

The Amphipoda of New Caledonia

Jim LOWRY

Principal Research Scientist, Australian Museum, 6 College St, Sydney, NSW 2010, Australia

Jim.Lowry@austmus.gov.au

Aside from the work of Chevreux (1915) studies of the New Caledonian amphipods did not start until the early 1970's. There have been only two faunistic monographs on the New Caledonian amphipods. Based on ORSTOM collections using mainly an Isaacs Kidd midwater trawl Répelin (1978) recorded 86 species of pelagic amphipods in the seas around New Caledonia. Based on shallow water benthic collections Ledoyer (1984) reported about 51 species of amphipods living among sea grasses. Other studies have concentrated on specific groups: Chevreux (1915) and Ruffo & Paiotta (1972) studied terrestrial talitrids; from deep water IRD (ORSTOM) collections Laubitz (1991) studied caprellids and Lowry & Stoddart (1994) studied lysianassoids; Myers (1998) studied aorids and Lowry & Myers (2003) studied iphimeriid amphipods, both based on collections made by the authors and IRD divers in 1995. Watson *et al.* (2004) reported the first iciliid amphipods from New Caledonia.

Because of the short history of amphipod taxonomy in New Caledonia a number of families, such as the Ampeliscidae, Caprellidae, Colomastigidae, Hyalidae, Ischyroceridae, Leucothoidae, Oedicerotidae, Photidae and Phoxocephalidae are seriously under-represented and other families of shallow and deep water amphipods certain to be present, such as the Amathillopsidae, Amphilochidae, Bogidiellidae, Cheluridae, Chevaliidae, Exoedicerotidae, Kamakidae, Liljeborgiidae, Nihotungidae, Ochlesidae, Pardaliscidae, Platyschnopidae, Sebidae, Stegocephalidae and Stenothoidae, have not yet been reported. Based on unpublished data of Lowry and Myers it is reasonable to expect about 200 shallow water species just from the South-east Lagoon.

No hyperiidean amphipods are endemic to this area. At the moment 28 of the 88 shallow water species (32%) are considered to be endemic to New Caledonia. It is difficult to predict endemicity levels until more is known about the New Caledonian fauna and studies currently underway on the fauna of the Great Barrier Reef are completed. New Caledonian benthic species currently recorded from outside the area are known mainly from eastern Australia, Fiji, Hawaii, Kiribati, Micronesia, the Solomon Islands, Vietnam, Tonga and Western Samoa.

There are currently 58 families, 122 genera and 199 species of amphipods known from New Caledonian waters. These include 88 shallow water benthic species, 25 deep water benthic or demersal species and 86 pelagic species.

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List of Shallow and deep water Amphipoda of New Caledonia

*Species recorded from more than 100 m depth.

Following the name of each species (except "pelagic" amphipods) is the locality of the first description.

AMARYLLIDIDAE Lowry & Stoddart, 2002 (2 species)

Amaryllis sp.

**Bathyamaryllis ouvea* Lowry & Stoddart, 1994 [south of Île des Pins, New Caledonia, 22°47.30'S 167°14.30'E, 450 m]

AMPELISCIDAE Krøyer, 1842 (1 species)

Ampelisca ?australis Haswell, 1880 (Ledoyer, 1984) [Port Jackson, Australia]

AMPITHOIDAE Stebbing, 1899 (10 species)

Ampithoe maxillissius Ledoyer, 1984 [Recif d'Abore, New Caledonia]

Ampithoe ramondi Audouin, 1826 (Ledoyer, 1984) [Mediterranean Sea]

Cymadusa filosa Savigny, 1816 (Ledoyer, 1984) [Cargliari, Sardinia]

Cymadusa grossimana Ledoyer, 1984 [Îlot Maître, New Caledonia]

Cymadusa ?imbroglio Rabindranath, 1972 (Ledoyer, 1984) [Manoli Island, Gulf of Mannar, India]

Cymadusa setosa (Haswell, 1879) (Ledoyer, 1984) [Botany Bay, Australia]

Cymadusa vadosa Imbach, 1967 (Ledoyer, 1984) [Bay of Nha-Trang, Vietnam]

Exampithoe (Exampithoe) gracilipes Ledoyer, 1984 [Île aux Canards, New Caledonia]

Exampithoe (Melanesius) cooki Ledoyer, 1984 [New Caledonia]

Paradusa pilipes Ledoyer, 1984 [Îlot Mba, New Caledonia]

AORIDAE Stebbing, 1899 (14 species)

