 81-82. (syn).

Griffiths, 1974b: 257.

Griffiths, 1975: 176.

Berzin & Vlasova, 1982: 157-160.

Sedlak-Weinstein, 1991: 95-96, pl.1: fig. 3, pl. 2: fig. 6, pl. 4: fig. 11, pl. 5: fig. 16.

De Broyer & Jazdzewski, 1993: 105.

Martin & Heyning, 1999: 27.

Margolis, McDonald & Bousfield, 2000: 79-80, fig. 8. (*Cyamus* (*Paracyamus*) *boopis*).

Lowry & Stoddart, 2003: 31.

De Broyer *et al.*, 2004: 90.

De Broyer & Jazdzewski, 1993: 105.

Hosts:

Megaptera novaeangliae (Borowski, 1781) (humpback whale; northern and southern hemispheres).

Physeter catodon Linnaeus, 1758 (sperm whale; northern and southern hemispheres).

Unidentified New Zealand whale (Sedlak-Weinstein 1991).

Unidentified south Australian whale (Sedlak-Weinstein 1991).

Distribution in the southern hemisphere: **An++**

Southern Ocean: Antarctic, no loc., on *Megaptera novaeangliae* (YML 65); on *Physeter catodon* (Be&V 82).

South Georgia: on *Megaptera novaeangliae* (KHB 32).

South Shetland Islands: on *Megaptera novaeangliae* (KHB 32).

Other localities:

South Africa, on *Megaptera novaeangliae*; New Zealand, Australia, on unidentified whales (Be&V 82), (ESW 91).

Type-locality: West Greenland (HEG 75).

Type material location: ZMUC, Copenhagen; MNHN, Paris.

***Cyamus catodontis* Margolis, 1954**

Margolis, 1954: 320-324., pls. 1-2

Buzeta, 1963: 129-132, pl.1: figs. 1-8, pl. 2. (*Cyamus bahamondei*).

Leung, 1965: 134.
 Gruner, 1975: 82-83. (syn).
 Gruner, 1975: 80-81. (syn). (*Cyamus bahamondei*).
 Berzin & Vlasova, 1982: 157-158.
 Berzin & Vlasova, 1982: 157-160. (*Cyamus bahamondei*).
 De Broyer & Jazdzewski, 1993: 104. (*Cyamus bahamondei*).
 Martin & Heyning, 1999: 27.
 Martin & Heyning, 1999: 27. (*Cyamus bahamondei*).
 Margolis, McDonald & Bousfield, 2000: 82-84, fig. 10. (*Cyamus (Mesocyamus) catodontis*).
 Lowry & Stoddart, 2003: 31-32.
 De Broyer *et al.*, 2004: 90.

Host(s):

Physeter catodon Linnaeus, 1758 (sperm whale, northern and southern hemispheres).

Balaenoptera acutorostrata Lacépède, 1804 (minke whale; northern and southern hemisphere).

Balaenoptera musculus (Linnaeus, 1758) (blue whale; northern and southern hemisphere).

Balaenoptera physalus (Linnaeus, 1758) (fin whale; northern and southern hemisphere).

Distribution in the southern hemisphere: An++

Southern Ocean: Antarctic, no loc.; Weddell Sea, 67°12'S 020°32'W; Atlantic Sector, Maud quadrant: 55°04'S 017°04'E; 54°40'S 025°15'E; 57°20'S 017°35'E; Pacific Sector, Bellingshausen quadrant: 67°50'S 082°40'W; 66°35'S 078°46'W; 63°43'S 066°40'W; 60°29'S 053°50'W, on *Physeter catodon* (YML 65), (Be&V 82); no loc., on *B. acutorostrata* (Be&V 82).

Other localities: South Africa, South Australia, on *Physeter catodon* (Be&V 82). Chile, Iquique, 20°17'S 070° 09'W, approximately 100 miles far from the coast on *Physeter catodon*; Chile, Talcahuano, 36°45'S 073°12'W, on *Physeter catodon* (RB 63).

Type-locality: Canada: off British Columbia, Coal Harbour, from *Physeter catodon* (LM 54).

Type material location: CMN, Ottawa; MNHN, Santiago (*Cyamus bahamondei*).

Remarks: Type material of *C. bahamondei* has recently been examined by T. Haney (Los Angeles) who came to the conclusion that *C. bahamondei* is a junior synonym of *C. catodontis* (Todd Haney pers. com.).

***Cyamus erraticus* Roussel de Vauzème, 1834**

Roussel de Vauzème, 1834: 259, pl. 8: figs. 22-23.

Chevreaux, 1913c: 183-184, fig. 62.

Stephensen, 1947a: 80.

Margolis, 1955: 123-124, fig. 1-6.

Gruner, 1975: 84-85. (syn).

Griffiths, 1974b: 257.

Griffiths, 1975: 176.

Berzin & Vlasova, 1982: 159-160.

De Broyer & Jazdzewski, 1993: 105.

Martin & Heyning, 1999: 27.

Margolis, McDonald & Bousfield, 2000: 75-76, fig. 6. (*Cyamus*

(*Cyamus*) *erraticus*).

Lowry & Stoddart, 2003: 32.

De Broyer *et al.*, 2004: 90-91.

Host(s):

Eubalaena australis (Desmoulins, 1822) (southern right whale; southern hemisphere).

Eubalaena glacialis (Muller, 1776) (northern right whale; northern hemisphere).

Megaptera novaeangliae (Borowski, 1781) (humpback whale, northern and southern hemisphere).

Distribution in the southern hemisphere: An+Sa++

Southern Ocean: Southern Atlantic waters, near Tristan da Cunha and Falkland Islands, on *Eubalaena australis* (HEG 75).

Antarctic, no loc., on *Eubalaena australis* (Be&V 82).

South Georgia, on *Balaena sp.* (KS 47a).

South Shetland Islands: Deception Island, on *Megaptera novaeangliae*; Yankee Harbour, on *Megaptera novaeangliae* (EC 13c).

Other localities: New Zealand, on *Eubalaena australis* (Be&V 82).

Type-locality: Found on *Eubalaena australis* in the Southern Atlantic waters, near Tristan da Cunha and Falkland Islands (HEG 75).

Type material location: Missing in MNHN, Paris; probably lost.

***Cyamus gracilis* Roussel de Vauzème, 1834**

Roussel de Vauzème, 1834: 259, pl. 8: figs. 24-25.

Barnard K.H., 1932: 312-313. (*Paracyamus gracilis*).

Leung, 1965: 137.

Gruner, 1975: 85. (syn).

Griffiths, 1975: 176.

Berzin & Vlasova, 1982: 159-160.

De Broyer & Jazdzewski, 1993: 105.

Martin & Heyning, 1999: 27.

Margolis, McDonald & Bousfield, 2000: 76-78, fig. 7. (*Cyamus (Cyamus) gracilis*).

De Broyer *et al.*, 2004: 91.

Host(s):

Eubalaena australis (Desmoulins, 1822) (southern right whale; southern hemisphere).

Eubalaena glacialis (Muller, 1776) (northern right whale; northern hemisphere).

Distribution in the southern hemisphere: An+Sa++

Southern Ocean: Antarctic, no loc., on *Eubalaena australis* (YML 65; Be&V 82).

South Georgia: on *Eubalaena australis* (KHB 32).

South Atlantic waters, near Tristan da Cunha and Falkland Islands, on *Eubalaena australis* (HEG 75).

Other localities: South America, South Africa, New Zealand, on *Eubalaena australis* (Be&V 82).

Type-locality: South Atlantic waters, near Tristan da Cunha and Falkland Islands, on *Eubalaena australis* (HEG 75).

Type material location: Missing in MNHN, Paris; probably lost.

***Cyamus ovalis* Roussel de Vauzème, 1834**

Roussel de Vauzème, 1834: 241-255, 259, pl. 8: figs. 1-21, pl. 9: fig. 19.

Barnard, K.H., 1932: 307-309, fig. 170.

Stephensen, 1947a: 80.

Gruner, 1975: 87-88. (syn).

Griffiths, 1975: 176.

Berzin & Vlasova, 1982: 159-160.

De Broyer & Jażdżewski, 1993: 105.

Martin & Heyning, 1999: 28.

Margolis, McDonald & Bousfield, 2000: 73, 74, 76, fig. 5. (*Cyamus (Cyamus) ovalis*).

De Broyer *et al.*, 2004: 91.

Host(s):

Eubalaena australis (Desmoulins, 1822) (southern right whale; southern hemisphere).

Eubalaena glacialis (Muller, 1776) (northern right whale; northern hemisphere).

Physeter catodon Linnaeus, 1758 (sperm whale, northern and southern hemispheres).

Distribution in the southern hemisphere: An+Sa++
Southern Ocean: South Atlantic waters, near Tristan da Cunha and Falkland Islands (HEG 75).

South Georgia: on *Eubalaena australis* (KHB 32); on *Balaena* sp. (KS 47a).

Other localities: Pacific coast of South America, on *Physeter catodon* (Be&V 82).

Type-locality: South Atlantic waters, near Tristan da Cunha and Falkland Islands (HEG 75).

Type material location: MNHN, Paris.

***Isocyamus antarcticensis* Vlasova in Berzin & Vlasova, 1982**

Berzin & Vlasova, 1982: 152-157, figs. 1-2.

Kurochkin, 1988: pp.

Sedlak-Weinstein, 1992: 937.

De Broyer & Jażdżewski, 1993: 104. (*Cyamus antarcticensis*).

Martin & Heyning, 1999: 27.

De Broyer *et al.*, 2004: 91-92.

Host(s):

Orcinus orca (Linnaeus, 1758) (killer whale; northern and southern hemisphere)

Distribution in the southern hemisphere: An
Southern Ocean: North Prydz Bay, 69°00'S 075°00'E (found on pectoral fin and area of umbilicus of *O. orca*) (Be&V 82). Oates Coast: Balleny Islands, 66°55'S 163°20'E (found on pectoral fin and area of umbilicus of *O. orca*) (Be&V 82).

Other localities: no other record.

Type-localities: Southern Ocean: North Prydz Bay, 69°00'S

075°00'E (found on pectoral fin and area of umbilicus of *Orcinus orca*; Oates Coast: Balleny Islands, 66°55'S 163°20'E (found on pectoral fin and area of umbilicus of *Orcinus orca*) (Be&V 82).

Type material location: MUG, Moscow. (not found, T. Haney pers. com.).

Family DULICHIIDAE Dana, 1849

[Myers & Lowry, 2003]

***Paradyopedos antarcticus* Andres & Rauschert, 1990**

Andres & Rauschert, 1990:173-176, figs. 1-29.

Distribution: W

South Shetland Islands: Elephant Island, *Walther Herwig 68*, sta. 137, 61°18.5'S 54°40.3'W, 370 m (bottom/habitat: sand, mud; gear: Van Veen Grab 0.1 m²) (A&R 90).

Depth range: 370 m.

Type-locality: South Shetland Islands: Elephant Island, *Walther Herwig 68*, sta. 137, 61°18.5'S 54°40.3'W, 370 m (bottom/habitat: sand, mud; gear: Van Veen Grab 0.1 m²) (A&R 90).

Type material location: ZMH, Hamburg.

***Pseudodulichia antarctica* (Rauschert, 1988)**

Rauschert, 1988: 301-307, fig. 2, tab. 1. (*Dulichia antarctica*).

Rauschert, 1990b: 371-373, figs. 1-2.

Rauschert, 1991: 37.

De Broyer & Jażdżewski, 1993: 88.

Gutt *et al.*, 2000: 80-83.

Distribution: E+W

South Shetland Islands: King George Island, Fildes Strait, sta. 30/25, 62°14'S 58°56'W, 30 m (MR 88).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 32 DR 27, Kapp Norvegia, 70°28.90'S 08°15.10'W, 286 m (gear: small dredge) (JG *et al.* 00).

Depth range: 30-286 m.

Type-locality: South Shetland Islands: King George Island, Fildes Strait, sta. 30/25, 62°14'S 58°56'W, 30 m (MR 88).

Type material location: ZMB, Berlin.

Family PODOCERIDAE Leach, 1814

***Neoxenodice caprellinoides* Schellenberg, 1926b**

Schellenberg, 1926b: 474, fig. 3.

Schellenberg, 1955: 195.

Barnard J.L., 1958e: 122.

Barnard J.L., 1962d: 76, figs. 78, 79, tables 5, 8.

Lowry & Bullock, 1976: 131.

Ledoyer, 1986: 922, 924, fig. 364.

Barnard & Karaman, 1991: 662-663.

De Broyer & Jażdżewski, 1993: 87.

Distribution:**E+(Ab)**

Southern Ocean, Mawson Quadrant: 65°27'S 80°33'E, 3397 m (AS 26b).

Depth range: 3397 m

Type-locality: Mawson Quadrant: 65°27'S 80°33'E, 3397 m (AS 26b).

Extralimital distribution: Cape Basin.

Extralimital depth range:

Type material location: ZMB, Berlin.

***Neoxenodice cryophila* Lowry, 1976**

Lowry, 1976: 98-104, figs. 1-19.

Barnard & Karaman, 1991: 663.

De Broyer & Jazdzewski, 1993: 87.

Distribution:**E**

Ross Sea: Cape Hallett, Moubray Bay, 104 m and 250 m (bottom/habitat: gravel, sandy mud); Ross Island, Cape Bird, 250 m (bottom/habitat: gravel, sandy mud) (JKL 76).

Depth range: 104-250 m.

Type-locality: Ross Sea: Cape Hallett, Moubray Bay, 104 and 250 m (bottom/habitat: gravel, sandy mud); Ross Island, Cape Bird, 250 m (bottom/habitat: gravel, sandy mud) (JKL 76).

Type material location: USNM, Washington; NMNZ, Wellington.

***Neoxenodice hoshiai* Takeuchi & Takeda, 1992**

Takeuchi & Takeda, 1992: 76-81, figs. 8-11.

De Broyer & Jazdzewski, 1993: 87.

Distribution:**E**

Princess Ragnhild Coast: Breid Bay, *JARE-26*, sta. 5, 70°09.0'S 23°46.3'E, 275-283 m; sta. 8, 70°08.5'S 24°16.8'E, 270 m; sta. 9, 70°13.7'S 24°25.7'E, 276-289 m, (gear: beam trawl); Gunnerus Bank, 68°23.5'S 34°07.5'E, 281-282 m (gear: beam trawl) (T&T 92).

