

## Mollusca of the Magellan region. A checklist of the species and their distribution\*

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**SUMMARY:** The Molluscan species collected during the “Victor Hensen” Joint Magellan Campaign 1994 served as the basis for this species list. The list was then completed by literature data on the distribution of molluscs around the Falkland Islands, the other Scotia Arc Islands, Antarctica and the Kerguelen Islands. 397 Magellan species are known: 10 species of Aplousophora, 250 species of Gastropoda, 6 species of Scaphopoda and 131 species of Bivalvia. Polyplacophora and Cephalopoda are not included because both taxa need revision.

**Key words:** Mollusca, Magellan region, checklist, biogeography.

**RESUMEN:** MOLUSCOS DE LA REGIÓN DE MAGALLANES. LISTA DE ESPECIES Y SU DISTRIBUCIÓN. – La base para esta lista está formada por las especies de moluscos recolectados durante la campaña internacional multidisciplinaria magallánica “Victor Hensen” en el año 1994. La lista se completó con datos de la literatura y estos se compararon con los datos existentes sobre la distribución en las Islas Malvinas, las Islas del Arco de Escocia, Antártida y las Islas Kerguelen. La lista de moluscos de Magallanes se compone de 397 especies: 10 especies de aplacóforos, 250 especies de gasterópodos, 6 especies de escafópodos y 131 especies de bivalvos. Polyplacóforos y cefalópodos no están incorporados en esta lista porque ambos taxones necesitan revisión.

**Palabras clave:** Moluscos, región de Magallanes, lista de especies, biogeografía.

### INTRODUCTION

This species list will serve to provide an inventory of the marine Magellanic Mollusca. Since the last century many expeditions have been undertaken to the Magellan region. The first taxonomic studies on molluscs were performed by King and Broderip (1831), D’Orbigny (1835-1846) and Philippi (1845). Later, important results on the Magellanic malacofauna were published by Smith (1881), Mabille and Rochebrune (1889), Strebel (1904, 1095a, b, 1906, 1907, 1908) and Odhner (1926). After expeditions with RVs *Challenger*, *Belgica*,

*Albatross* and *Discovery* (Bergh, 1884; Smith, 1885; Pelseneer, 1903; Dall, 1890, 1908; Powell, 1951; Dell, 1964), the Scottish National Antarctic Expedition (Melvill and Standen, 1907, 1912), and the Swedish Lund University Chile Expedition (Marcus, 1959; Soot-Ryen, 1959) further taxonomic results were published.

Carcelles and Williamson (1951) published the first species list of marine molluscs from the Magellan Province and later Osorio and Bahamonde (1970) gave a preliminary list of Chilean bivalves, comprising 217 species with 97 of them recorded in the Magellan region. Since those published accounts taxonomic revisions (e.g. McLean, 1984; Castellanos, 1989-1993; Ponder and Worsfold, 1994;

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Schrödl, 1996) have been made for several taxa. Therefore Carcelles and Williamson's lists had to be checked for synonyms and new species. Regional zoogeographic studies of the Chilean marine benthos including Polyplacophora, Gastropoda and Bivalvia were performed by Brattström and Johanssen (1983). However, these authors mainly examined shallow water taxa; the sublittoral fauna was under-represented in their account.

In recent years new expeditions were undertaken to the Magellan region, like the Chilean-Italian cruises in 1989-90 and 1990-91 or the German-Chilean-Italian „Joint Magellan“ campaign in 1994. Some new species were discovered during taxonomic studies of these new molluscan samples (e.g. Di Geronimo *et al.*, 1995). Linse (1997) published an inventory of marine Mollusca of the Beagle Channel. The biogeography of Crustacea and Mollusca is presented and discussed by Brandt *et al.* (this volume), zoogeographic relationships of the Nudibranchia by Schrödl (1997; 1999).

The present list includes also the Aplacophora (Caudofoveata and Solenogastres), Gastropoda, Scaphopoda and Bivalvia. In total 118 molluscan species were collected in the Beagle Channel by means of an epibenthic sledge (Linse, 1997; Linse and Brandt, in press), these species served as the basis for this checklist. It was later completed with distribution data from the literature from the areas of the Subantarctic Islands and High Antarctica (e.g., Powell, 1960; Mühlenhardt-Siegel, 1989; Hain, 1990).

The Magellan region in this study is defined as the Patagonian shelf south of about 41°S on both the Pacific and Atlantic sides. Although Powell (1965) excluded the Falkland Islands from the Magellan region, they are included in this study (compare Brandt *et al.*, this volume).