Aora aoraformis (Ledoyer, 1984) (Myers, 1998) [New Caledonia]

Aora spinimerus (Ledoyer, 1984) (Myers, 1998) [Îlot Maître, New Caledonia]

Bemlos aequimanus Schellenberg, 1938 (Myers, 1998) [Abemama Atoll, Kiribati]

Bemlos saloteae (Myers, 1985) (Myers, 1998) [Pangaimotu Island, Tongatapu, Tonga]

Bemlos tui (Myers, 1985) (Myers, 1998) [Matautu, Upolu Island, Western Samoa]

Bemlos waipio (J.L. Barnard, 1970) (Myers, 1998) [Barbers Point, Oahu, Hawaiian Islands]

Globosolembos clavicornis Myers, 1998 (Grand Recif Mbere, Southeast Lagoon, New Caledonia)

Globosolembos excavatus (Myers, 1975) (Ledoyer, 1984 as *Lembos processifer*) (Myers, 1998) [Watamu Bay, Kenya]

Globosolembos forgesi Myers, 1998 [Off Recif To, Passe de Boulari, New Caledonia]

Globosolembos lunatus Myers, 1988 (Myers, 1998) [Westernport, Victoria, Australia]

Grandidierella bispinosa Schellenberg, 1938 (Ledoyer, 1984) [Ralum, Bismarck Archipelago, New Guinea]

Grandidierella kanakensis Myers, 1998 [Îlot Maître, New Caledonia]

Protolembos crouyensis Myers, 1998 [midway between Îlot des Goelands and Recif d'Abore, New Caledonia]

Xenocheira sp. (Myers, 1998)

ARISTIIDAE Lowry & Stoddart, 1997 (2 species)

**Aristias thio* Lowry & Stoddart, 1994 [east of Thio, New Caledonia, 23°09.71'S 166°22.7'E, 1807 m]

**Aristias uokona* Lowry & Stoddart, 1994 [south of Île des Pins, New Caledonia, 21°26'S 167°10.27'E, 675 m]

ATYLIDAE Lilljeborg, 1865 (1 species)

Atylus ?japonicus Nagata, 1961 (Ledoyer, 1979, 1984) [Japan]

BRACHYSCCELIDAE Stephensen, 1923 (3 species)

Brachyscelus cruscolum Bate, 1861 (Répelin, 1978)

Brachyscelus macrocephalus Stephensen, 1925 (Répelin, 1978)

Brachyscelus rapax (Claus, 1879) (Répelin, 1978)

CALLIOPIIDAE Sars, 1895 (2 species)

- Oradarea dawa* Lowry & Myers, 2003 [I'îlot Maître, New Caledonia]
Stenopleura atlantica Stebbing, 1888 (Répelin, 1978)

CAPRELLIDAE Leach, 1814 (9 species)

- Caprella scaura* Templeton, 1836 (Laubitz, 1991) [Rio de Janeiro, Brazil]
Metaprotella sandalensis Mayer, 1898 [Lifou, Loyalty Islands]
**Metaproto ?novaehollandiae* (Haswell, 1880) (Laubitz, 1991) [Port Jackson, Australia]
**Monoliropus* sp. (Laubitz, 1991)
**Oihoprotella mayeri* K.H. Barnard, 1916 (Laubitz, 1991) [Glendower Beacon, near Port Alfred, South Africa]
**Paedaridium miserum* Mayer, 1903 (Laubitz, 1991) [Banda Sea, eastern Indonesia]
Paradeutella laevis Mayer, 1903 (Laubitz, 1991) [Singapore, intertidal]
Paradeutella spinosa Mayer, 1903 (Laubitz, 1991) [Singapore, intertidal]
**Protoplesius enigma* Mayer, 1903 (Laubitz, 1991) [Banda Sea, eastern Indonesia, 2081 m]

COLOMASTIGIDAE Stebbing, 1899 (1 species)

- Colomastix* sp. (Ledoyer, 1984)

CYPHOCARIDIDAE Lowry & Stoddart, 1997 (5 species)

- Cyphocaris bellona* Lowry & Stoddart, 1994 [west of middle Bellona, Chesterfield Islands, 21°20.40'S 158°02.20'E, 1000 m]
Cyphocaris anonyx Boeck, 1871 (Répelin, 1978)
Cyphocaris challengerii Stebbing, 1888 (Répelin, 1978)
Cyphocaris faurei K.H. Barnard, 1916 (Répelin, 1978)
Cyphocaris richardi Chevreux, 1905 (Répelin, 1978)
Procyphocaris indurata K.H. Barnard, 1925 (off South Africa)