Depth range: 270-289 m.

Type-locality: Princess Ragnhild Coast: Breid Bay, *JARE-26*, sta. 5, 70°09.0'S 23°46.3'E, 275-283 m; sta. 8, 70°08.5'S 24°16.8'E, 270 m; sta. 9, 70°13.7'S 24°25.7'E, 276-289 m, (gear: beam trawl); Gunnerus Bank, 68°23.5'S 34°07.5'E, 281-282 m (gear: beam trawl) (T&T 92).

Type material location: NSM, Tokyo.

***Podocerus brasiliensis* (Dana, 1853)**

Dana, 1853: 838, pl. 55: fig. 9a-l. (*Platophium brasiliense*).

Della Valle, 1893: 329. (*Platophium brasiliense* in part).

Stebbing, 1899a: 239.

Walker, 1904: 296, pl. 8: fig. 52. (*Platophium synaptochir*).

Stebbing, 1906: 704.

Stebbing, 1906: 741. (*Podocerus synaptochir*).

Walker, 1909b: 343. (*Podocerus synaptochir*).

? **Stebbing, 1914b: 373.**

Barnard K.H., 1916: 279. (*Podocerus synaptochir*).

Stebbing, 1917a: 447.

Shoemaker, 1921: 102.

Barnard K.H., 1925: 366.

Gravely, 1927: 1.

Schellenberg, 1928b: 674.

? **Barnard K.H., 1932: 246. (*Podocerus ?brasiliensis*).**

Barnard K.H., 1935: 305.

Shoemaker, 1935a: 250.

Schellenberg, 1938b: 217.

Schellenberg, 1938a: 94.

Barnard K.H., 1940: 520.

Reid, 1951: 267, 281, 289. (*Podocerus brasiliensis*).

Rudwick, 1951: 153, fig. 3. (*Podocerus brasiliensis*).

Barnard J.L., 1953: 87.

Barnard J.L., 1955a: 39.

Barnard J.L., 1958e: 122.

Barnard J.L., 1958e: 122. (*Podocerus synaptochir*).

Barnard J.L. & Reish, 1959: 39, pl. 13.

Nayar, 1959: 45, pl. 15: figs. 21-26.

Barnard J.L., 1961b: 169, 173, 175, 176, 184.

Barnard J.L., 1962a: 65-67, fig. 30, (in key).

Barnard J.L., 1964b: 245.

Nayar, 1967: 164, fig. 17d, e.

Barnard J.L., 1969a: 209.

Barnard J.L., 1970a: 237, fig. 156, 157.

Barnard J.L., 1971a: 113, 117, figs. 58-60, (in key).

Rabindranath, 1972: 302, fig. 2.

Sanderson, 1973: 44. (*Podocerus brasiliensis*).

Griffiths, 1974b: 251.

Griffiths, 1974c: 322.

Surya Rao, 1974: 200.

Lowry & Bullock, 1976: 131.

Barnard & Karaman, 1991: 665.

Wakabara *et al.*, 1991: 73-75.

De Broyer & Jazdzewski, 1993: 87.

Distribution:**?M++**

? **Falkland Islands:** Stanley Harbour (TRS 14b); *Discovery* 1925-27, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large heavy dredge, large otter trawl, nets) (KHB 32).

Depth range: 105-115 m.

Type-locality: Brazil: Rio de Janeiro (dredged in the harbour) (JDD 53).

Extralimital distribution: Gulf of Aden; Hawaii; India; Southern Africa; South Atlantic Ocean; Sri Lanka; Suez; West Coast of North America; Zanzibar.

Extralimital depth range:

Type material location:

Remarks: Status of Falkland specimens to be confirmed.

***Podocerus capillimanus* Nicholls, 1938**

Nicholls, 1938: 129, fig. 67.
 Barnard J.L., 1958b: 122.
 Barnard J.L., 1962a: 65, (in key).
 Barnard J.L., 1972b: 146.
 Thurston, 1974a: 103, figs. 39 I, 40a-k.
 Truchot, 1974: 20.
 Lowry & Bullock, 1976: 131.
 Rauschert, 1988: 307-309, fig.4.
 Wakabara *et al.*, 1990: 2, 4, 6.
 Barnard & Karaman, 1991: 665.
 Branch *et al.*, 1991: 16, 40, fig. on p.16.
 Rauschert, 1991: 38.
 De Broyer & Jazdzewski, 1993: 87.

Distribution:**W+S****Iles Kerguelen:** no loc. (JPT 74).**Macquarie Island:** North End, shore (GEN 38).**Prince Edward Islands:** no loc., 5-15 m (MLB *et al.* 91).**South Orkney Islands:** Signy Island, Borge Bay, 3-20 m (MHT 74a).**South Shetland Islands:** sta. 26/45, 20 m; sta. 26/47, King George Island, 30 m; sta. 30/37 and 30/38, 10 m (MR 88); 62°11'-14'S 58°52'-58'W (MR 91); 62°58'07"S 57°08'01"W, 88 m; Elephant Island (YW *et al.* 90).**Depth range:** 0-88 m.**Type-locality:** Macquarie Island: North End, shore (GEN 38).**Type material location:** AM, Sydney.***Podocerus danae* (Stebbing, 1888)**

Stebbing, 1888: 1185, pls. 128, 129. (*Platophium danae*).
 Della Valle, 1893: 332. (*Platophium orientale*, in part).
 Stebbing, 1899a: 239.
 Stebbing, 1906: 705, fig. 122.
 Chilton, 1926b: 514.
 Barnard J.L., 1958e:122.
 Barnard J.L., 1962a: 65, (in key).
 Mills, 1972a: 75, table 1.
 Lowry & Bullock, 1976: 132.
 Bellan-Santini & Ledoyer, 1987: 418-419, fig. 25.
 Barnard & Karaman, 1991: 665.
 Branch *et al.*, 1991: 16, 39-40, fig. on p.16.
 De Broyer & Jazdzewski, 1993: 88.

Distribution:**S(+Ba)****Iles Kerguelen:** *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: volcanic mud; gear: dredge) (TRS 88).**Prince Edward Islands:** off Marion Island: *Marion Dufresne 08*, sta. 36 CP 173, 46°40.7'S 38°06.7'E, 315-570 m (BS&L 87); south-west of Prince Edward Island and south-east of Marion Island, 200-527 m (MLB *et al.* 91).**Depth range:** 200-570 m.**Type-locality:** Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 232 m (bottom/habitat: volcanic mud; gear: dredge) (TRS 88).**Type material location:** NHM, London.***Podocerus cristatus rotundatus* Schellenberg, 1931a**

Schellenberg, 1931a: 260, fig. 135.
 Barnard J.L., 1962a: 65, (in key).
 Lowry & Bullock, 1976: 132.
 Barnard & Karaman, 1991: 665.
 Gonzalez, 1991: 54.
 De Broyer & Jazdzewski, 1993: 87.
 De Broyer & Rauschert, 1999: 286, table 1.

Distribution:**G+M+****Falkland Islands:** 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).**Magellan area:** 'Marta Banco', 180 m (bottom/habitat: small stones, gravel) (AS 31a); Estrecho de Magallanes (EG 91a).**Shag Rocks:** 160 m (bottom/habitat: gravel, sand) (AS 31a).**Depth range:** 160-197 m.**Type-locality:** Falkland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel); Magellan area: 'Marta Banco', 180 m (bottom/habitat: small stones, gravel); Estrecho de Magallanes; Shag Rocks: 160 m (bottom/habitat: gravel, sand) (AS 31a).**Extralimital distribution:** South Atlantic Ocean.**Extralimital depth range:****Type material location:** NRS, Stockholm.***Podocerus danae armatus* Bellan-Santini & Ledoyer, 1987**

Bellan-Santini & Ledoyer, 1987: 419-421, fig. 26.
 Branch *et al.*, 1991: 16, fig. on p.16.
 De Broyer & Jazdzewski, 1993: 88.

Distribution:**S(+Ba)****Prince Edward Islands:** *Marion Dufresne 08*, sta 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 15 BB 88, 46°57.7'S 37°59.9'E, 204 m (bottom/habitat: coarse sand); sta. 17 BB 97, 46°52.2'S 37°53.5'E, 110 m (bottom/habitat: muddy sand); sta. 18 DC 107, 46°49.8'S 37°56.2'E, 140 m (bottom/habitat: sandy mud with bryozoans); sta. 25 CP 134, 46°45.3'S 37°56.6'E, 185-232 m; sta. 26 CP 135, 46°50.6'S 38°00.6'E, 135-145 m; sta. 31 DC 156, 46°59.05'S 37°46.06'E, 185 m (bottom/habitat: black sand and gravel); sta. 31 BB 157, 46°59.5'S 37°46.8'E, 192 m (bottom/habitat: sand); sta. 32 DC 162, 46°59'S 37°46.8'E, 83-100 m (bottom/habitat: mixture of sand, gravel and blocks); sta. 36 CP 173, 46°40.7'S 38°06.7'E, 315-570 m (BS&L 87).**Depth range:** 83-570 m.**Type-locality:** Prince Edward Islands: *Marion Dufresne 08*, sta 13 CP 85, 46°56.3'S 37°55.6'E, 120 m; sta. 15 BB 88, 46°57.7'S 37°59.9'E, 204 m (bottom/habitat: coarse sand); sta. 17 BB 97, 46°52.2'S 37°53.5'E, 110 m (bottom/habitat: muddy sand); sta. 18 DC 107, 46°49.8'S 37°56.2'E, 140 m (bottom/habitat: sandy mud with bryozoans); sta. 25 CP 134, 46°45.3'S

37°56.6'E, 185-232 m; sta. 26 CP 135, 46°50.6'S 38°00.6'E, 135-145 m; sta. 31 DC 156, 46°59.05'S 37°46.06'E, 185 m (bottom/habitat: black sand and gravel); sta. 31 BB 157, 46°59.5'S 37°46.8'E, 192 m (bottom/habitat: sand); sta. 32 DC 162, 46°59'S 37°46.8'E, 83-100 m (bottom/habitat: mixture of sand, gravel and blocks); sta. 36 CP 173, 46°40.7'S 38°06.7'E, 315-570 m (BS&L 87).

Type material location: MCSN, Verona.

***Podocerus ornatus* (Miers, 1875a)**

Miers, 1875a: 75.

Della Valle, 1893: 454.

Miers, 1879a: 210, pl. 11: fig. 6.

Stebbing, 1906: 657. (*Jassa ornata*).

Barnard J.L., 1958e: 15. (dubious species). (*Jassa ornata*).

Lowry & Bullock, 1976: 75. (*Jassa ornata*).

Barnard & Karaman, 1991: 203. (removed to *Podocerus*, but omitted in *Podocerus* p.665)

De Broyer & Jazdzewski, 1993: 88.

Distribution:

S

Iles Kerguelen: Baie des Swains (EJM 79a).

Depth range:

Type-locality: Iles Kerguelen: Baie des Swains (EJM 79a).

Type material location:

***Podocerus septemcarinatus* Schellenberg, 1926a**

Schellenberg, 1926a: 388, fig. 68.

Monod, 1926: 61, figs. 59a-e, 60a-i. (*Platophium hystericoides*).

Schellenberg, 1931a: 259.

Barnard K.H., 1932: 246, fig. 154.

Stephensen, 1947a: 75, fig. 25.

Barnard J.L., 1958e: 122.

Barnard J.L., 1962a: 64, (in key).

Lowry & Bullock, 1976: 132.

Voss, 1988: 54.

Barnard & Karaman, 1991: 665.

De Broyer & Jazdzewski, 1993: 88.

Gutt *et al.*, 2000: 80-83.

Distribution:

E+W+G(+Ba)

Bellingshausen Sea: *Belgica* 1897-99, 70°15'S 84°06'W, 569 m (TM 26).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Palmer Archipelago: *Discovery* 1925-27, sta. 182, Schollaert Channel, 278-500 m (bottom/habitat: mud; gear: nets); sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stones, mud, rock; gear: large heavy dredge, large rectangular net) (KHB 32).

Shag Rocks: 160 m (bottom/habitat: gravel, sand) (AS 31a).

South Shetland Islands: Bridgeman Island, 750 m (KS 47a).

Weddell Sea: eastern and southern shelf, no loc. (JV 88); *Polarstern* ANT XIII/3 (*EASIZ I*), sta. 13 BT 06, South of

Vestkapp, 73°36.30'S 22°19.00'W, 620 m (gear: bottom trawl) (JG *et al.* 00).

Depth range: 90-750 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type material location: ZMB, Berlin.

***Podocerus* sp. K.H. Barnard, 1932**

Barnard K.H., 1932: 247, fig. 155.

Lowry & Bullock, 1976: 132.

Barnard & Karaman, 1991: 665.

De Broyer & Jazdzewski, 1993: 88. (*Podocerus* sp.)

Distribution:

G

South Georgia: *Discovery* 1925-27, sta. 42, Cumberland Bay, 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl) (KHB 32).

Depth range: 120-204 m.

Superfamily PHOTOIDEA Boeck, 1871b

[Myers & Lowry, 2003]

Family ISCHYROCERIDAE Stebbing, 1899c

[Myers & Lowry, 2003]

Subfamily Ischyrocerinae Stebbing, 1899c

Tribe Ischyrocerini Stebbing, 1899c

***Ischyrocerus camptonyx* Thurston, 1974a**

Thurston, 1974a: 95, figs. 37a-m, 38a-k.

Chilton, 1912a: 511. (*Jassa falcata*, in part; part = *Jassa goniamera*).

Barnard K.H., 1932: 241. (*Jassa falcata*, in part).

? Stephensen, 1947a: 75, (questioned by Thurston, 1974a). (*Ischyrocerus* sp.).

Lowry & Bullock, 1976: 72.

Wakabara *et al.*, 1990: 4, 6.

Barnard & Karaman, 1991: 201.

Rauschert, 1991: 37.

De Broyer & Jazdzewski, 1993: 59.

Distribution:

E+W+G

Palmer Archipelago: Port Lockroy, 90 m (KS 47a).

South Georgia: Cumberland East Bay (KHB 32).