## SPECIES CHECKLIST

(Geographic abbreviations at the end of the list.)

<b>Aplacophora</b>	
<b>Caudofoveata</b>	
<b>Limifossoridae</b>	
<i>Limifossor holopeltatus</i> Salvini Plawen, 1986	RC, MR
<i>Scutopus chilensis</i> Salvini-Plawen, 1972	RC, MR
<i>Scutopus</i> sp.	MR
<b>Chaetodermatidae</b>	
<i>Chaetoderma</i> sp.	MR
<i>Falcidens</i> sp.1	MR

<i>Falcidens</i> sp.2	MR
<i>Caudofoveata</i> sp.	MR

## Solenogastres

<i>Pararrhopaliidae</i> sp.	MR
<i>Macellomeniidae</i> sp.	MR
<i>Dondersiidae</i> sp.	MR

## Gastropoda

### Patellidae

<i>Nacella (Patinigera) deaurata deaurata</i> (Gmelin, 1791)	MR, FI
<i>Nacella (P.) deaurata f. delicatissima</i> (Strebel, 1907)	MR, FI
<i>Nacella (P.) flammea</i> (Gmelin, 1791)	MR
<i>Nacella (P.) fugiensis</i> (Reeve, 1855)	MR, FI
<i>Nacella (P.) magellanica magellanica</i> (Gmelin, 1791)	RC, MR, FI
<i>Nacella (P.) magellanica venosa</i> (Reeve, 1855)	MR
<i>Nacella (P.) mytilina</i> (Helbing, 1779)	MR, FI, KI

### Acmaeidae

<i>Acmaea perconica</i> Preston, 1913	PE, RC, MR
<i>Patelloida cecilians magellanica</i> Strebel, 1907	MR, FI
<i>Scurria scurra</i> (Lesson, 1847)	MR, FI

### Lepetidae

<i>Iothia coppingeri</i> (Smith, 1881)	MR, FI, SS, SO, PI, WS, EL, DS, AD, OL, RS, PA, CI, KI
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### Fissurellidae

<i>Parmaphoridea antarctica</i> (Strebel, 1907)	MR
<i>Parmaphoridea melvilli</i> (Thiele, 1912)	MR, FI, BB
<i>Puncturella cognata</i> (Gould, 1852)	MR
<i>Puncturella conica</i> (Orbigny, 1841)	MR, FI, SG, SO, WS, RS, KI
<i>Megatebennus patagonicus</i> Strebel, 1907	MR, FI
<i>Fissurella nigra</i> Lesson, 1831	RC, MR
<i>Fissurella picta</i> (Gmelin, 1791)	RC, MR, FI
<i>Fissurella oriens</i> Sowerby, 1835	MR, FI
<i>Fissurella radiosa</i> Lesson, 1831	MR, RA

### Scissurellidae

<i>Anatoma conica</i> (Orbigny, 1841)	MR, FI
<i>Scissurella clathrata</i> Strebel, 1908	MR, FI
<i>Scissurella timora</i> Melvill & Standen, 1912	MR, FI, SO

### Trochidae

<i>Calliostoma consimilis</i> (Smith, 1881)	MR
<i>Calliostoma coppingeri</i> (Smith, 1880)	MR
<i>Calliostoma irisans</i> Strebel, 1905	MR, FI
<i>Calliostoma mobiusi</i> Strebel, 1905	MR, BB
<i>Calliostoma modulestum</i> Strebel, 1908	MR, FI
<i>Calliostoma nordenskjoldi</i> Strebel, 1908	MR
<i>Calliostoma nudisculum</i> (Martens, 1881)	MR
<i>Calliostoma nudum</i> (Philippi, 1895)	MR, FI
<i>Calliostoma</i> sp.	MR