CYPROIDEIDAE J.L. Barnard, 1974 (1 species)

- Cyproidea serratipalma* Schellenberg, 1938 (Ledoyer, 1984) [Tapeteuea Island, Kiribati]

CYSTISOMATIDAE Willemoes-Suhm, 1875 (2 species)

- Cystisoma fabricii* Stebbing, 1888 (Répelin, 1978)
Cystisoma pellucida (Willemoes-Suhm, 1874) (Répelin, 1978)

DEXAMINIDAE Leach, 1814 (7 species)

- Dexaminnoculus grobbeni* (Spandl, 1923) [Gulf of Suez, Red Sea (28°40'N 32°57'E)]
Paradexamine excavata Ledoyer, 1984 [I'îlot Maître, New Caledonia]
Paradexamine ?frinsdorfi Sheard, 1938 (Ledoyer, 1984) [South Australia]
Paradexamine ?marlie J.L. Barnard, 1972 (Ledoyer, 1984) [Jervois Bay, Cockburn Sound, Western Australia]
Paradexamine micronesica Ledoyer, 1979 (Ledoyer, 1984) [Grand Récif de Tulear, Madagascar]
Paradexamine ?windarra J.L. Barnard, 1972 (Ledoyer, 1984) [Cheyne Beach, east of Albany, Western Australia]
Sebadexius neocaledoniensis Ledoyer, 1984 [I'île aux Canards, New Caledonia]

EPIMERIIDAE Boeck, 1871 (1 species)

- Epimeria* sp.

EURYTHENEIDAE Stoddart & Lowry, 2004 (2 species)

- **Eurythenes gryllus* (Lichtenstein in Mandt, 1822) [Greenland Sea]
**Eurythenes thurstoni* Stoddart & Lowry, 2004 [off Twofold Bay, New South Wales, Australia]

EUSIRIDAE Stebbing, 1888 (1 species)

- Eusiropsis riisei* Stebbing, 1897 (Répelin, 1978)

HYALIDAE Bulycheva, 1957 (1 species)

- Hyale bidentata* Ledoyer, 1984 [New Caledonia]

ICILIIDAE Dana, 1852 (1 species)

- Icilius caledoniana* Watson, Lowry & Steinberg, 2004 [I'îlot Maître, New Caledonia]

IPHIMEDIIDAE Boeck, 1871 (3 species)

- Coboldus mberensis* Lowry & Myers, 2003 (Grand Récif Mbere, Southeast Lagoon, New Caledonia)
Iphimedia caledoniana Lowry & Myers, 2003 [I'îlot Maître, New Caledonia]
Iphimedia maitrensis Lowry & Myers, 2003 [I'îlot Maître, New Caledonia]

ISCHYROCERIDAE Stebbing, 1899 (1 species)

Erichthonius pugnax (Dana, 1852) [Sulu Sea, Indonesia]

KERGUELENIA-GROUP (LYSIANASSOIDEA) (3 species)

**Clepidocrella tropicalis* Lowry & Stoddart, 1994 [south of Île des Pins, New Caledonia, 22°47.30'S 167°14.30'E, 450 m]

**Kerguelenia koutoumo* Lowry & Stoddart, 1994 [south of Île des Pins, New Caledonia, 22°52.70'S 167°23'E, 616 m]

**Kerguelenia lifou* Lowry & Stoddart, 1994 [south of Point Lefèvre, Lifou, Loyalty Island, 21°01.53'S 166°57.41'E, 2040 m]

LANCEOLIDAE Bovallius, 1888 (3 species)

Lanceola loveni loveni Bovallius, 1885 (Répelin, 1978)

Lanceola pacifica Stebbing, 1888 (Répelin, 1978)

Lanceola sayana Bovallius, 1885 (Répelin, 1978)

LEPIDEPECRELLA-GROUP (LYSIANASSOIDEA) (1 species)

**Lepidepecreella sarcelle* Lowry & Stoddart, 1994 [north of Île des Pins, New Caledonia, 22°8.65'S 167°23.30'E, 860 m]

LESTRIGONIDAE Zeidler, 2004 (3 species)

Hyperioides longipes Chevreux, 1900 (Répelin, 1978)

Lestrigonus schizogeneios (Stebbing, 1888) (Répelin, 1978)

Phronimopsis spinifera Claus, 1879 (Répelin, 1978)

LEUCOTHOIDAE Dana, 1852 (4 species)