South Orkney Islands: *Scotia* 1902-04, sta. 325, Laurie Island, Scotia Bay; sta. 326B, Macdougall Bay (CC 12a); Signy Island, Borge Bay, 3-15 m; Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: 64°45'S 64°05'W, 20-40 m (YW *et al.* 90); King George Island, 62°11'14'S 58°52'-58'W (MR 91).

Weddell Sea: *Scotia* 1902-04, sta. 414, 71°50'S 23°30'W, 0-1828 m (gear: vertical net) (CC 12a).

Depth range: 3-90 m.

Type-locality: South Orkney Islands: Signy Island, Borge Bay, 3-15 m; Paal Harbour, 5-15 m (MHT 74a).

Type specimen location: NHM, London.

***Ischyrocerus hortator* J.L. Barnard, 1964d**

J.L. Barnard, 1964d: 329, fig. 10.

Barnard & Karaman, 1991: 201.

De Broyer & Jazdzewski, 1993: 59.

Distribution: M(Ba)

Magellan area: *Albatross*, sta. 2789, off Isla de Chiloe, 42°36'S 75°28'W, 2454 m; sta. 2788, off Archipielego de los Chronos, 45°35'S 75°55'W, 1920 m (JLB 64d).

Depth range: 1920-2454 m.

Type-locality: Magellan area: *Albatross*, sta. 2789, off Isla de Chiloe, 42°36'S 75°28'W, 2454 m (JLB 64d).

Type specimen location: USNM, Washington.

***Ischyrocerus longimanus* (Haswell, 1879b)**

Haswell, 1879b: 337, pl. 22: fig. 7. (*Wyvillea longimanus*).

Kirk, 1879: 402. (*Podocerus cylindricus*).

Haswell, 1882: 261. (*Wyvillea longimanus*).

Chilton, 1884a: 255, pl. 17: fig. 2a-e. (*Podocerus longimanus*).

Chilton, 1885: 1044. (*Podocerus longimanus*).

Thomson & Chilton, 1886: 143. (*Podocerus longimanus*).

Stebbing, 1906: 648. (*Wyvillea longimana*).

Chilton, 1921b: 227. (*Ischyrocerus anguipes*).

? Stephensen, 1927e: 353. (questioned by Barnard J.L., 1972b). (*Wyvillea longimana*).

Barnard K.H., 1930: 393. (*Ischyrocerus anguipes* var. *longimanus*).

? Barnard K.H., 1932: 243. (questioned by Barnard J.L., 1972b). (*Ischyrocerus anguipes* var. *longimanus*).

? Stephensen, 1949: 45. (questioned by J.L. Barnard, 1972c). (*Ischyrocerus longimanus*).

Macnae, 1953: 1032. (*Ischyrocerus longimanus*).

Barnard J.L., 1958e: 84.

Barnard K.H., 1965: 208.

Barnard J.L., 1972b: 27, 133, fig. 73, (in key).

Lowry, 1974a: 113, 126, fig. 10e, (in key).

Lowry & Bullock, 1976: 72-73.

Barnard & Karaman, 1991: 201.

De Broyer & Jazdzewski, 1993: 59.

Lowry & Stoddart, 2003: 147.

Distribution: S+

Auckland Islands: Carnley Harbour, low tide (KS 27e).

Gough Island: 40°21'S 09°55'W, (bottom/habitat: from kelp) (KHB 65).

Tristan da Cunha: Tristan da Cunha Island, (bottom/habitat: specimens were clinging to specimens of a *Chiton* low on the beach) (WM 53); *Norw. Sci. Exp. Tristan da Cunha 1937-38*, Tristan da Cunha Island: sta. 6, 36 m; sta. 9, 0.5 m; sta. 17, 40-45 m; sta. 24, 40 m; sta. 41, 3-12 m; sta. 51, 5-10 m; sta. 70,

0 m; sta. 74, 0 m; sta. 80, 5-12 m; Nightingale Island: sta. 88, 20-40 m; sta. 115, 35-55 m; sta. 152, Inaccessible Island, 5 m (KS 49).

Depth range: 0-55 m.

Type-locality: Australia: Clark Island, Port Jackson (WAH 79b).

Extralimital distribution: Australia; New Zealand.

Extralimital depth range: Sublittoral.

Type specimen location: AM, Sydney (lost, L&S 03).

?*Ischyrocerus* sp.1 Bellan-Santini & Ledoyer, 1987

Bellan-Santini & Ledoyer, 1987: 391-392, fig. 15a.

Branch *et al.*, 1991: 18, fig. on p.18.

De Broyer & Jazdzewski, 1993: 59. (*?Ischyrocerus* sp.2).

Distribution: S

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 17 BB 97, 46°52.5'S 37°53'E, 110 m (bottom/habitat: muddy sand); sta. 19 BB 111, 46°46.2'S 38°03.2'E, 190 m (bottom/habitat: mud); sta. 22 BB 125, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand); sta. 26 CP 135, 46°50.6'S 38°00.6'E, 135-145 m (BS&L 87).

Depth range: 30-190 m.

?*Ischyrocerus* sp.2 Branch *et al.*, 1991

Branch *et al.*, 1991: 5, 39-40, fig. on p.5.

De Broyer & Jazdzewski, 1993: 59. (*?Ischyrocerus* sp.3).

Distribution: S

Prince Edward Islands: Marion Island: Bullards Bay, Trypot Point, and Transvaal Cove, no loc., 5-10 m (MLB *et al.* 91).

Depth range: 5-10 m.

***Jassa alonsoae* Conlan, 1990**

Conlan, 1990: 2045-2049, figs. 2-6, 8, 9, 13.

? Stephensen, 1927e: 354. (*Jassa pulchella*).

Schellenberg, 1931a: 250, fig. 130. (*Jassa falcata*, in part).

Sexton & Reid, 1951: 46, pls. 27-29. (*Jassa falcata* "Large polar form").

Alonso, 1980: 8-9, pl. 5. (*Jassa falcata*).

Barnard & Karaman, 1991: 203.

? Gonzalez, 1991a: 57. (*Jassa falcata*).

Costanzo & Crescenti, 1997: 35-38, fig. 3.6.1-3.

Adami & Gordillo, 1999: 186.

Chiesa *et al.*, 2005: 170.

Distribution: G+S+M+T

? Auckland Islands: Masked Island, Carney Harbour (KS 27e; KEC 90).

Falkland Islands: Port Stanley; Port Williams (bottom/habitat: sand, small stones, algae); Port Albemarle (bottom/habitat:

sand); Port Louis (bottom/habitat: mud) (AS 31a; KEC 90).

Iles Kerguelen: no loc. (KEC 90).

Burdwood Bank: 137-150 m (bottom/habitat: shells, stones) (AS 31a; KEC 90).

Macquarie Island: Garden Bay (KEC 90).

Magellan area: southern Argentina: Puerto Madryn; Ushuaia; Bahia York (AS 31a); Puerto Deseado; Tierra del Fuego: Ushuaia (bottom/habitat: among kelp holdfasts); Puerto Pantalón (bottom/habitat: among kelp); southern Chile: Isla Navarino; Isla Picton; Isla Head (GMA 80; KEC 90); Estrecho de Magallanes, Atlantic zone: 10-20 m (Co&C 97); southern Tierra del Fuego, Canal Beagle, 54°48-52'S 68°16-24'W (A&G 99); Bahia Sloggett, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

The Snares: Punui Bay (KEC 90).

South Georgia: Cumberland Bay; Jason Harbour (AS 31a; KEC 90).

Tristan da Cunha: no loc. (KEC 90).

Depth range: 0-150 m.

Type-locality: South Georgia, Deutsche Polar Commission, sta. 7804, 54°30.58'S 36°0.45'W (KEC 90).

Type specimen location: ZMH, Hamburg.

?*Jassa barnardi* Stephensen, 1949

Stephensen, 1949: 49-52, figs. 21-22.

Barnard K.H., 1932: 242, fig. 151 a,b. (*Jassa pusilla*).

Barnard & Karaman, 1991: 203.

Distribution:

T

Tristan da Cunha: *Discovery 1925-27*, sta. 4, 40-46 m (gear: large dredge) (KHB 32); Tristan da Cunha Island: station without number, beach; sta. 3 (bottom: *Macrocystis*); sta. 68, 0 m; sta. 74, 0 m; Nightingale Island: sta. 87, in a giant's kettle; sta. 94, 0 m; sta. 110, 2-10 m; sta. 113, 0 m; sta. 114, 0 m; sta. 115, 0 m; sta. 116, 35 m; sta. 119, 20-25 m; Inaccessible Island: sta. 154, 40 m; sta. 156, 5-8 m; sta. 160, 0 m (KS 49).

Depth range: 0-46 m.

Type-locality: Tristan da Cunha: Tristan da Cunha Island: sta. 3 (bottom: *Macrocystis*) (KS 49).

Type specimen location: .

Jassa fenwicki Conlan, 1990

Conlan, 1990: 2039-2041, figs. 2-6, 8, 9, 13.

Schellenberg, 1931a: 250, fig. 130. (*Jassa falcata*, in part).

Barnard & Karaman, 1991: 203.

De Broyer & Jazdzewski, 1993: 60.

Distribution:

G+S

The Snares: Punui Bay, 48°07'S 166°38'E, 0-2 m (bottom/habitat: among red algae) (KEC 90).

South Georgia: Cumberland Bay, 46°S 36°W, 1-2 m (bottom/habitat: among algae) (AS 31a; KEC 90).

Depth range: 0-2 m.

Type-locality: The Snares: Punui Bay, 48°07'S 166°38'E, 0-2

m (bottom/habitat: among red algae) (KEC 90).

Type specimen location: AM, Sydney; NRS, Stockholm.

?*Jassa goniamera* Walker, 1903a

Walker, 1903a: 61, pl. 11: figs. 98-106a. (in part, part = *Ventojassa georgiana*).

Stebbing, 1906: 739.

Walker, 1907: 38. (*Hemijassa goniamera*).

Chilton, 1912a: 511. (*Jassa falcata*, in part, part = *Ischyrocerus camptonyx*).

Schellenberg, 1926a: 383. (*Jassa falcata*, in part).

Schellenberg, 1931a: 253.

Barnard K.H., 1932: 242, fig. 151c. (*Jassa ingens*, in part).

Nicholls, 1938: 128.

Stephensen, 1947a: 73, fig. 24.

Sexton & Reid, 1951: 72, 75, 77-78, 81-83, 85, 86. (*Jassa falcata*).

Barnard J.L., 1958e: 85.

Thurston, 1974a: 100.

Lowry & Bullock, 1976: 75.

Voss, 1988: 54. (*Jassa goniamera*).

Conlan, 1990: 2043. (questioned genus). (?*Jassa goniamera*).

Barnard & Karaman, 1991: 202, 203.

Klages, 1991: 51.

De Broyer & Jazdzewski, 1993: 60.

Dauby, Scailteur, De Broyer, 2001: 69-86. (eco).

Dauby *et al.*, 2001b: 657-662. (eco).

De Broyer *et al.*, 2001: 744-753. (eco)

Distribution:

E+W(+Ba)

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 99-108 m; *Aurora 1912-14*, sta.7, Commonwealth Bay, 109 m (GEN 38).

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Ross Sea: Cape Adare, 43 m; Coulman Island, 180 m; Winter Quarters Bay, 'Flagon Point', 10-20 m (AOW 03a).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay; sta. 326B, Macdougall Bay (CC 12a).

South Sandwich Islands: Visokoi Island, 10-17 m (KS 47a).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Trinity Peninsula: 64°20'S 56°38'W, 150 m (bottom/habitat: sand, gravel); 64°36'S 57°42'W, 125 m (bottom/habitat: stones, gravel) (AS 31a).

Weddell Sea: *Scotia 1902-04*, sta. 414, 71°50'S 23°30'W, 0-1828 m (gear: vertical net) (CC 12a); 71°02'S 12°W, 220 m (KS 47a); eastern shelf (MK 91; PD *et al.* 01), 170-584 m (CDB *et al.* 01).

Depth range: 0-584 (1828?) m.

Type-locality: Ross Sea: Cape Adare, 43 m; Coulman Island, 180 m; Winter Quarters Bay, 'Flagon Point', 10-20 m (AOW 03a).

Type specimen location: NHM, London.

***Jassa hartmannae* Conlan, 1990**

Conlan, 1990: 2049-2050, figs. 2, 3, 5, 6, 14.
Barnard J.L., 1972b: 27, 135. (*Jassa falcata*, in part).

Distribution: S+

The Snares: Senecio Pool, 48°07'S 166°38'E, 1.5 m (bottom/habitat: from *Lessonia variegata* holdfast) (KEC 90).

Depth range: 1,5 m.

Type-locality: The Snares: Senecio Pool, 48°07'S 166°38'E, 1.5 m (bottom/habitat: from *Lessonia variegata* holdfast) (KEC 90).

Extralimital distribution: New Zealand (South Island: Dunedin) (JLB 72b; KEC 90).

Extralimital depth range:

Type specimen location: AM, Sydney.

***Jassa ingens* Pfeffer, 1888**

Pfeffer, 1888: 131, pl. 3: fig. 1. (*Podocerus ingens*).
Della Valle, 1893: 445. (*Podocerus falcatus*, in part).
Stebbing, 1906: 653.
Chilton, 1913: 60, (*Jassa falcata*, in part).
Schellenberg, 1931a: 249, fig. 129.
Non Barnard K.H., 1932: 242, fig. 151c. (*Jassa ingens* = *Jassa goniamera*, in part).
Stephensen, 1938c: 241.
Stephensen, 1947a: 71, fig. 23.
Sexton & Reid, 1951: 46, 64-66, 82, 86, (not pls. 27-29).
Barnard J.L., 1958e: 85.
Sanderson, 1973: 31.
Thurston, 1974a: 99.
Thurston, 1974b: 47.
Lowry & Bullock, 1976: 75.
Conlan, 1990: 2064-2065, figs. 2-6, 9-10, 24.
Barnard & Karaman, 1991: 203.
Jażdżewski *et al.*, 1991: 110.
Rauschert, 1991: 37.
Jażdżewski *et al.*, 1992: 465, 469.
De Broyer & Jażdżewski, 1993: 60.
Jażdżewski *et al.*, 1996: 371.

Distribution: W+G

South Georgia: no loc., probably Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (GP 88); (MHT 74b); Saint Andrews Bay; Cumberland West Bay, Jason Harbour, 20 m (KS 38c).