- Margarella pruinosa* (Mabille & Rochebrune, 1891) MR  
*Margarella violacea* (King & Broderip, 1831) MR, FI  
*Photinastoma taeniata* (Wood, 1825) MR, FI  
*Photinula blakei* (Clench & Aguayo, 1938) MR, FI  
*Photinula caerulescens* (King & Broderip, 1831) MR, FI, SG  
*Tegula atra* (Lesson, 1839) PE, RC, MR, FI  
*Tegula patagonica* (Orbigny, 1835) RA, MR
- Turbinidae**  
*Homalopoma cunninghami* (Smith, 1881) MR, FI  
*Prisogaster niger* (Wood, 1828) PE, RC, MR
- Cyclostrematidae**  
*Cyclostrema crassiolatum* Strebel, 1908 MR, SG
- Orbitestellidae**  
*Microdiscula* sp. MR  
*Orbitestella* sp. MR
- Cerithiidae**  
*Ataxocerithium pullum* (Philippi, 1845) MR, FI, BB  
*Cerithiopsisilla burdwoodianus* (Melvill & Standen, 1912) MR, FI  
*Eumetula michaelsoni* (Strebel, 1906) MR
- Turritellidae**  
*Colpospirella algida* (Melvill & Standen, 1912) MR, FI, SG  
*Mathilda argentina* Castellanos, 1990 MR  
*Mathilda malvinarum* (Melvill & Standen, 1907) MR, FI
- Epitoniidae**  
*Coroniscala magellanica* (Philippi, 1845) MR, FI, BB  
*Coroniscala latecostata* (Strebel, 1905) MR, FI  
*Epitonium georgiinum* (Kiener, 1839) MR, RA  
*Epitonium fabrizioi* Pastorino & Penchaszadeh, 1999 MR  
*Papuliscala diminuta* Castellanos, Rolan, Bartolotta, 1987 MR
- Eulimidae**  
*Balcis subantarcticus* (Strebel, 1908) MR, SG  
*Melanella salvadori* Castellanos, Rolan, Bartolotta, 1987 MR  
*Strombiformis carforti* (Rochebrune & Mabille, 1889) MR
- Littorinidae**  
*Laevilitorina caliginosa* (Gould, 1848) MR, FI, SG, SS, SO, KI, MA
- Eatoniellidae**  
*Eatoniella (Eatoniella) cana* Ponder, 1983 MR, FI, WS, SG, SO  
*Eatoniella (E.) castanea* Ponder, 1994 MR  
*Eatoniella (E.) denticulata* Ponder, 1994 MR  
*Eatoniella (E.) glomerosa* Ponder, 1994 MR  
*Eatoniella (E.) nigra* (Orbigny, 1840) RC, MR  
*Eatoniella (E.) picea* Ponder, 1994 MR  
*Eatoniella (E.) turricula* Ponder, 1994 MR  
*Pupatonia magellanica* Ponder, 1990 RC, MR
- Cingulopsidae**  
*Skenella (Skenella) hallae* Ponder, 1994 MR, FI, SG
- Rissoidae**  
*Onoba ? algida* Ponder, 1994 MR  
*Onoba erugata* Ponder, 1994 MR  
*Onoba fuegoensis* (Stebel, 1908) MR  
*Onoba georgiana* (Pfeffer, 1886) MR, FI, SG, SO  
*Onoba ? lacuniformis* Ponder, 1994 MR, FI  
*Onoba protofimbriata* Ponder, 1994 MR, FI  
*Onoba scythei* (Philippi, 1868) MR, FI  
*Onoba striola* Ponder, 1994 MR  
*Onoba subaedonis* Ponder, 1994 MR, FI  
*Onoba subincisa* Ponder, 1994 MR  
*Onoba sulculata* Ponder, 1994 MR  
*Powellisetia microlirata* Ponder, 1994 RC, MR  
*Pusillina (Haurakia) averni* Ponder, 1994 MR
- Caecidae**  
*Fartulum magellanicum* Di Geronimo, Privitera & Valdivinos, 1995 MR
- Vermetidae**  
Vermetidae sp. MR
- Calyptraeidae**  
*Crepipatella dilatata* Lamarck, 1822 MR, FI  
*Trochita pileus* (Lamarck, 1822) MR, FI, BB, RC  
*Trochita pileolus* (Orbigny, 1845) MR, FI, BB
- Capulidae**  
*Capulus chilensis* Dall, 1904 MR  
*Capulus compressus* Smith, 1891 MR
- Lamellariidae**  
*Marseniopsis pacifica* Bergh, 1886 MR, SG, SO, PI, WS, CI, KI  
*Lamellaria ampla* Strebel, 1906 MR, FI  
*Lamellaria elata* Strebel, 1906 MR, FI  
*Lamellaria patagonica* Smith, 1881 MR, FI
- Cymatiidae**  
*Argobuccinum argus* (Gmelin, 1790) MR  
*Argobuccinum cancellatum* (Lamarck, 1822) MR, FI
- Naticidae**  
*Bulbus carcellesi* Dell, 1990 MR, FI  
*Falsilunatia limbata* (Orbigny, 1835) MR, RA  
*Falsilunatia patagonica* (Philippi, 1845) MR, FI, SG  
*Falsilunatia soluta* (Gould, 1848) MR, FI, CI, KI  
*Tectonatica impervia* (Philippi, 1845) MR, FI, BB, SG
- Turridae**  
*Aforia gonoides* (Watson, 1881) MR, FI, SH  
*Belalora cunninghami* (Smith, 1881) MR, FI  
*Drillia janseni* Strebel, 1905 MR  
*Drillia patagonia* (Orbigny, 1841) MR  
*Drillia suxdorfi* Strebel, 1905 MR  
*Eumetadrillia fuegiensis* (Smith, 1888) MR, RA, FI  
*Leucosyrinx angusteplicata* (Strebel, 1905) MR, FI, BB  
*Leucosyrinx taludana* Castellanos & Landoni, 1993 MR