Leucothoe assimilis J.L. Barnard, 1974 (Ledoyer, 1984) [Westernport, Victoria, Australia]

Leucothoe commensalis Haswell, 1879 (Ledoyer, 1984) [Port Jackson, New South Wales, Australia]

Leucothoe squalidens Ledoyer, 1984 [I'îlot Maître, New Caledonia]

Leucothoides torrida J.L. Barnard, 1974 (Ledoyer, 1984) [Ella Islet, Ifaluk, Micronesia]

LYCAEIDAE Claus, 1879 (4 species)

Lycaea pachypoda (Claus, 1879) (Répelin, 1978)

Lycaea pulex Marion, 1874 (Répelin, 1978)

Lycaea serrata Claus, 1879 (Répelin, 1978)

Simorhynchotus antennarius (Claus, 1871) (Répelin, 1978)

LYCAEOPSIDAE Chevreux, 1913 (1 species)

Lycaeopsis themistoides Claus, 1879 (Répelin, 1978)

LYSIANASSIDAE Dana, 1849 (10 species)

Azotostoma sp.

**Hippomedon vao* Lowry & Stoddart, 1994 [south of Île des Pins, New Caledonia, 22°05.27'S 167°44.95'E, 700 m]

**Onesimoides abyssalis* Lowry & Stoddart, 1994 [northeast of Lifou, Loyalty Island, 20°34.54'S 167°24.68'E, 2040 m]

**Orchomenella distincta* Birstein & Vinogradov, 1960 (south of Palau Islands, North Pacific Ocean, 05°02'N 135°33'E, 4732 m)

Parambaasia acuticaudata Ledoyer, 1984 [I'îlot Maître, New Caledonia]

Parawaldeckia ?lowryi Myers, 1985 [Momi Bay, Viti Levu, Fiji]

Shoemakerella sp.

**Socarnes tienda* Lowry & Stoddart, 1994 [east of Tiendi reef, Grand Récif Sud, New Caledonia, 22°15.50'S 167°08.30'E, 365 m]

**Tryphosella ama* Lowry & Stoddart, 1994 [south of Île des Pins, New Caledonia, 22°52.70'S 167°23'E, 616 m]

**Tryphosella oupi* Lowry & Stoddart, 1994 [north of Île des Pins, New Caledonia, 22°8.65'S 167°23.30'E, 860 m]

Waldeckia sp. Lowry & Stoddart, 1994

MAXILLIPIIDAE Ledoyer, 1973 (1 species)

Maxillipides laticarpus Ledoyer, 1984 [New Caledonia]

MELITIDAE Bousfield, 1973 (12 species)

Cheirocratus spinibasus Ledoyer, 1984 [New Caledonia]

Dulichchiella pacifica Lowry & Springthorpe, 2005 [between Tandai Point and Koilo]