South Orkney Islands: Signy Island, Borge Bay, 1-20 m; Paal Harbour, 5-15 m; Factory Cove, Berntsen Point, 1 m (MHT 74a); Billie Rocks; Outer Islet; off Bare Rock; Tabarin (KEC 90).

South Sandwich Islands: Candlemas Islands (KS 47a).

South Shetland Islands: Deception Island, 75 m (KS 47a); King George Island, 62°11'-14'S 58°52'-58' (MR 91); Admiralty Bay, 15 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91).

Depth range: 1-75 m.

Type-locality: South Georgia: Royal Bay, Moltke Harbor, near Deutsche Polarstation 1882-1883, 54°30'58"S 36°00'45"W (KEC 90).

Type specimen location: ZMH, Hamburg.

***Jassa justi* Conlan, 1990**

Conlan, 1990: 2041-2045, fig. 2-4, 6, 12.
Kenny & Haysom, 1962: 252, 256, 260, tables 3, 4. (eco). (*Jassa falcata*).
Fenwick, 1976: 2, 8. (*Jassa falcata*).
Barnard & Karaman, 1991: 203.
De Broyer & Jażdżewski, 1993: 60.
Lowry & Stoddart, 2003: 147.

Distribution: G+S+M+

Macquarie Island: Garden Bay, 54°29'S 158°58'E, 3 m (bottom/habitat: among mixed red and green algae on rocks) (KEC 90).

Magellan area: Isla Navarino, 3-14 m (KEC 90).

South Georgia: (KEC 90, L&S 03).

Depth range: 3-14 m.

Type-locality: Macquarie Island: Garden Bay, 54°29'S 158°58'E, 3 m (bottom/habitat: among mixed red and green algae on rocks) (KEC 90).

Extralimital distribution: Australia (Lower East coast: Careel Bay, Pittwater) (L&S 03); New Zealand (Kaikoura); southern Chile.

Extralimital depth range: Sublittoral.

Type specimen location: AM, Sydney.

***Jassa kjetilanna* Vader & Krapp, 2005**

Vader & Krapp, 2005: 3076-3082, fig. 1-3.

Distribution: M

Falklan Islands: East Falkland, Choiseul Sound, 58-59°S 52°W, 30 m (gear: baited trap, crab bins); Lively Sound (gear: crab bins) (V&K 05).

Depth range: 30 m.

Type-locality: Falklan Islands: East Falkland, Choiseul Sound, 58-59°S 52°W, 30 m (gear: baited trap) (V&K 05).

Type specimen location: TM, Tromsø.

?*Jassa multidentata* Schellenberg, 1931a

Schellenberg, 1931a: 251, fig. 131.
Barnard J.L., 1958e: 85.
Lowry & Bullock, 1976: 75.
Conlan, 1990: 2043. (questioned genus).
De Broyer & Jażdżewski, 1993: 60.

Distribution: G

South Georgia: Cumberland Bay, 1-2 m (bottom/habitat: among kelp); 'Jason Light', 10-15 m (bottom/habitat: small

stones, clay); Grytviken, 2-8 m (bottom/habitat: stones); mouth of Moraine Fjord, 5 m (bottom/habitat: stones) (AS 31a).

Depth range: 1-15 m.

Type-locality: South Georgia: Cumberland Bay, 1-2 m (bottom/habitat: among kelp); 'Jason Light', 10-15 m (bottom/habitat: small stones, clay); Grytviken, 2-8 m (bottom/habitat: stones); mouth of Moraine Fjord, 5 m (bottom/habitat: stones) (AS 31a).

Type specimen location: NRS, Stockholm.

Jassa thurstoni Conlan, 1990

Conlan, 1990: 2066-2067, figs. 2-6, 9, 26.

Schellenberg, 1931a: 250. (*Jassa falcata*, in part).

Thurston, 1974a: 100, fig. 39a-d. (*Jassa falcata* form 2).

Barnard & Karaman, 1991: 203.

Jazdzewski *et al.*, 1992: 465, 469.

De Broyer & Jazdzewski, 1993: 60.

Jazdzewski *et al.*, 1996: 371.

Distribution:

E+W+G

South Orkney Islands: Signy Island: Paal Harbour, 60°43'S 45°38'W, 20-25 m (bottom/habitat: mud; gear: anchor dredge); Outer Islet - Observation Bluff, 20 m (bottom/habitat: gravel and sand, sand with some rocks, algae on rocks; gear: Agassiz trawl); Berntsen Point - Bare Rocks, 5-10 m (bottom/habitat: gravel and sand, some rocks with *Desmarestia anceps* and *Phyllogigas grandifolius*; gear: Agassiz trawl); Berntsen Point, 3-4.5 m (bottom/habitat: solid rock; gear: SCUBA) (MHT 74a; KEC 90).

Ross Sea: *Discovery 1901-04*, Flagon Point (KEC 90).

Scotia Sea: between South Georgia and Falkland Islands, *Swedish Antarctic Expedition*, 7-160 m (AS 31a; KEC 90).

South Georgia: no loc., *Swedish Antarctic Expedition* (AS 31a; KEC 90).

South Shetland Islands: King George Island, Admiralty Bay, 46 m (gear: Van Veen grab) (KJ *et al.* 92).

Depth range: 5-160 m.

Type-locality: South Orkney Islands: Signy Island: Paal Harbour, 60°43'S 45°38'W, 20-25 m (bottom/habitat: mud; gear: anchor dredge) (MHT 74a; KEC 90).

Type specimen location: NHM, London.

?*Jassa wandeli* Chevreux, 1906e

Chevreux, 1906e: 94-99, figs. 54-56

Chevreux, 1913c: 181, fig. 61.

Lowry & Bullock, 1976: 73-74. (*Jassa falcata*, in part).

Conlan, 1990: 2043. (?*Jassa wandeli*).

Barnard & Karaman, 1991: 203.

Jazdzewski *et al.*, 1991: 110, 112.

Jazdzewski *et al.*, 1992: 465, 469.

De Broyer & Jazdzewski, 1993: 60.

Jazdzewski *et al.*, 1996: 371.

Distribution:

W

South Shetland Islands: King George Island, Admiralty Bay, 15 m (gear: SCUBA, with Tvärminne sampler) (KJ *et al.* 91).

Wilhelm Archipelago: Booth Island, shore, low tide (EC 06e).

Depth range: 0-15 m.

Type-locality: Wilhelm Archipelago: Booth Island, shore, low tide (EC 06e).

Type specimen location: MNHN, Paris.

Jassa or ?*Jassa* spp.

Stebbing, 1888: 1132, pl. 119. (*Podocerus falcatus*).

Chilton, 1912a: 511. (*Jassa falcata*, in part; part = *Ischyrocerus camptonyx*, part = *Jassa goniamera*).

Chilton, 1913: 60. (*Jassa falcata*, in part; part = *Jassa ingens*).

Stebbing, 1914b: 371. (*Jassa falcatus* = *Jassa alonsoae*, fide Conlan, 1990).

Monod, 1926: 61, fig. 58. (*Jassa falcata*).

Schellenberg, 1926a: 383. (*Jassa falcata*, in part; part = ?*Jassa goniamera*)

Stephensen, 1927e: 354. (*Jassa pulchella* =? *Jassa alonsoae*, fide Conlan, 1990).

Barnard K.H., 1930: 392. (*Jassa falcata* = *Ventojassa georgiana*).

Schellenberg, 1931a: 250, fig. 130. (*Jassa falcata* = *Jassa fenwicki*, in part; = *Jassa thurstoni*, in part; = *Jassa alonsoae*, in part; fide Conlan, 1990).

Barnard K.H., 1932: 241. (*Jassa falcata*, in part, part = *Ischyrocerus camptonyx*).

Nicholls, 1938: 127. (*Jassa falcata*).

? Stephensen, 1938c: 262. (questioned by J.L. Barnard, 1972c). (*Jassa pulchella*).

Barnard K.H., 1940: 519. (*Jassa falcata*).

Stephensen, 1947a: 74. (*Jassa ?wandeli*).

Stephensen, 1949: 48, fig. 20 (*Jassa pulchella*).

Sexton & Reid, 1951: 29-91, pls. 4-30. (*Jassa falcata*, in part, part = *Jassa goniamera*; *Jassa falcata* "Large polar form" = *Jassa alonsoae*, fide Conlan, 1990).

Kenny & Haysom, 1962: 252, 256, 260, tables 3, 4. (eco). (*Jassa falcata* = *Jassa justi*, fide Conlan, 1990).

Day, Field & Penrith, 1970: 54. (eco). (*Jassa falcata*).

Barnard J.L., 1972b: 27 (in key), 135. (*Jassa falcata*, in part, part= *Jassa hartmannae*, fide Conlan, 1990).

Bellan-Santini, 1972a: 191. (*Jassa falcata*).

Bellan-Santini, 1972b: 689. (*Jassa falcata*).

Arnaud, 1974: 553, 556, 559, 560, 562, 565, 592, tables 17-20. (eco). (*Jassa falcata*).

Bellan-Santini & Ledoyer, 1974: 677. (*Jassa falcata* = *Jassa alonsoae*, fide Conlan, 1990).

Thurston, 1974a: 100, fig. 39a-h. (*Jassa falcata* form 2 = *Jassa thurstoni*, fide Conlan, 1990).

Thurston, 1974b: 46. (*Jassa falcata*).

Lowry & Bullock, 1976: 73-74 ((*Jassa falcata* = several spp. of *Jassa* and ?*Jassa*; see Conlan, 1990)

Alonso, 1980: 8-9, pl. 5. (*Jassa falcata* = *Jassa alonsoae*, fide Conlan, 1990).

Bellan-Santini & Ledoyer, 1987: 393. (*Jassa falcata* = *Jassa*

alonsoae, fide Conlan, 1990).

Conlan, 1990: 2031-2072.

Barnard & Karaman, 1991: 202, 203.

Gonzalez, 1991a: 57. (*Jassa falcata* =? *Jassa alonsoae*).

Ren & Huang, 1991: 237-238, fig. 31. (*Jassa falcata*).

Distribution:

E+W+G+S+M+T(+Ba)

Adélie Coast: Cape Jules, 66°44'S 140°55'E, 15-20 m; Cape Géodésie, 115-140 m; Géologie Archipelago, 110-130 m (DBS 72a).

Auckland Islands: Carnley Harbour, Masked Island, rocky coast (KS 27e); Burdwood Bank: 137-150 m (AS 31a).

Campbell Island: Perseverance Harbour (KS 38c).

Iles Crozet: Ile de la Possession, Crique du Navire; Ile de l'Est, Anse de l'Aventure (BS&L 74).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Falkland Islands: Port Albemarle, 18-30 m; Port William, 40 m; Port Louis, 7 m (AS 31a); Port Stanley, low tide (TRS 14b).

Iles Kerguelen: *Challenger 1873-76*, sta. 149E, Greenland Harbour, 49°37'S 70°16' E, 55 m (bottom/habitat: volcanic mud; gear: dredge) (TRS 88); Passe Royale [Royal Sound]; Baie de l'Observatoire (AS 26a); Golfe du Morbihan, Pointe Molloy, 6-8 m; Port Jeanne-d'Arc, 14-17 m; Bras Laboureur, 10-35 m; Anse Joliette, 10-54 m; Ile du Chat; Fjord Bossière, 10-15 m; Port aux Français, 1-3 m; Port Bizet, low tide; Bras Baudissin, 3 m; Port Douzième, littoral; Passe Royale [Royal Sound], 29 m (BS&L 74).

Macquarie Island: Aerial Cove; North End; Garden Bay, low tide; South East Harbour (GEN 38); Buckles Bay, intertidal (K&H 62).

Magellan area: Puerto Pantalón; Bahia Ushuaia; York Bay; Canal Smith, 14 m (AS 31a); Estrecho de Magallanes (EG 91a).

Palmer Archipelago: Port Lockroy, Goudier Island, low tide-1 m (MHT 74b).

Shag Rock: 160 m (AS 31a).

South Georgia: Cumberland Bay, Jason Harbour (AS 31a); Cumberland East Bay (KHB 40).

South Orkney Islands: *Scotia 1902-04*, sta. 325, Laurie Island, Scotia Bay; sta. 326B, Macdougall Bay (CC 12a); *Discovery 1925-27*, sta. 164, East end of Normanna Strait, 24-36 m (gear: tow-net of coarse silk) (KHB 32); Signy Island, Borge Bay, littoral-20 m; Paal Harbour, 5-25 m (MHT 74a).

South Sandwich Islands: Visokoi Island, 10-17 m (KS 47a).

South Shetland Islands: Deception Island (MHT 74b); 62°15.8'S 58°45.9'W, 510 m; 62°07.5'S 57°57'W, 400 m; 61°29.4'S 57°43'W, 462 m; 62°51.6'S 58°07.5'W, 654 m; 63°30'S 62°31'W, 180 m (R&H 91).

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha 1937-38*, Tristan da Cunha: sta. 1, 4-5 m; sta. 2, 4-6 m; sta. 5, 10-12 m; sta. 12, 0 m; sta. 13e, 0 m; sta. 16, 0 m; sta. 40, 3-13 m; sta. 47, 0 m; sta. 55, 6-18 m; sta. 80, 5-12 m; Nightingale Island: sta. 110, 2-10 m; sta. 117, 5-10 m; sta. 118, 7-10 m; Inaccessible Island: sta. 140, 10 m; sta. 142, 4-10 m; sta. 145c, 145e, 0 m; sta. 146, 0 m; sta. 150, 9 m; sta. 151, 5 m; sta. 153, 7-8 m; sta.

155, 8-9 m; sta. 156, 5-8 m; sta. 160, 0 m; sta. 160b, 160c, 160f, 160g, 0 m (KS 49).

Trinity Peninsula: Hope Bay, 37-55 m, Grunden Rock, littoral (MHT 74b).

Weddell Sea: *Scotia 1902-04*, sta. 414, 71°50'S 23°30'W, 0-1828 m (gear: vertical net) (CC 12a).

Wilhelm Archipelago: Petermann Island, Port Circumcision, 6 m; Booth Island (EC 13c); Argentine Islands, Shelter Islands, littoral (MHT 74b).

Depth range: 0-654 m (0-1828 m).