- Mangelia gazellae* (Strebel, 1905) MR,  
*Mangelia magellanica* (Martens, 1881) MR  
*Mangelia martensi* (Strebel, 1905) MR  
*Mangelia michaelseni* (Strebel, 1905) MR, FI, BB,  
SG  
*Mangelia paessleri* (Strebel, 1905) MR  
*Pleurotomella (Anomalotomella) ohlini* (Strebel, 1905)  
MR, FI  
*Propebela profunda* Castellanos & Landoni, 1993  
MR  
*Propebela? lateplicata* Strebel, 1905 MR  
*Thesbia michaelseni* Strebel, 1905 MR  
*Typhlodaphne filostriata* (Strebel, 1905) MR  
*Typhlodaphne payeni* (Rochebrune & Mabilie, 1891) MR  
*Typhlodaphne purissima* (Strebel, 1908) MR, SR, SG  
*Typhlodaphne strebeli* Powell, 1951 MR, SR, SG
- Columbellidae**  
*Amphissa acuminata* (Smith, 1915) MR, RA, FI  
*Amphissa cancellata* (Castellanos, 1979) MR,  
*Anachis isabellei* (Orbigny, 1841) MR, RA  
*Anachis paessleri* (Strebel, 1905) MR, RA  
*Mitrella unifasciata* (Sowerby, 1832) RC, MR, RA  
*Mitrella rubra* (Martens, 1881) MR, RA
- Buccinulidae**  
*Anomacme smithi* Strebel, 1908 MR, FI  
*Antistreptus magellanicus* Dall, 1902 MR, FI  
*Antistreptus rolani* Castellanos, 1985 MR  
*Parabuccinum\* biscalpta* (Dell, 1990) MR  
*Parabuccinum\* eltanini* (Dell, 1990) MR  
*Parabuccinum\* polyspeira* (Dell, 1990) MR  
*Parabuccinum\* rauscherti* sp. n. Harasewych,  
Kantor & Linse, (subm.) MR  
*Falsitromina bella* (Powell, 1951) MR, FI  
*Falsitromina fenestrata* (Powell, 1951) MR  
*Falsitromina powelli* Dell, 1990 MR, FI  
*Falsitromina simplex* (Powell, 1951) MR, FI, BB  
*Glypteuthria meridionalis* (Smith, 1881) MR, FI  
*Meteuthria martensi* (Strebel, 1905) MR  
*Meteuthria multituberculata multituberculata*  
(Castellanos, Rolan & Bartolotta, 1987) MR  
*Parficulina problematica* Powell, 1951 MR, FI  
*Pareuthria cerealis* (Rochebrune & Mabilie, 1885) MR, FI  
*Pareuthria fuscata* (Bruguière, 1782) MR, FI  
*Pareuthria janseni* (Strebel, 1905) MR, FI  
*Pareuthria michaelseni* (Strebel, 1905) MR, FI  
*Pareuthria paessleri* (Strebel, 1905) MR  
*Pareuthria plumbea* (Philippi, 1884) MR  
*Pareuthria ringei* (Strebel, 1905) MR, FI, BB  