Remarks: According to Conlan (1990), *Jassa falcata* is a northern hemisphere species and all the Southern Ocean records of *J. falcata* belong to other species. Conlan (1990) partly revised this Southern Ocean material and described 5 new austral species, but part of the Antarctic and sub-Antarctic *J. falcata* material still requires clarification. To facilitate further revisions, the Southern Ocean records are cited above with their distribution.

Jassa sp. 1 Stephensen, 1927e

Stephensen, 1927e: 354.

Lowry & Bullock, 1976: 76.

De Broyer & Jazdzewski, 1993: 60.

Distribution:

S

Auckland Islands: Carnley Harbour, low tide (KS 27e).

Campbell Island: Perseverance Harbour, low tide (KS 27e).

Depth range: 0 m.

Jassa sp. 2 Stephensen, 1947a

Stephensen, 1947a: 75.

Lowry & Bullock, 1976: 76.

De Broyer & Jazdzewski, 1993: 61.

Distribution:

W+S

Iles Kerguelen: no loc. (KS 47a).

Palmer Archipelago: Port Lockroy, 90 m (KS 47a).

South Shetland Islands: Deception Island, 25 m (KS 47a).

Depth range: 25-90 m.

Parajassa tristanensis (Stebbing, 1888)

Stebbing, 1888: 1141, pl. 121. (*Podocerus tristanensis*).

Della Valle, 1893: 450 pl. 57: fig. 20. (*Ischyrocerus tristanensis*).

Stebbing, 1899a: 240.

Stebbing, 1906: 650.

Barnard K.H., 1932: 243.

Stephensen, 1949: 46, fig. 19.

Barnard J.L., 1958e: 85.

Kenny & Haysom, 1962: 256, 260, table 4 (eco).

Lowry & Bullock, 1976: 76.

Barnard & Karaman, 1991: 220.

De Broyer & Jazdzewski, 1993: 61.

Distribution:

S+

Macquarie Island: (K&H 62).

Tristan da Cunha: Tristan da Cunha, *Challenger 1873-76*, sta. 135C, off Nightingale Island, 37°25'30"S 12°28'30" W, 201 m (gear: dredge) (TRS 88); *Norw. Sci. Exp. Tristan da Cunha 1937-38*, sta. 68, Tristan da Cunha Island, 0 m; Nightingale Island: sta. 88, 20-40 m; sta. 111, 40-60 m; sta. 115, 35-55 m; Inaccessible Island: sta. 141, 30-40 m; sta. 143, 0 m; sta. 145, 0 m; sta. 149, 50-60 m (KS 49).

Depth range: 0-201 m.

Type-locality: Tristan da Cunha, *Challenger 1873-76*, sta. 135C, off Nightingale Island, 37°25'30"S 12°28'30" W, 201 m (gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Pseudischyrocerus crenatipes* Bellan-Santini & Ledoyer, 1987**

Bellan-Santini & Ledoyer, 1987: 396-399, figs. 17-18.

Barnard & Karaman, 1991: 229.

Branch *et al.*, 1991: 17, 40, fig. on p.17.

De Broyer & Jazdzewski, 1993: 61.

Distribution:

S(Ba)

Prince Edward Islands: *Marion Dufresne 08*, sta. 36 CP 173, 46°40.7'S 38°06.7'E, 315-570 m (BS&L 87); no loc., 527 m (MLB *et al.* 91).

Depth range: 315-570 m.

Type-locality: Prince Edward Islands: *Marion Dufresne 08*, sta. 36 CP 173, 46°40.7'S 38°06.7'E, 315-570 m (BS&L 87).

Type specimen location: MCSN, Verona.

***Pseudischyrocerus denticauda* Schellenberg, 1931a**

Schellenberg, 1931a: 254, fig. 132.

Barnard J.L., 1958e: 5.

Lowry & Bullock, 1976: 76.

Barnard & Karaman, 1991: 229.

De Broyer & Jazdzewski, 1993: 61.

Distribution:

M

Falkland Islands: Port Louis, 7 m (bottom/habitat: mud) (AS 31a).

Magellan area: Isla Nueva, 5 m (bottom/habitat: shells); 'Marta Banco', 180 m (bottom/habitat: small stones, gravel) (AS 31a).

Depth range: 5-180 m.

Type-locality: Falkland Islands: Port Louis, 7 m (bottom/habitat: mud) (AS 31a).

Magellan area: Isla Nueva, 5 m (bottom/habitat: shells); 'Marta Banco', 180 m (bottom/habitat: small stones, gravel) (AS 31a).

Type specimen location: NRS, Stockholm.

***Pseudischyrocerus distichon* (K.H. Barnard, 1930)**

Barnard K.H., 1930: 391, fig. 50. (*Eurystheus distichon*).

Schellenberg, 1931a: 255, fig. 133.

Barnard K.H., 1932: 227, fig. 141. (*Eurystheus distichon*).

Nicholls, 1938: 128, fig. 66.

Stephensen, 1947a: 68, fig. 22. (*Eurystheus distichon*).

Barnard J.L., 1958e: 85. ("dubious species").

Lowry & Bullock, 1976: 76-77.

Bellan-Santini & Ledoyer, 1987: 399, fig. 18.

Wakabara *et al.*, 1990: 4, 6.

Barnard & Karaman, 1991: 229.

Branch *et al.*, 1991: 17, 40, fig. on p.17.

De Broyer & Jazdzewski, 1993: 61.

Distribution:

E+W+G+S(+Ba)

Adélie Coast: Commonwealth Bay, Boat Harbour, 67°S 142°36'E, 45-108 m (GEN 38).

Bouvet Island: Cape Lollo (KS 47a).

Prince Edward Islands: *Marion Dufresne 08*, sta. 25 CP 134, 46°45.3'S 37°56.6'E, 185-232 m (BS&L 87); 474-693 m (MLB *et al.* 91).

Ross Sea: *Terra Nova 1910*, sta. 220, off Cape Adare, 82-92 m (KHB 32).

Shag Rocks: 160 m (bottom/habitat: sand, gravel) (AS 31a); *Discovery 1925-27*, sta. 160, 53°43'S 40°57'W. 177 m (bottom/habitat: grey mud; stones, rock; gear: large heavy dredge) (KHB 32).

South Georgia: Maiviken, 75 m (bottom/habitat: clay, algae); mouth of Cumberland Bay, 252-310 m (bottom/habitat: greyish clay, stones) (AS 31a), *Discovery 1925-27*, sta. 42, off mouth of Cumberland Bay 120-204 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl); sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: nets, tow-net of coarse silk); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk); sta. 159, 53°52'S 36°08'W, 160 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Trinity Peninsula: Cape Roquemaurel (AS 31a).

South Shetland Islands: King George Island, Admiralty Bay (YW *et al.* 90).

Depth range: 45-693 m.

Type-locality: Ross Sea: *Terra Nova 1910*, sta. 220, off Cape Adare, 82-92 m (KHB 30).

Type specimen location: NHM, London.

***Ventojassa georgiana* (Schellenberg, 1931a)**

Schellenberg, 1931a: 247, fig. 128. (*Parajassa georgiana*).

Walker, 1903a: 61, pl. 11: figs. 98-106a. (*Jassa goniamera*, in part).

Barnard K.H., 1930: 392. (*Jassa falcata*).

Barnard K.H., 1932: 243, fig. 152. (*Parajassa georgiana*).

Barnard J.L., 1958: 85. (*Parajassa georgiana*).

Barnard J.L., 1969a: 160. (*Parajassa georgiana*).

Barnard J.L., 1973b: 26.
 Thurston, 1974a: 103. (*Parajassa georgiana*).
 Lowry & Bullock, 1976: 77.
 Bellan-Santini & Ledoyer, 1987: 393-394, fig. 15b. (?*Parajassa georgiana*).
 Barnard & Karaman, 1991: 240.
 Branch *et al.*, 1991: 17, 40, fig. on p.17.
 Gonzalez, 1991a: 58.
 Rauschert, 1991: 37.
 De Broyer & Jazdzewski, 1993: 61.
 De Broyer & Rauschert, 1999: 285, table 1.
 Chiesa *et al.*, 2005: 170.

Distribution: E+W+G+S+M

Magellan area: Bahia Ushuaia, low tide (AS 31a); Estrecho de Magallanes (EG 91a); southern Tierra del Fuego, Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 17 BB 97, 46°52.5'S 37°53.5'E, 110 m (bottom/habitat: muddy sand); sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 22 BB 125, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand); sta. 35 DC 170, 46°39.7'S 38°00.3'E, 53 m (bottom/habitat: gravel, boulders) (BS&L 87).

Ross Sea: Cape Adare, 47 m (AOW 03a); off Cape Adare, 82-92 m (KHB 32).

South Georgia: Cumberland Bay, 1-2 m (bottom/habitat: among algae); off Grytviken, 5 m (bottom/habitat: stones) (AS 31a); *Discovery 1925-27*, sta. MS 10, Cumberland East Bay, 18-26 m (gear: small beam trawl) (KHB 32).

South Orkney Islands: Signy Island, Borge Bay, 2-10 m; Paal Harbour, 5-15 m (MHT 74a).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 1-138 m.

Type-locality: Magellan area: Bahia Ushuaia, low tide (AS 31a).

South Georgia: Cumberland Bay, 1-2 m (bottom/habitat: among algae); off Grytviken, 5 m (bottom/habitat: stones) (AS 31a).

Type specimen location: NRS, Stockholm.

Tribe Siphonoecetini Just, 1983

Notopoma argentina Alonso de Pina, 2005

Alonso de Pina, 2005: 528-536, fig. 1-6.
 Non Say, 1818. (*Cerapus tubularis*).
 Alonso, 1980: 7, 8, pl. IV, fig. 1-14. (*Cerapus tubularis*).
 Lopez Gappa *et al.*, 1982: 76, table 1.
 Barnard & Karaman, 1991: 179. (*Cerapus* sp.).
 De Broyer & Jazdzewski, 1993: 59. (*Cerapus* sp.).
 Lowry & Berents, 1996: 82. (*Notopoma* sp.)

Distribution: M

Magellan area: Ria Deseado, 47°45'S 65°54'W (JLG *et*

al. 82); Santa Cruz, Ria Deseado, Peninsula Foca, 47°45'S 65°55'W, subtidal (bottom/habitat: sand, pebble) (GMA 05).

Depth range: 0 m.

Type-locality: Santa Cruz, Ria Deseado, Peninsula Foca, 47°45'S 65°55'W, subtidal (bottom/habitat: sand, pebble) (GMA 05).

Type specimen location: MACN, Buenos Aires.

Notopoma cidaridis Berge, Vader & Lockhart, 2004

Berge, Vader & Lockhart, 2004: 1717-1713, figs. 5-6.

Distribution: W

South Shetland Islands: north of Elephant Island, 60°58.08'S 55°6.58'W, 308-399 m (gear: bottom trawl) (JB *et al.* 04).

Depth range: 308-399 m.

Type-locality: South Shetland Islands: north of Elephant Island, 60°58.08'S 55°6.58'W, 308-399 m (gear: bottom trawl) (JB *et al.* 04).

Type specimen location: TM, Tromsø ?

Notopoma opposita (K.H. Barnard, 1932)

Barnard K.H., 1932: 245, fig. 153. (*Cerapus oppositus*).

Barnard J.L., 1958e: 35. (*Cerapus oppositus*).

Barnard J.L., 1962a: 61, (in key). (*Cerapus oppositus*).

Lowry & Bullock, 1976: 72. (*Cerapus oppositus*).

Lowry, 1981b: 198-204, figs. 10-14. (*Cerapus oppositus*).

Bellan-Santini & Ledoyer, 1987: 389-390, fig. 14. (*Cerapus oppositus*).

Barnard & Karaman, 1991: 179. (*Cerapus oppositus*).

Branch *et al.*, 1991: 17, fig. on p.17. (*Cerapus oppositus*).

De Broyer & Jazdzewski, 1993: 59. (*Cerapus oppositus*).

Lowry & Berents, 1996: 85.

Distribution: W+G+S+

Macquarie Island: Aerial Cove, 4-6 m (bottom/habitat: living on tunicates, sponges and red algae on sheltered rock walls); Anchor Rock, 20 m (bottom/habitat: among tunicates, sponges and hydroids in an exposed environment); Gorilla Head Rock, 9-12 m (bottom/habitat: living on sponges, hydroids, bryozoans and tunicates in an exposed environment); Goat Bay, 14 m (bottom/habitat: living on hydroids and sponges in sheltered rock crevices); Caroline Cove, 8-180m (bottom/habitat: living among green algae, red algae, brown algae and tunicates in dense *Macrocystis pyrifera* bed); *Eltanin 16*, sta. 1417, 54°30'34'S 158°59'E, 79-93 m; *Eltanin 27*, sta. 1974, 112-124 m (JKL 81b).

Prince Edward Islands: *Marion Dufresne 08*, sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 19 BB 111, 46°46.2'S 38°03.2'E, 190 m (bottom/habitat: mud); sta. 22 BB 125, 46°52.4'S 37°51.9'E, 30 m (bottom/habitat: sand) (BS&L 87).

Palmer Archipelago: *Discovery 1925-27*, sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stone, mud, rock; gear: large heavy dredge, large rectangular net) (KHB 32).

The Snares: intertidal to 4 m (JKL 81b).

South Georgia: *Discovery 1925-27*, sta. MS 171, Cumberland East Bay, 60-110 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32).

Depth range: 0-190 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. MS 171, Cumberland East Bay, 60-110 m (gear: small beam trawl, tow-net of coarse silk) (KHB 32).

Extralimital distribution: New Zealand.

Extralimital depth range:

Type specimen location: NHM, London.

***Notopoma sismithi* (Stebbing, 1888)**

Stebbing, 1888: 1158, pl. 124. (*Cerapus sismithi*).

Della Valle, 1893: 379, pl. 55: figs. 53-57. (*Cerapus sismithi*).

Sars G.O., 1894: 607. (*Cerapus sismithi*).

Stebbing, 1906: 666, figs. 112-114. (*Cerapus sismithi*).

Barnard J.L., 1958e: 35. (*Cerapus sismithi*).

Barnard J.L., 1962a: 61, (in key). (*Cerapus sismithi*).

Mills, 1972a: 74, table 1. (*Cerapus sismithi*).

Lowry & Bullock, 1976: 72. (*Cerapus sismithi*).

Lowry, 1981b: 204-209, figs. 15-17. (*Cerapus sismithi*).