*Pareuthria powelli* (Hombron & Jacquinot, 1854)  
MR, FI, BB
- Pareuthria valdiviae* Powell, 1951 MR  
*Prosipho antarctidis* (Pelseneer, 1903) MR, BB  
*Savatieria areolata* Strebel, 1905 MR, FI, BB  
*Savatieria chordata* Castellanos, Rolan & Bartolotta, 1987  
MR  
*Savatieria frigida* Rochebrune & Mabilie, 1885 MR  
*Savatieria meridionalis* (Smith, 1881) MR
- Volutidae**  
*Adelomelon ancilla* (Solander, 1786) MR, RA, FI  
*Adelomelon beckii* (Broderip, 1836) MR, RA, FI  
*Adelomelon ferussacii* (Donovan, 1824) MR  
*Miomelon? bottai* Vazquez & Caldini, 1989 MR  
*Miomelon eltanini* Dell, 1990 MR  
*Miomelon scoresbyana* Powell, 1951 MR, FI  
*Miomelon turnerae* Dell, 1990 MR  
*Odontocymbiola canigiai* Vasquez & Caldini, 1992 MR  
*Odontocymbiola magellanica* (Gmelin, 1791) MR, FI  
*Odontocymbiola pescalia* Clench & Turner, 1964 MR  
*Odontocymbiola subnodosa* Leach, 1914 MR, FI
- Volutomitridae**  
*Volutomitra (Paradmete) crymochara* (Rochebrune  
& Mabilie, 1889) MR
- Cancellariidae**  
*Admete cf. australis* (Philippi, 1856) MR  
*Admete carinata* (Watson, 1883) MR, FI, KI  
*Admete magellanica* Strebel, 1905 MR, FI
- Marginellidae**  
*Marginella dozei* Rochebrune & Mabilie, 1889 MR, FI  
*Marginella warrenii* Marrat, 1876 MR, FI
- Muricidae**  
*Tromina dispectata* Dell, 1990 MR  
*Trophon geversianus* (Pallas, 1769) MR, FI  
*Trophon ohlini* Strebel, 1905 MR, FI, SG  
*Trophon triacanthus* Castellanos, Rolan & Bartolotta, 1987  
MR  
*Trophon (Fuegotrophon) pallidus* (Broderip, 1832)  
MR, FI, BB  
*Trophon (Stramonitrophon) plicatus* (Lightfoot, 1786)  
MR, RA, FI, BB, SG  
*Xymenopsis albidus* (Philippi, 1846) MR, FI  
*Xymenopsis falklandicus* (Philippi, 1845) MR, FI  
*Xymenopsis muriciformis* (King & Broderip, 1832)  
MR, FI, SG
- Acanthina monodon* (Solander, 1786) MR, FI  
*Concholepas concholepas* (Bruguière, 1789) PE,  
RC, MR
- Pyramidellidae**  
*Chemnitzia smithi* (Strebel, 1905) MR, FI, BB  
*Eulimella xenophyses* (Melvill & Standen, 1912)  
MR, FI, BB  
*Eulimella* sp. MR  
*Odostomia translucens* Strebel, 1908 MR, FI