Barnard & Karaman, 1991: 179. (*Cerapus sismithi*).

De Broyer & Jazdzewski, 1993: 59. (*Cerapus sismithi*).

Lowry & Berents, 1996: 85.

Distribution:

S

Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 219 m (bottom/habitat: volcanic mud; gear: dredge) (TRS 88).

Macquarie Island: *Eltanin 27*, sta. 1974, 54°32'S 158°59'E, 112-124 m (JKL 81b).

Depth range: 112-219 m.

Type-locality: Iles Kerguelen: *Challenger 1873-76*, sta. 149H, off Baie de Recques [Cumberland Bay], 48°45'S 69°14'E, 219 m (bottom/habitat: volcanic mud; gear: dredge) (TRS 88).

Type specimen location: NHM, London.

***Pseuderichthionius gaussi* Schellenberg, 1926a**

Schellenberg, 1926a: 385, fig. 66.

Barnard K.H., 1932: 245. (*Pseuderichthionius gaussi*).

Barnard J.L., 1958e: 37.

Lowry & Bullock, 1976: 76.

Bellan-Santini & Ledoyer, 1987: 394-396, fig. 16.

Barnard & Karaman, 1991: 228, 229.

Branch *et al.*, 1991: 17, fig. on p.17.

De Broyer & Jazdzewski, 1993: 61.

Gutt *et al.*, 2000: 80-84.

Distribution:

E+W+S

Bransfield Strait: *Discovery 1925-27*, sta. 175, 63°17'S 59°48'W, 200 m (bottom/habitat: mud, stones, gravel; gear: large heavy dredge) (KHB 32).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Prince Edward Islands: *Marion Dufresne 08*, sta. 12 BB 79, 46°55.7'S 37°54.1'E, 95 m (bottom/habitat: muddy sand); sta. 18 BB 108, 46°49.8'S 37°56.4'E, 138 m; sta. 28 DC 143, 46°43.5'S 37°57.2'E, 246-285 m (bottom/habitat: fine gravel) (BS&L 87).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, off Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Weddell Sea: *Polarstern ANT XIII/3 (EASIZ I)*, sta. 05 EBS 01, Kapp Norvegia, 71°40.49'S 12°41.70'W, 254 m (gear: epibenthic sledge); sta. 06 AGT 01, Kapp Norvegia, 71°31.80'S 13°34.50'W, 254 m (gear: Agassiz trawl); sta. 25 DR 19, Kapp Norvegia, 71°22.90'S 14°19.20'W, 622 m (gear: small dredge) (JG *et al.* 00).

Depth range: 95-622 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Type specimen location: ZMB, Berlin.

***Pseuderichthionius hesperidesi* Rauschert, 1997**

Rauschert, 1997: 27-34, figs. 1-3.

Distribution:

W

South Shetland Islands: *Hesperides Bentart 94*, sta. 52, Livingston Island, 62.4354°S 60.2709°W, 56 m (gear: stone dredge) (MR 97).

Depth range: 56 m.

Type-locality: South Shetland Islands: *Hesperides Bentart 94*, sta. 52, Livingston Island, 62.4354°S 60.2709°W, 56 m (gear: stone dredge) (MR 97).

Type specimen location: ZMB, Berlin.

***Pseuderichthionius inflatus* Ren, 1991**

Ren, 1991 in Ren & Huang, 1991: 205-207, 299-300, fig. 12.

De Broyer & Jazdzewski, 1993: 61.

Distribution:

W

Bransfield Strait: 62°33.1'S 56°28.6'W, 278 m (bottom/habitat: sand, rock) (R&H 91).

Depth range: 278 m.

Type-locality: Bransfield Strait: 62°33.1'S 56°28.6'W, 278 m (bottom/habitat: sand, rock) (R&H 91).

Type specimen location: IOQ, Qingdao.

Family PHOTIDAE Boeck, 1871b

***Gammaropsis (Gammaropsis) bennetti* Thurston, 1974b**

Thurston, 1974b: 44, figs. 13,14, (in key). (*Gammaropsis bennetti*).

Lowry & Bullock, 1976: 27.

Barnard & Karaman, 1991: 191.

De Broyer & Jazdzewski, 1993: 28.

Distribution: **W**
South Shetland Islands: Deception Island (MHT 74b).

Type-locality: South Shetland Islands: Deception Island (MHT 74b).

Depth range:

Type specimen location: NHM, London.

***Gammaropsis (Gammaropsis) ctenura* (Schellenberg, 1931a)**

Schellenberg, 1931a: 240, fig. 123. (*Eurystheus ctenurus*).
 Barnard J.L., 1958e: 112. (*Eurystheus ctenurus*).
 Barnard J.L., 1962a: 14, 15. (*Megamphopus (Megamphopus) ctenurus*).
 Barnard J.L., 1964b: 238 (in key). (*Megamphopus ctenurus*).
 Barnard J.L., 1973b: 17. (*Gammaropsis ctenurus*).
 Thurston, 1974b: 41. (*Megamphopus ctenurus*).
 Lowry & Bullock, 1976: 27-28.
 Barnard & Karaman, 1991: 191.
 De Broyer & Jazdzewski, 1993: 28.

Distribution: **M**

Magellan area: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

Depth range: 197 m.

Type-locality: Magellan area: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a).

Type specimen location: NRS, Stockholm.

***Gammaropsis (Gammaropsis) deseadensis* Alonso, 1981**

Alonso, 1981: 185-189, figs. 1-28.
 Lopez Gappa *et al.*, 1982: 76, table 1.
 Barnard & Karaman, 1991: 191.
 De Broyer & Jazdzewski, 1993: 28.
 Chiesa *et al.*, 2005: 170.

Distribution: **M**

Magellan area: Santa Cruz, Ria Deseado (GMA 81); Ria Deseado, 47°45'S 65°54'W (JLG *et al.* 82); southern Tierra del Fuego, Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Depth range: 15-35 m.

Type-locality: Magellan area: Santa Cruz, Ria Deseado (GMA 81).

Type specimen location: CIBIMA, Puerto Deseado.

***Gammaropsis (Gammaropsis) exsertipes* Stebbing, 1888**

Stebbing, 1888: 1093, pl. 112. (*Gammaropsis exsertipes*).

Della Valle, 1893: 440, pl. 57: fig. 12. (*Protomedeia exsertipes*).

Stebbing, 1906: 614, fig. 107. (*Eurystheus exsertipes*).

Barnard J.L., 1958e: 112. (*Eurystheus exsertipes*).

Barnard J.L., 1962a: 14. (by implication). (*Eurystheus (Eurystheus) exsertipes*).

Barnard J.L., 1969c: 271. (by implication).

Thurston, 1974b: 43, (in key). (*Gammaropsis exsertipes*).

Lowry & Bullock, 1976: 28-29.

Barnard & Karaman, 1991: 191.

De Broyer & Jazdzewski, 1993: 28.

Distribution: **S**

Iles Kerguelen: *Challenger 1873-76*, no loc. (TRS 88).

Depth range:

Type-locality: Iles Kerguelen: *Challenger 1873-76*, no loc. (TRS 88).

Type specimen location: NHM, London.

***Gammaropsis (Gammaropsis) georgiana* (Schellenberg, 1931a)**

Schellenberg, 1931a: 236, fig. 120. (*Eurystheus georgianus*).
 Barnard J.L., 1958e: 112. (*Eurystheus georgianus*).
 Barnard J.L., 1962a: 14, 15. (*Megamphopus (Megamphopus) georgianus*).
 Barnard J.L., 1964b: 238 (in key). (*Megamphopus georgianus*).
 Barnard J.L., 1973b: 17. (*Gammaropsis georgianus*).
 Thurston, 1974b: 41. (*Megamphopus georgianus*).
 Lowry & Bullock, 1976: 29.
 Wakabara *et al.*, 1990: 2, 4, 6.
 Barnard & Karaman, 1991: 191.
 ? Rauschert, 1991: 36.
 De Broyer & Jazdzewski, 1993: 28.

Distribution: **W+G**

Bransfield Strait: 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90).

South Georgia: mouth of Cumberland Bay, 252-310 m (bottom/habitat: greyish clay, some stones) (AS 31a).

South Shetland Island: King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 88-310 m.

Type-locality: South Georgia: mouth of Cumberland Bay, 252-310 m (bottom/habitat: greyish clay, some stones) (AS 31a).

Type specimen location: NRS, Stockholm.

***Gammaropsis (Gammaropsis) kergueleni* (Schellenberg, 1926a)**

Schellenberg, 1926a: 379, fig. 63. (*Eurystheus kergueleni*).

Schellenberg, 1926c: 231. (*Eurystheus kergueleni*).

Barnard J.L., 1958e: 112. (*Eurystheus kergueleni*).

Barnard J.L., 1962a: 14, 15. (*Megamphopus (Megamphopus) kergueleni*).

Barnard J.L., 1964b: 238 (in key). (*Megamphopus kergueleni*).
 Barnard J.L., 1973b: 17. (*Gammaropsis kergueleni*).
 Arnaud, 1974: 553, 556, tables 17, 18. (eco). (*Gammaropsis kergueleni*).
 Bellan-Santini & Ledoyer, 1974: 674, pl. 20b. (*Gammaropsis kergueleni*).
 Thurston, 1974b: 41. (*Eurystheus kergueleni*).
 Lowry & Bullock, 1976: 29.
 Barnard & Karaman, 1991: 191.
 De Broyer & Jazdzewski, 1993: 28.

Distribution:**S**

Iles Kerguelen: Gazelle Harbour, 5-10 m; Baie de l'Observatoire (AS 26a); Golfe du Morbihan, 15 m, Beniguet Reef, 35 m; Fjord Bossière, 5 m; Port Jeanne-d'Arc, 14-17 m; Bras Laboureur, 10-35 m; Anse Joliette, 10-54 m; Ile du Chat (BS&L 74).

Depth range: 5-54 m.

Type-locality: Iles Kerguelen: Gazelle Harbour, 5-10 m; Baie de l'Observatoire (AS 26a).

Type specimen location: ZMB, Berlin.

***Gammaropsis (Gammaropsis) longicornis* Walker, 1906c**

Walker, 1906c: 153. (*Gammaropsis longicornis*).
 Walker, 1907: 35, pl. 12: fig. 21. (*Eurystheus longicornis*).
 Schellenberg, 1926a: 376, fig. 61. (*Eurystheus parvus*).
 Schellenberg, 1926a: 381, fig. 64. (*Eurystheus trigonurus*).
 Schellenberg, 1931a: 245. (*Eurystheus longicornis*).
 Barnard J.L., 1958e: 112. (*Eurystheus longicornis*).
 Barnard J.L., 1962a: 14, 15b. (*Megamphopus (Megamphopus) longicornis*).
 Barnard J.L., 1964b: 238 (in key). (*Megamphopus longicornis*).
 Barnard J.L., 1973b: 17. (eco). (*Gammaropsis longicornis*).
 Arnaud, 1974: 553, table 17. (eco). (*Gammaropsis longicornis*).
 Bellan-Santini & Ledoyer, 1974: 677, pl. 20c. (*Gammaropsis longicornis*).
 Thurston, 1974a: 92. (*Megamphopus longicornis*).
 Thurston, 1974b: 41. (*Megamphopus longicornis*).
 Lowry & Bullock, 1976: 29.
 Wakabara *et al.*, 1990: 4-6.
 Barnard & Karaman, 1991: 191, 192.
 Gonzalez, 1991a: 52.
 Rauschert, 1991: 36.
 Jazdzewski *et al.*, 1992: 464, 469.
 De Broyer & Jazdzewski, 1993: 28.
 Jazdzewski *et al.*, 1996: 369.

Distribution:**E+W+G+S+M**

Bransfield Strait: 62°58'07"S 57°08'01"W, 88 m (YW *et al.* 90).

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Iles Kerguelen: Baie de l'Observatoire (AS 26a); Golfe du Morbihan, 15 m; Bras Laboureur, 61 m; Beniguet Reef, 35 m; Anse Joliette, 10-54 m (BS&L 74).

Ross Sea: Winter Quarters Bay, 18 m (AOW 07).

South Georgia: mouth of Cumberland Bay, 252-310 m (bottom/habitat: greyish clay, stones) (AS 31a).

South Orkney Islands: Signy Island, Borge Bay, 2-9 m (MHT 74a).

South Shetland Islands: 52°29'S 60°36'W, 197 m (bottom/habitat: sand, gravel) (AS 31a); King George Island, Admiralty Bay, 60 m (gear: Van Veen grab) (KJ *et al.* 92).

Depth range: 2-385 m.

Type-locality: Ross Sea: Winter Quarters Bay, 18 m (AOW 06c).

Type specimen location: NHM, London.

***Gammaropsis (Gammaropsis) longitarsus* (Schellenberg, 1931a)**

Schellenberg, 1931a: 242, fig. 124. (*Eurystheus longitarsus*).
 Barnard J.L., 1958e: 112. (*Eurystheus longitarsus*).
 Barnard J.L., 1962a: 14. (by implication). (*Eurystheus (Eurystheus) longitarsus*).
 Barnard J.L., 1969c: 271. (by implication).
 Thurston, 1974b: 44 (in key). (*Gammaropsis longitarsus*).
 Lowry & Bullock, 1976: 29-30.
 Bellan-Santini & Ledoyer, 1987: 362-364, fig. 2.
 Barnard & Karaman, 1991: 191.
 Branch *et al.*, 1991: 18, 40, fig. on p.18.
 Gonzalez, 1991a: 52.
 De Broyer & Jazdzewski, 1993: 28.
 Chiesa *et al.*, 2005: 170.

Distribution:**S+M**

Falkland Islands: Port William, 22 m (bottom/habitat: sand); Port Louis, Greenpatch (bottom/habitat: stones, algae); Port Stanley, 2 m (bottom/habitat: kelp holdfasts) (AS 31a).

Magellan area: mouth of Canal Beagle, 100 m (bottom/habitat: shells); Isla Picton, 7 m (AS 31a); southern Tierra del Fuego, Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Prince Edward Islands: *Marion Dufresne 08*, sta. 35 DC 170, 46°39.7'S 38°00'3"E, 53 m (bottom/habitat: gravel, boulders) (BS&L 87).

Depth range: 2-100 m.