\* See References, Harasewych *et al.* subm.

- Odostomia multituberculata* Castellanos, 1982 MR  
*Odostomia nova* Castellanos, 1982 MR
- Omalogyridae**  
*Omalogyra antarctica* Egorova, 1991 MR, AD
- Acteonidae**  
*Acteon biplicatus* (Strebel, 1908) MR, FI  
*Acteon elongatus* Castellanos, Rolan & Bartolotta, 1987 MR  
*Acteon vagabundus* (Mabille & Rochebrune, 1885) MR
- Diaphanidae**  
*Diaphana paessleri* (Strebel, 1905) MR, FI  
*Toledonia limnaeformis* (Smith, 1877) MR, RS, KI  
*Toledonia paretata* Dell, 1990 MR  
*Toledonia perplexa* Dall, 1902 MR, FI  
*Toledonia punctata* Thiele, 1912 MR, SG, RS, KI  
*Toledonia* sp. MR
- Scaphandridae**  
*Cylichnina cumberlandiana* Strebel, 1908 MR, SG  
*Cylichnina georgiana* Strebel, 1908 MR, SG  
Scaphandridae sp. MR
- Philinidae**  
*Philine falklandica* Powell, 1951 MR, FI
- Limacinidae**  
*Limacina helicina* (Phipps, 1774) MR, cosmopolitic  
*Limacina retroversa* (Fleming, 1823) MR, RA  
*Thilea procera* Strebel, 1908 MR
- Pneumodermatidae**  
*Spongiobranchaea australis* (d'Orbigny, 1836) MR, SG, SS, RS, south of NZL
- Clionidae**  
*Clione antarctica* (Smith, 1902) MR, SG, SS, AD, RS, BI
- Elysiidae**  
*Elysia patagonica* Muniaín & Ortea, 1997 MR
- Stiligeridae**  
*Ercolania evelinae* (Marcus, 1959) RC, MR
- Hermaeidae**  
*Aplysiopsis brattströmi* (Marcus, 1959) RC, MR
- Limapontiidae**  
*Limapontia* sp. MR
- Pleurobranchidae**  
*Berthella patagonica* (d'Orbigny, 1837) RC, MR  
*Berthella platei* (Bergh, 1898) MR
- Chromodorididae**  
*Cadlina sparsa* (Odhner, 1921) RC, MR, Californien  
*Tyrinna nobilis* Bergh, 1898 RC, MR
- Rostangidae**  
*Rostanga pulchra* MacFarland, 1905 RC, MR, Californien
- Platydorididae**
- Gargamella immaculata* Bergh, 1894 RC, MR, RA, BB
- Discodorididae**  
*Anisodoris fontaini* (d'Orbigny, 1837) RC, MR, RA  
*Anisodoris punctuolata* (d'Orbigny, 1837) RC, MR  
*Neodoris claurina* Marcus, 1959 MR  
*Diaulula hispida* (d'Orbigny, 1937) RC, MR  
*Diaulula vestita* (Abraham, 1877) MR, RA, FI  
*Geitodoris patagonica* Odhner, 1926 MR, FI
- Dorididae**  
*Austrodoris kerguelenensis* (Bergh, 1884) MR, FI, SH, SG, SO, SH, WS, RS, MI, KI, HI
- Corambidae**  
*Corambe lucea* Marcus, 1959 RC, MR
- Onchidorididae**  
*Acanthodoris falklandica* Eliot, 1907 RC, MR, FI
- Goniodorididae**  
*Ancula fuegiensis* Odhner, 1926 RC, MR  
*Okenia angelensis* Lance, 1966 RC, MR, California to Baja California
- Polyceridae**  
*Polycera priva* Marcus, 1959 MR  
*Polycera marplatensis* Franceschi, 1928 MR, RA  
*Holoplocamus papposus* Odhner, 1926 RC, MR  
*Thecacera darwini* Pruvot-Fol, 1950 RC, MR
- Dotoidae**  
*Doto uva* Marcus, 1955 RC, MR, Brazil
- Tritoniidae**  
*Tritonia australis* (Bergh, 1898) RC, MR, RA  
*Tritonia challengeriana* Bergh, 1884 MR, FI, SG, SO, SH, WS, AD, RS  
*Tritonia odhneri* Marcus, 1959 RC, MR  
*Tritonia vorax* (Odhner, 1926) MR, BB, SG
- Flabellinidae**  
*Flabellina falklandica* (Eliot, 1907) MR, FI, SR, SG, CI
- Eubbranchidae**  
*Eubbranchus agrius* Marcus, 1959 MR  
*Eubbranchus fuegiensis* Odhner, 1926 MR
- Tergipedidae**  
*Cuthona georgiana* (Peffer in Martens & Pfeffer, 1886) MR, RS, KI  
*Cuthona odhneri* Marcus, 1959 MR  
*Cuthona* sp. RC, MR  
*Cuthona valentini* (Eliot, 1907) MR, FI
- Facelinidae**  
*Phidiana lottini* (Lesson, 1831) PE, RC, MR  
*Phidiana patagonica* (d'Orbigny, 1837) MR, RA
- Aeolidiidae**  
*Aeolidia papillosa* var. *serotina* (Bergh, 1873) RC, MR, FI
- Siphonariidae**

*Kerguelenella lateralis* (Gould, 1846) MR, FI, SG,  
KI, CA, AU  
*Pachysiphonaria lessoni* (Blainville, 1824) PE, RC,  
MR, KI

### Scaphopoda

#### Dentaliidae

*Dentalium lebruni* Mabile & Rochebrune, 1889 MR  
*Dentalium megathyris* Dall, 1889 EC, PE, RC, MR  
*Fissidentalium majorinum* (Mabile & Rochebrune, 1889)  
MR, FI, SH, PI, WS, EL, DS, AD, RS  
*Rhabdus perceptum* (Mabile & Rochebrune, 1889) MR

#### Siphonodentaliidae

*Cadulus dalli dalli* Pilsbry & Sharp, 1898 MR  
*Pusellum falklandicum* (Dell, 1964) MR

### Bivalvia

#### Nuculidae

*Nucula exigua* Sowerby, 1832 MR  
*Nucula falklandica* Preston, 1912 MR  
*Nucula* sp.1 MR  
*Ennucula eltanini* Dell, 1990 MR  
*Ennucula grayi* (Orbigny, 1846) RC, MR, RA  
*Ennucula puelcha* (Orbigny, 1846) MR, FI  
*Linucula pisum* (Sowerby, 1832) RC, MR, RA, FI

#### Nuculanidae

*Yoldia* (*Aequiyoldia*) *eightsii* (Couthouy, 1839) MR,  
FI, SG, SO, SH, PI, WS, RS, MB, BS, PA, KI  
*Yoldia* (*A.*) *woodwardi* (Hanley, 1860) MR, FI, SG,  
SO, SH, BS, PA  
*Yoldiella chilénica* Dall, 1908 MR  
*Yoldiella granula* Dall, 1908 MR  
*Yoldiella indolens* Dall, 1908 MR  
*Yoldiella infrequenz* Dall, 1908 MR  
*Yoldiella valettei* (Lamy, 1906) MR

#### Malletiidae

*Malletia cumingi* (Hanley, 1860) MR, RA, FI  
*Malletia inequalis* Dall, 1908 MR  
*Malletia magellanica* Smith, 1881 MR  
*Tindariopsis sulcata* (Couthouy, 1852) MR, RA, FI  
*Tindaria virens* Dall, 1889 MR, RA

#### Siliculidae

*Propeleda longicaudata* (Thiele, 1912) MR, SG,  
SO, SH, PI, WS, EL, DS, AD, OL, RS, MB, BS  
*Silicula patagonica* Dall, 1908 MR, RA

#### Solemyidae

*Solemya macrodactyla* (Mabile & Rochebrune, 1891)  
MR, RA  
*Solemya* sp. 1 MR

#### Limopsidae

*Limopsis hirtella* Rochebrune & Mabile, 1889 MR,  
FI, BS, PA  
*Limopsis knudseni* Dell, 1990 MR, SG

*Limopsis marionensis* Smith, 1885 MR, SG, SS,  
SO, SH, PI, WS, EL, DS, AD,  
OL, RS, MB, BS, PA, MI, KI

*Limopsis tenella dalli* Lamy, 1912 EC, PE, RC, MR

#### Philobryidae

*Philobrya sublaevis* Pelseneer, 1903 MR, RA, FI,  
SR, SG, SH, EL, DS, AD, OL, PA, BI  
*Philobrya wandelensis* Lamy, 1906 MR, BB, SG,  
SS, SO, SH, PI, EL, DS, AD, OL, RS  
*Philobrya quadrata* MR, FI, SG, MI  
*Philobrya* sp. 1 MR  
*Lissarca miliaris* (Philippi, 1845) MR, SG, SO, SH,  
PI, PA, KI

#### Mytilidae

*Aulacomya ater ater* (Molina, 1782) PE, RC, MR,  
FI, KI  
*Mytilus edulis chilensis* Lamarck, 1819 MR, FI  
*Choromytilus chorus* (Molina, 1782) PE, RC,  
MR, FI  
*Perna perna* (Linnaeus, 1758) RC, MR, FI  
*Dacrydium panamensis* Knudsen, 1970 MR  
*Crenella* sp. MR

#### Pectinidae

*Chlamys natans* (Philippi, 1845) MR  
*Chlamys patagonica* (King & Broderip, 1831) MR,  
FI, PA  
*Palliolium vitreum* (King, 1831) MR, FI  
*Pecten pycnolepis* Martens, 1881 MR  
*Camponectus subhyalinus* (Smith, 1886) MR  
*Cyclopecten falklandicus* Dell, 1964 MR  
*Cyclopecten* sp. 1 MR  
*Cyclopecten* sp. 2 MR

#### Limidae

*Acesta patagonica* (Dall, 1904) RC, MR  
*Limatula hodgsoni* (Smith, 1907) MR, SR, SG,  
SO, SH, WS, EL, AD, RS, PA, BI  
*Limatula pygmaea* (Philippi, 1845) MR, FI, SG, SS,  
SO, WS, BS, PA, BI, KI, MA  
*Limatula* sp.1 MR

#### Thyasiridae

*Genaxinus debilis* (Thiele, 1912) MR, FI, SR, SG,  
SS, SO, SH, PI, EL, DS, RS, MB  
*Thyasira falklandica* (Smith, 1885) (MR), FI, SO,  
SH, PA  
*Thyasira cf falklandica* (Smith, 1885) MR