Type-locality: Falkland Islands: Port William, 22 m (bottom/habitat: sand); Port Louis, Greenpatch (bottom/habitat: stones, algae); Port Stanley, 2 m (bottom/habitat: kelp holdfasts); Magellan area: mouth of Canal Beagle, 100 m (bottom/habitat: shells); Isla Picton, 7 m (AS 31a).

Type specimen location: NRS, Stockholm; ZMH, Hamburg.

***Gammaropsis (Gammaropsis) monodi* (Schellenberg, 1931a)**

Schellenberg, 1931a: 238, fig. 121. (*Eurystheus monodi*).

Monod, 1926: 60, fig. 57. (*Eurystheus sp.*).

Barnard K.H., 1932: 231, fig. 145. (*Eurystheus eurypodii*).

Ruffo, 1949: 56. (*Eurystheus monodi*).

Barnard J.L., 1958e: 112. (*Eurystheus monodi*).
 Barnard J.L., 1962a: 14. (by implication). (*Eurystheus (Eurystheus) monodi*).
 Barnard J.L., 1969c: 271. (by implication).
 Thurston, 1974b: 43, (in key). (*Gammaropsis monodi*).
 Lowry & Bullock, 1976: 30.
 Barnard & Karaman, 1991: 191.
 Gonzalez, 1991a: 52.
 De Broyer & Jazdzewski, 1993: 29.
 De Broyer & Rauschert, 1999: 283, table 1.
 Vader & Krapp, 2005: 3082-3086, figs. 4-6.

Distribution:**M+**

Falkland Islands: Berkeley Sound, 16 m (bottom/habitat: gravel, sand, algae); Port William, 22 m (bottom/habitat: sand); Port William, 12 m (bottom/habitat: rocks); Port Albemarle, 40 m (bottom/habitat: sand, algae) (AS 31a); *Discovery 1925-27*, sta. 55, East Falkland Island, entrance to Port Stanley, 10-16 m (gear: small beam trawl) (KHB 32); East Falkland, Choiseul Sound, 58-59°S 52°W, 30 m, found on *Paralomis granulosa* and *Eurypodius latreillei* (gear: baited trap); Lively Sound (gear: crab bins) (V&K 05).

Magellan area: Bahia Ushuaia, 0 m; Banco Sarmiento, 52°24'S 68°09'W, 45 m (bottom/habitat: among sponges and bryozoa) (AS 31a); *Belgica 1897-99*, Canal Beagle, Puerto Harberton (SR 49).

Depth range: 0-45 m.

Type-locality: Falkland Islands: Berkeley Sound, 16 m (bottom/habitat: gravel, sand, algae); Port William, 22 m (bottom/habitat: sand); Port William, 12 m (bottom/habitat: rocks); Port Albemarle, 40 m (bottom/habitat: sand, algae); Magellan area: Bahia Ushuaia, 0 m; Banco Sarmiento, 52°24'S 68°09'W, 45 m (bottom/habitat: among sponges and bryozoa) (AS 31a).

Extralimital distribution: Argentina.

Extralimital depth range:

Type specimen location: NRS, Stockholm; ZMH, Hamburg.

***Gammaropsis (Gammaropsis) purpurescens* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 226, fig. 140. (*Eurystheus purpurescens*).
 Barnard J.L., 1958e: 113. (*Eurystheus purpurescens*).
 Barnard J.L., 1962a: 14. (by implication). (*Eurystheus (Eurystheus) purpurescens*).
 Barnard J.L., 1969c: 271. (by implication).
 Thurston, 1974b: 43 (in key). (*Gammaropsis purpurescens*).
 Lowry & Bullock, 1976: 30.
 Barnard & Karaman, 1991: 192.
 De Broyer & Jazdzewski, 1993: 29.

Distribution:**W+G**

Palmer Archipelago: *Discovery 1925-27*, sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stone, mud, rock; gear: large heavy dredge, large rectangular net) (KHB 32).

South Georgia: *Discovery 1925-27*, sta. 39, Cumberland East Bay, 179-235 m (bottom/habitat: grey mud; gear: large otter trawl) (KHB 32).

South Orkney Islands: *Discovery 1925-27*, sta. 167, off Signy Island, 244-344 m (bottom/habitat: green mud; gear: nets) (KHB 32).

Depth range: 90-344 m.

Type-locality: Palmer Archipelago: *Discovery 1925-27*, sta. 190, Bismarck Strait, 90-130 m (bottom/habitat: stone, mud, rock; gear: large heavy dredge, large rectangular net) (KHB 32).

Type specimen location: NHM, London.

***Gammaropsis (Gammaropsis) remipes* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 229, fig. 143. (*Eurystheus remipes*).
 Chilton, 1912a: 510, pl. 2: figs. 30-34. (*Eurystheus afer*).
 Barnard J.L., 1958e: 113. (*Eurystheus remipes*).
 Barnard J.L., 1962a: 14. (by implication). (*Eurystheus (Eurystheus) remipes*).
 Barnard K.H., 1965: 208. (*Eurystheus remipes*).
 Barnard J.L., 1969c: 271. (by implication).
 Thurston, 1974b: 42 (in key). (*Gammaropsis remipes*).
 Lowry & Bullock, 1976: 30.
 Barnard & Karaman, 1991: 192.
 De Broyer & Jazdzewski, 1993: 29.

Distribution:**M+T**

Falkland Islands: *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large otter trawl, large heavy dredge, nets) (KHB 32).

Gough Island: 40°21'S 09°55'W, 183 m (gear: trawl) (KHB 65).

Depth range: 105-183 m.

Type-locality: Falkland Islands: *Discovery 1925-27*, sta. 51, East Falkland Island, off Eddystone Rock, 105-115 m (bottom/habitat: fine sand; gear: large otter trawl, large heavy dredge, nets) (KHB 32).

Type specimen location: NHM, London.

***Gammaropsis (Gammaropsis) serricra* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 228, fig. 142. (*Eurystheus serricrus*).
 Barnard J.L., 1958e: 113. (*Eurystheus serricrus*).
 Barnard J.L., 1962a: 14. (by implication). (*Eurystheus (Eurystheus) serricrus*).
 Barnard J.L., 1969c: 271. (by implication).
 Thurston, 1974b: 44 (in key). (*Gammaropsis serricrus*).
 Lowry & Bullock, 1976: 30-31.
 Wakabara *et al.*, 1990: 4, 6.
 Barnard & Karaman, 1991: 192.
 Ren & Huang, 1991: 230, fig. 27.
 De Broyer & Jazdzewski, 1993: 29.

Distribution:**W+G(+Ba)**

Bransfield Strait: 62°33'24"S 54°17'51"W, 320 m (YW *et*

al. 90); 62°17.3'S 55°06.2'W, 528 m; 62°51.6'S 58°07.5'W, 654 m; 62°51.6'S 61°06'W, 302 m; 63°30'S 62°31'W, 180 m (R&H 91).

South Georgia: *Discovery 1925-27*, sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: large otter trawl, nets); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets) (KHB 32).

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Depth range: 122-654 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets); South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.

***Gammaropsis (Gammaropsis) triodon* (Schellenberg, 1926a)**

Schellenberg, 1926a: 377, fig. 62. (*Eurystheus triodon*).

Schellenberg, 1931a: 244, fig. 126. (*Eurystheus triodon*).

Barnard J.L., 1958e: 113. (*Eurystheus triodon*).

Barnard J.L., 1962a: 14. (by implication). (*Eurystheus (Eurystheus) triodon*).

Barnard J.L., 1969c: 271. (by implication).

Thurston, 1974b: 44 (in key). (*Gammaropsis triodon*).

Lowry & Bullock, 1976: 31.

Barnard & Karaman, 1991: 192.

De Broyer & Jazdzewski, 1993: 29.

Distribution:

E+W+G

Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Shag Rocks: 160 m (bottom/habitat: gravel, sand) (AS 31a).

South Georgia: mouth of Cumberland Bay, 252-310 m (bottom/habitat: greyish clay, stones); off Grytviken, 22 m (bottom/habitat: clay, algae) (AS 31a).

South Shetland Islands: 62°55'S 55°27'W, 104 m (bottom/habitat: clay, gravel, stones) (AS 31a).

Depth range: 22-385 m.

Type-locality: Davis Sea: 'Gauss Station', 66°02'S 89°38'E, 385 m (AS 26a).

Extralimital distribution: Argentina.

Extralimital depth range:

Type specimen location: ZMB, Berlin.

***Gammaropsis (Gammaropsis) valdiviae* (Schellenberg, 1926c)**

Schellenberg, 1926c: 232, fig. 20. (*Eurystheus valdiviae*).

Barnard J.L., 1958e: 113. (*Eurystheus valdiviae*).

Barnard J.L., 1962a: 14. (by implication). (*Eurystheus*

(*Eurystheus) valdiviae*).

Barnard J.L., 1969c: 271. (by implication).

Thurston, 1974b: 43 (in key). (*Gammaropsis valdiviae*).

Lowry & Bullock, 1976: 31.

Barnard & Karaman, 1991: 192.

De Broyer & Jazdzewski, 1993: 29.

Distribution:

S

Iles Kerguelen: Gazelle Harbour, 5-10 m (AS 26c).

Depth range: 5-10 m.

Type-locality: Iles Kerguelen: Gazelle Harbour, 5-10 m (AS 26c).

Type specimen location: ZMB, Berlin.

***Gammaropsis (Paranaenia) dentifera* (Haswell, 1879b)**

Haswell, 1879b: 332, pl. 20: fig. 4. (*Moera dentifera*).

Chilton, 1884a: 259, pl. 19: fig. 1a-h. (*Paranaenia typica*).

Chilton, 1884a: 260, pl. 21: fig. 2a-c. (*Paranaenia dentifera*).

Della Valle, 1893: 441. (*Paranaenia dentifera*, in part).

Stebbing, 1899b: 350. (*Gammaropsis dentifera*).

Stebbing, 1906: 615. (*Eurystheus dentifer*).

Schellenberg, 1931a: 243, fig. 125. (*Eurystheus dentifer*).

Schellenberg, 1935a: 233. (*Eurystheus dentifer*).

Stephensen, 1949: 44. (*Eurystheus dentifer*).

Barnard J.L., 1958e: 112. (*Eurystheus dentifer*).

Barnard J.L., 1962a: 14. (by implication). (*Eurystheus (Eurystheus) dentifer*).

Barnard J.L., 1969c: 271. (by implication). (*Gammaropsis (Gammaropsis) dentifer*).

Arnaud, 1974: 553, table 17. (eco). (*Gammaropsis dentifer*).

Bellan-Santini & Ledoyer, 1974: 674, pl. 20a. (*Gammaropsis dentifer*).

Thurston, 1974b: 42 (in key). (*Gammaropsis dentifer*).

Lowry & Bullock, 1976: 28. (*Gammaropsis (Gammaropsis) dentifer*, in part).

Barnard & Karaman, 1991: 192.

Gonzalez, 1991a: 52. (*Gammaropsis (Gammaropsis) dentifer*, in part).

De Broyer & Jazdzewski, 1993: 29.

De Broyer & Rauschert, 1999: 283, table 1.

Lowry & Stoddart, 2003: 140.

Chiesa *et al.*, 2005: 170.

Distribution:

S+M++

Falkland Islands: Port Louis, Carenage Creek, 1 m (bottom/habitat: sand, *Codium*); Greenpatch; Port William, 40 m (bottom/habitat: sand, small stones, algae); Port William, 22 m (bottom/habitat: sand); Port Albemarle, 40 m (bottom/habitat: sand); Port Stanley, 2 m (bottom/habitat: among kelp holdfasts); 54°43'S 64°08'W, 36 m (bottom/habitat: pebble, gravel) (AS 31a).

Iles Kerguelen: Golfe du Morbihan; Anse Joliette, 10-54 m; Ile du Chat (BS&L 74).

Magellan area: Puerto Pantalón; mouth of Canal Beagle, 100 m (bottom/habitat: shells); Isla Nueva, 14 m; Isla Picton, Caleta Banner, 5 m (bottom/habitat: among kelp holdfasts);

Punta Arenas (bottom/habitat: among kelp holdfasts) (AS 31a); southern Tierra del Fuego, Isla Gable, 54°54'S 67°21'W, 15-20 m (gear: dredge); Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Cabo San Pio, 55°03'S 66°37'W, 30-35 m (gear: dredge); Bahia Slogget, 55°00'S 66°21'W, 15-27 m (gear: dredge) (ILC *et al.* 05).

Tristan da Cunha: *Norw. Sci. Exp. Tristan da Cunha 1937-38*, sta. 18, Tristan da Cunha Island, 40-45 m; sta. 68, Tristan da Cunha Island, 0 m (KS 49).

Depth range: 1-100 m.

Type-locality: Australia: Clark Island, Port Jackson (WAH 79b).

Extralimital distribution: Australia; New Zealand; Chile; South Atlantic Ocean.

Extralimital depth range: Sublittoral.

Type specimen location: AM, Sydney.

Remarks: The status of this species has not been adequately resolved and distributional records require revision (L&S 03).

***Gammaropsis (Paranaenia) typica* (Chilton, 1884a)**

Chilton, 1884a: 259-260, pl.19: fig. 1a-h. (*Paranaenia typica*).

Chilton, 1884a: 260-261, pl. 21: fig. 2. (*Paranaenia dentifera*).

Chilton, 1884b: 1044. (*Moera dentifera*).

? Haswell, 1879b: 332, pl. 20: fig. 4. (*Moera dentifera*). (questioned by Barnard J.L., 1972b).

Thomson & Chilton, 1886: 144. (*Paranaenia typica*).

Thomson & Chilton, 1886: 144. (*Paranaenia dentifera*).

Stebbing, 1899c: 350.

? Schellenberg, 1931a: 243-244, fig. 125. (*Eurystheus dentifer*).

Barnard J.L., 1972b: 126-130, figs. 70, 71. (*Gammaropsis typica*).

Lowry & Bullock, 1976: 28. (*Gammaropsis (Gammaropsis) dentifer*, in part).

Alonso, 1980: 9-10, pl. 6. (*Gammaropsis typica*).

Lopez Gappa *et al.*, 1982: 76, table 1. (*Gammaropsis typica*)

Barnard & Karaman, 1991: 192.

De Broyer & Jazdzewski, 1993: 29.

Lowry & Stoddart, 2003: 140. (*Gammaropsis (Paranaenia) dentifer*).

Distribution: M+

? **Falkland Islands:** Port Louis, Carenage Creek, 1 m (bottom/habitat: sand, *Codium*); Greenpatch; Port William, 40 m (bottom/habitat: sand, small stones, algae); Port William, 22 m (bottom/habitat: sand); Port Albemarle, 40 m (bottom/habitat: sand); Port Stanley, 2 m (bottom/habitat: among kelp holdfasts); 54°43'S 64°08'W, 36 m (bottom/habitat: pebble, gravel) (AS 31a).

Magellan area: ? Puerto Pantalón; mouth of Canal Beagle, 100 m (bottom/habitat: shells);? Isla Nueva, 14 m;? Isla Picton, Caleta Banner, 5 m (bottom/habitat: among kelp holdfasts);? Punta Arenas (bottom/habitat: among kelp holdfasts) (AS 31a); Santa Cruz, Ria Deseado (GMA 80); Ria Deseado, 47°45'S 65°54'W (JLG *et al.* 82).

Depth range: 1-100 m.

Type-locality: New Zealand: Lyttelton Harbour (CC 84a).

Extralimital distribution: New Zealand: Dunedin; Lyttelton Harbour (CC 84a); Kaikoura; Wellington; Gisborne; Whangaparaoa Peninsula; Leigh. Argentina: 37°50'S 56°11'W (AS 31a); Chile: Valparaíso (AS 31a).

Extralimital depth range: Sublittoral.

Type specimen location: ? CMNZ, Christchurch.

Remarks: Taxonomic status unclear. The species may be a junior synonym of *Gammaropsis dentifera* (L&S 03).

***Gammaropsis (Pseudeurystheus) sublitoralis* (Schellenberg, 1931a)**

Schellenberg, 1931a: 234-236, fig. 119.

Lowry & Bullock, 1976: 31 (in part).

Barnard & Karaman, 1991: 193.

Rauschert, 1991: 36.

De Broyer & Jazdzewski, 1993: 29.

Distribution: W+G

Shag Rocks: 160 m (bottom/habitat: gravel, sand) (AS 31a).

South Georgia: Maiviken, 75 m (bottom/habitat: clay, algae); Cumberland Bay, 252-310 m (bottom/habitat: greyish clay, some stones) (AS 31a), 230-250 m (KBH 32).

South Orkney Islands: Signy Island, Paal Harbour, 20-25 m (MHT 74a).

South Shetland Islands: King George Island, 62°11'-14'S 58°52'-58'W (MR 91).

Depth range: 17-310 m.

Type-locality: Shag Rocks: 160 m (bottom/habitat: gravel, sand) (AS 31a).

South Georgia: Maiviken, 75 m (bottom/habitat: clay, algae); Cumberland Bay, 252-310 m (bottom/habitat: greyish clay, some stones) (AS 31a).

Type specimen location: NRS, Stockholm.

***Gammaropsis (Segamphopus) blaisus* (K.H. Barnard, 1932)**

Barnard K.H., 1932: 233, fig. 146. (*Megamphopus blaisus*).

Schellenberg, 1931a: 234, fig. 119. (*Pseudeurystheus sublitoralis*).

Barnard J.L., 1958b: 114. (*Megamphopus blaisus*).

Barnard J.L., 1958e: 116. (*Pseudeurystheus sublitoralis*).

Barnard J.L., 1962a: 14. (*Eurystheus (Pseudeurystheus) sublitoralis*).

Barnard J.L., 1962a: 15. (*Megamphopus (Segamphopus) blaisus*).

Barnard J.L., 1969c: 269, 271. (by implication). (*Gammaropsis (Pseudeurystheus) sublitoralis*).

Barnard J.L., 1973b: 17. (by implication).

Thurston, 1974a: 92. (*Pseudeurystheus sublitoralis*).

Thurston, 1974b: 41. (*Pseudeurystheus sublitoralis*).

Lowry & Bullock, 1976: 5-6, 31. (*Gammaropsis (Pseudeurystheus) sublitoralis*, in part).

Barnard & Karaman, 1991: 193.

De Broyer & Jazdzewski, 1993: 29.

Distribution:

W+G

Shag Rocks: 160 m (bottom/habitat: gravel, sand) (AS 31a).
South Georgia: Maiviken, 75 m (bottom/habitat: clay, algae); Cumberland Bay, 252-310 m (bottom/habitat: greyish clay, some stones) (AS 31a), *Discovery 1925-27*, sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets); sta. 141, Cumberland East Bay, 17-27 m (bottom/habitat: mud; gear: small beam trawl); sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk) (KHB 32).
South Orkney Islands: Signy Island, Paal Harbour, 20-25 m (MHT 74a).
Depth range: 17-310 m.
Type-locality: South Georgia: *Discovery 1925-27*, sta. 144, off mouth of Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk) (KHB 32).
Type specimen location: NHM, London.

Gammaropsis sp. 1 Stephensen, 1927e

Stephensen, 1927e: 353. (*Eurystheus* sp).
 Lowry & Bullock, 1976: 31.
 De Broyer & Jazdzewski, 1993: 29.

Distribution:

S

Auckland Islands: Camley Harbour, Masked Island, low tide (KS 27e).
Depth range: 0 m.

Gammaropsis sp. 2 Stephensen, 1947a

Stephensen, 1947a: 70. (*Eurystheus* spp.).
 Lowry & Bullock, 1976: 32.
 De Broyer & Jazdzewski, 1993: 30.

Distribution:

W(+Ba)

Bouvet Island: Cape Valdivia, 60 m (KS 47a).
Palmer Archipelago: Port Lockroy, 60-90 m (KS 47a).
South Shetland Islands: Bridgeman Island, 750 m (KS 47a).
Depth range: 60-750 m.

Gammaropsis sp. 3 Truchot, 1974

Truchot, 1974: 20. (*Eurystheus* sp.).
 Lowry & Bullock, 1976: 32.
 De Broyer & Jazdzewski, 1993: 30.

Distribution:

S

Iles Kerguelen: no loc. (JPT 74).
Depth range:
Gammaropsis sp. 4 Truchot, 1974

Truchot, 1974: 20. (*Podoceropsis* sp.).
 Lowry & Bullock, 1976: 32.
 De Broyer & Jazdzewski, 1993: 30.

Distribution:

S

Iles Kerguelen: no loc. (JPT 74).
Depth range:

Gammaropsis sp. 5 Branch et al., 1991

Branch et al., 1991: 18, 39-40, fig. on p.18. (*Gammaropsis* sp.).
 De Broyer & Jazdzewski, 1993: 30.

Distribution:

S

Prince Edward Islands: no loc., 5-10 m (MLB 91).
Depth range: 5-10 m.

Megamphopus angustilobatus Ren, 1991

Ren, 1991 in Ren & Huang, 1991: 235-236, 305-306, fig. 30.
 De Broyer & Jazdzewski, 1993: 29. (*Gammaropsis* (*Megamphopus*) *angustilobatus*).

Distribution:

W(+Ba)

Bransfield Strait: 63°22.5'S 60°34.3'W, 478 m (bottom/habitat: mud and sand); 62°24.5'S 61°40.4'W, 180 m (bottom/habitat: mud and sand) (R&H 91).
South Shetland Islands: King George Island, 61°44.3'S 55°43.3'W, 1098 m (bottom/habitat: mud and rocks) (R&H 91).
Depth range: 180-1098 m.
Type-locality: Bransfield Strait: 63°22.5'S 60°34.3'W, 478 m (bottom/habitat: mud and sand); 62°24.5'S 61°40.4'W, 180 m (bottom/habitat: mud and sand) (R&H 91).
 South Shetland Islands: King George Island, 61°44.3'S 55°43.3'W, 1098 m (bottom/habitat: mud and rocks) (R&H 91).
Type specimen location: IOQ, Qingdao.

Megamphopus dimorphus (K.H. Barnard, 1932)

Barnard K.H., 1932: 224, fig. 139. (*Eurystheus dimorphus*).
 Barnard J.L., 1958e: 112. (*Eurystheus dimorphus*).
 Barnard J.L., 1962a: 14. (by implication). (*Eurystheus* (*Eurystheus*) *dimorphus*).
 Barnard J.L., 1969c: 271. (by implication). (*Gammaropsis* (*Gammaropsis*) *dimorphus*).
 Thurston, 1974b: 44, (in key). (*Gammaropsis dimorphus*).
 Lowry & Bullock, 1976: 28. (*Gammaropsis* (*Gammaropsis*) *dimorphus*).
 Barnard & Karaman, 1991: 192.
 De Broyer & Jazdzewski, 1993: 29. (*Gammaropsis* (*Megamphopus*) *dimorpha*).

Distribution:**G**

South Georgia: *Discovery 1925-27*, sta. 45, off 'Jason Light', 238-270 m (bottom/habitat: grey mud; gear: nets, tow-net of coarse silk); sta. 123, off mouth of Cumberland Bay, 230-250 m (bottom/habitat: grey mud; gear: nets, large otter trawl); sta. 140, Stromness Harbour to Larsen Point, 122-136 m (bottom/habitat: green mud, stones; gear: nets); sta. 144, off mouth of off Stromness Harbour, 155-178 m (bottom/habitat: green mud, sand; gear: nets, tow-net of coarse silk); sta. 148, off Cape Saunders, 132-148 m (bottom/habitat: grey mud, stones; gear: nets); sta. 149, mouth of Cumberland East Bay, 200-234 m (bottom/habitat: mud; gear: nets, large otter trawl); sta. 154, Jason Harbour to Larsen Point, 60-160 m (bottom/habitat: mud; gear: nets) (KHB 32).

Depth range: 60-270 m.

Type-locality: South Georgia: *Discovery 1925-27*, sta. 149, mouth of Cumberland East Bay, 200-234 m (bottom/habitat: mud; gear: nets, large otter trawl) (KHB 32).

Type specimen location: NHM, London.**Megamphopus elephantis K.H. Barnard, 1932**

Barnard K.H., 1932: 234, fig. 147. (*Podoceroopsis elephantis*).

Barnard J.L., 1958e: 115. (*Podoceroopsis elephantis*).

Barnard J.L., 1962a: 15. (*Megamphopus (Megamphopus) elephantis*).

Barnard J.L., 1964b: 238 (in key). (*Megamphopus elephantis*).

Barnard J.L., 1973b: 17. (*Gammaropsis (Podoceroopsis) elephantis*).

Lowry & Bullock, 1976: 28.

Barnard & Karaman, 1991: 192.

De Broyer & Jazdzewski, 1993: 29. (*Gammaropsis (Megamphopus) elephantis*).

Distribution:**W**

South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Depth range: 342 m.

Type-locality: South Shetland Islands: *Discovery 1925-27*, sta. 170, Clarence Island, Cape Bowles, 61°25'S 53°46'W, 342 m (bottom/habitat: rock; gear: large heavy dredge) (KHB 32).

Type specimen location: NHM, London.**Photis coeca J.L. Barnard, 1962d**

Barnard J.L., 1962a: 29, (in key). (*Photis coecus*).

Barnard J.L., 1962d: 72, fig. 72, tables 5, 8. (*Photis coecus*).

Lowry & Bullock, 1976: 34.

Barnard & Karaman, 1991: 226.

De Broyer & Jazdzewski, 1993: 31.

Distribution:**W(Ab)**

Scotia Sea: *Vema 14*, sta. 46, East Scotia Basin, 55°19'S 37°57'W, 3725 m (gear: small benthic trawl) (JLB 62d).

Depth range: 3725 m.

Type-locality: Scotia Sea: *Vema 14*, sta. 46, East Scotia Basin, 55°19'S 37°57'W, 3725 m (gear: small benthic trawl) (JLB 62d).

Type specimen location: LGOC, New York.**Photis macrocarpa Stebbing, 1888**

Stebbing, 1888: 1064, pl. 107. (*Photis macrocarpus*).

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Barnard & Karaman, 1991: 226.

De Broyer & Jazdzewski, 1993: 31.

Distribution:**S**

Iles Kerguelen: *Challenger 1873-76*, no loc. (TRS 88).

Depth range:

Type-locality: Iles Kerguelen: *Challenger 1873-76*, no loc. (TRS 88).

Type specimen location: NHM, London.**Photis sp. 1 Truchot, 1974**

Truchot, 1974: 20. (*Photis* sp.).

Lowry & Bullock, 1976: 34. (*Photis* sp.).

De Broyer & Jazdzewski, 1993: 31. (*Photis* sp.).

Distribution:**S**

Iles Kerguelen: no loc. (JPT 74).

Depth range:**Photis sp. 2 Chiesa et al., 2005**

Chiesa et al., 2005: 170. (*Photis* n.sp.)

Distribution:**M**

Magellan area: southern Tierra del Fuego, Punta Moat, 55°02'S 66°42'W, 15-25 m (gear: dredge); Bahia Aguirre, 54°54'S 65°57'W, 30-35 m (gear: dredge); Bahia Bueno Suceso, 54°47'S 65°14'W, 12 m (gear: dredge) (ILC et al. 05).

Depth range: 12-35 m.

Superfamily RAKIROOIDEA Myers & Lowry, 2003

Family RAKIROIDAE Myers & Lowry, 2003

***Rakiroa rima* Lowry & Fenwick, 1982**

Lowry & Fenwick, 1982: 120-125, figs. 1-3.
Barnard & Karaman, 1991: 232.

Distribution:

S

The Snares: Rima Inlet, 48°07'S 166°36'E (bottom/habitat: in empty shells of the barnacle *Megabalanus campbelli* encrusted with sponges, in crevices in lower *Durvillea* zone; Ho Ho Islet (bottom/habitat: in empty shells of *Megabalanus campbelli*, among sponges and algae in an intertidal pools) (L&F 82).

Depth range: 0-? m.

Type-locality: The Snares, Rima Inlet, 48°07'S 166°36'E (bottom/habitat: in empty shells of the barnacle *Megabalanus campbelli* encrusted with sponges, in crevices in lower *Durvillea* zone (L&F 82).

Type specimen location: NMNZ, Wellington; AM, Sydney; NMNH, Washington; NHM, London.

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**PART 2. INTERACTIVE KEY TO THE FAMILIES AND SUBFAMILIES OF BENTHIC AMPHIPODA
(CRUSTACEA) OF THE SOUTHERN OCEAN**

by James K. Lowry

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