#### Lucinidae

*Loripes pertenuis* Smith, 1881 MR  
*Lucinoma lamellata* (Smith, 1881) MR, FI, KI

#### Kelliidae

*Kellia bullata* Philippi, 1845 MR  
*Kellia magellanica* Smith, 1881 MR, FI  
*Kellia simulans* Smith, 1907 MR, SH, RS



SH, PI, WS, DS, AD, OL, RS, BS, PA, BI  
*Cuspidaria patagonica* Smith, 1885 MR  
*Cuspidaria tenella* Smith, 1912 MR, FI, BB, SR,  
SG, SS, SO, SH, PI, WS, EL, DS, RS, PA  
*Cuspidaria chilensis* Dahl, 1908 RC, MR

#### **Verticordiidae**

*Lyonsiella radiata* Dall, 1889 MR

#### **Abbreviations used for geographic areas or islands:**

AD - Adelie Land; AU - Auckland Island; BB - Burdwood Bank; BI - Bouvet Island; BS.- Bellingshausen Sea; CA - Campbell Island; CI - Crozet Island; DS - Davis Sea; EC - Ecuador; EL - Enderby Land; FI - Falkland Islands; HI - Heart Island; KI - Kerguelen Islands; MA - Macquarie Island; MB - Mary Byrd Land; MI - Marion Island; MR - Magellan region; OL - Oates Land; PA - Palmer Archipelago; PE - Peru; PI - Antarctic Peninsula; RA - Argentina; RC - Chile; RS - Ross Sea; SG - South Georgia; SH - South Shetland Islands; SO - South Orkney Islands; SR - Shag Rocks; SS - South Sandwich Islands; WS - Weddell Sea.

#### **DISCUSSION**

The species checklist for the Magellan molluscs summarizes the present knowledge of the distribution of the known species. Because the focus lies on the zoogeography of the species, species synonyms are not presented herein. This is the task of taxonomic contributions.

The most recent checklist for Mollusca of the Magellan region was published by Carcelles and Williamson (1951) nearly 50 years ago. It comprised 614 species, 276 families and 125 genera of the taxa Polyplacophora (45 spp./ 15 gen./ 6 fam.), Aplacophora (0/0/0), Gastropoda (352/163/67), Scaphopoda (4/1/1), Bivalvia (184/82/42) and Cephalopoda (27/15/9). They considered the region between 37° S on the Pacific coast (Concepción) and 43° S on the Atlantic side (Golfo Nuevo) and included the Falkland Islands and Burdwood Bank.

Powell (1960) published a systematic checklist for Antarctic and Subantarctic Mollusca excluding the mainland of the Magellan region but including the Falkland Islands; however, he only mentioned the species of the Magellan region in footnotes.

Recent studies on taxonomy (e.g. Ponder and Worsfold, 1994; Di Geronimo *et al.*, 1995; Schrödl,

1996) have either increased the number of species or decreased the number due to synonymizations of species (e.g. McLean, 1984; Castellanos, 1989 - 1993). New zoogeographic records are the result of recent collections; e.g. Linse (1997) recorded 43 species - 8 Aplacophora, 11 Gastropoda, 2 Scaphopoda, 23 Bivalvia - new for the Magellan region and collected in sublittoral waters of the Beagle Channel. According to Dell (1971) and Brattström and Johanssen (1983), the northern boundaries of the Magellan region lie at about 41° S, some degrees further south on the Pacific coast than defined by Carcelles and Williamson (1951). Due to the new records and these inconsistent zoogeographic definitions an updated Magellan mollusc checklist was urgently needed.

This present list comprises 397 species of Mollusca belonging to 211 genera and 101 families, excluding Polyplacophora and Cephalopoda. 10 species of Aplacophora of 7 genera and 5 families occur in the Magellan region, 250 species of Gastropoda (124 gen./ 58 fam.), 6 species of Scaphopoda (5 gen./ 2 fam.) and 131 species of Bivalvia (75 gen./ 36 fam.). Some families, like the Fissurellidae (McLean, 1984), Littorinidae and Rissoidae (Ponder and Worsfold, 1994), or Nudibranchia (Schrödl, 1999), have already been revised but revisions for others, such as the Trochidae, Pectinidae or Carditidae, are still waiting. Dr. B. Sirenko is currently revising the Polyplacophora collected during the "Victor Hensen" campaign.

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