- Point, Guadalcanal, Solomon Islands (9°22.5'S 159° 52.2'E)
Elasmopus molakai J.L. Barnard, 1970 (Ledoyer, 1984) [Barbers Point, Oahu, Hawaiian Islands]
Elasmopus pseudaffinis Schellenberg, 1938 (Ledoyer, 1984) [Arunuka Island, Kiribati]
Eriopisella upolu J.L. Barnard, 1970 (Ledoyer, 1984) [Kaneohe Bay, Oahu, Hawaiian Islands]
- Maera brevicaudata* Ledoyer, 1984 [New Caledonia]
Mallacoota schellenbergi Ledoyer, 1984 [I'îlot Maître, New Caledonia]
Mallacoota? subcarinata (Haswell, 1879) (Ledoyer, 1984) [Port Jackson, New South Wales, 33°51'S 151°16'E and Port Stephens, New South Wales, 32°42'S 152°06'E]
Melita myersi Karaman, 1987 [Suva and Lucala Island, Fiji]
Parelasomopus mallacootaformis Ledoyer, 1984 [New Caledonia]
Quadrimaera pacifica (Schellenberg, 1938) (Ledoyer, 1984) [Makin Island, Kiribati]
Quadrimaera serrata (Schellenberg, 1938) (Ledoyer, 1984) [Abemama Atoll, Kiribati]
- MELPHIDIPPIDAE Stebbing, 1899** (1 species)
Melphisana madagascarensis Ledoyer, 1984 [I'îlot Maître, New Caledonia]
- OEDICEROTIDAE Liljeborg, 1895** (2 species)
Aborolobatea paracheliformis Ledoyer, 1984 [Recif d'Abore, New Caledonia]
Monoculodes sp. (Ledoyer, 1984)
- OXYCEPHALIDAE Bate, 1861** (13 species)
Calamorrhynchus pellucidus Streets 1878 (Répelin, 1978)
Cranocephalus scleroticus (Streets, 1878) (Répelin, 1978)
Glossocephalus milneedwardsi Bovallius, 1887 (Répelin, 1978)
Leptocotis tenuirostris (Claus, 1871) (Répelin, 1978)
Oxycephalus clausi Bovallius, 1887 (Répelin, 1978)
Oxycephalus latirostris Clans, 1889 (Répelin, 1978)
Oxycephalus piscator Milne Edwards, 1830 (Répelin, 1978)
Rhabdosoma armatum (Milne Edwards, 1840) (Répelin, 1978)
Rhabdosoma brevicaudatum Stebbing, 1888 (Répelin, 1978)
Rhabdosoma whitei Bate, 1862 (Répelin, 1978)
Streetsia challengerii Stebbing, 1888 (Répelin, 1978)
Streetsia porcella (Claus, 1879) (Répelin, 1978)
Streetsia steenstrupi (Bovallius, 1887) (Répelin, 1978)
- PACHYNUS-GROUP (LYSIANASSOIDEA)** (2 species)
**Coriolis novacaleonia* Lowry & Stoddart, 1994 [west of Lifou, Loyalty Islands, 20°48.12'S 166°14.53'E, 1630 m]
**Figorella tasmanica* Lowry, 1984 [east of Port Kembla, New South Wales, Australia]
- PARACALLIOPIDAE Barnard & Karaman, 1982** (1 species)
Paracalliopie novaecaledoniae Ruffo & Paiotta, 1972 [Hienghène River, New Caledonia]
- PARAPHRONIMIDAE Bovallius, 1887** (2 species)
Paraphronima crassipes Claus, 1879 (Répelin, 1978)
Paraphronima gracilis Claus, 1879 (Répelin, 1978)
- PARASCELIDAE Bovallius, 1887** (3 species)
Parascelus edwardsi Claus, 1879 (Répelin, 1978)
Parascelus typhoides Claus, 1879 (Répelin, 1978)
Thyropus sphaeroma (Claus, 1879) (Répelin, 1978)
- PARDALISCIDAE Boeck, 1871** (1 species)
**Halice macronyx* (Stebbing, 1888) (Répelin, 1978) [South Pacific, 38°S 94°W, 2743 m]
- PHLIANTIDAE Stebbing, 1899** (1 species)
Iphiplateia whiteleggei Stebbing, 1899 [Watsons Bay, Port Jackson, New South Wales, Australia]
- PHOTIDAE Boeck, 1871** (1 species)
Photis dolichommata Stebbing, 1910 [off Manning River; off Port Hacking; Botany Bay; off Coogee; off Wollongong; off Port Kembla; off Watta Molla, New South Wales, Australia]
- PHOXOCEPHALIDAE Sars, 1891** (1 species)
Protophoxus australis K.H. Barnard, 1930 [off North Cape, North Island, New Zealand]

PHRONIMIDAE Rafinesque, 1815 (9 species)

- Phronima atlantica* Guérin Méneville, 1836 (Répelin, 1978)
Phronima bucephala Giles, 1887 (Répelin, 1978)
Phronima colletti Bovallius, 1887 (Répelin, 1978)
Phronima curvipes Vosseler, 1901 (Répelin, 1978)
Phronima pacifica Streets, 1877 (Répelin, 1978)
Phronima sedentaria (Forskål, 1775) (Répelin, 1978)
Phronima solitaria Guérin-Méneville, 1836 (Répelin, 1978)
Phronima stebbingi Vosseler, 1901 (Répelin, 1978)
Phronimiella elongata (Claus, 1862) (Répelin, 1978)

PHROSINIDAE Dana, 1853 (3 species)

- Anchylomera blossevillei* Milne Edwards, 1830 (Répelin, 1978)
Phrosina semilunata Risso, 1822 (Répelin, 1978)
Primno macropa Guérin-Méneville, 1836 (Répelin, 1978)

PLATYSCCELIDAE Bate, 1862 (8 species)

- Amphithyrus bispinosus* Claus, 1879 (Répelin, 1978)
Amphithyrus glaber Spandl, 1924 (Répelin, 1978)
Paratyphis maculatus Claus, 1879 (Répelin, 1978)
Platyscelus armatus (Claus, 1879) (Répelin, 1978)
Platyscelus crustulatus (Claus, 1879) (Répelin, 1978)
Platyscelus ovoides (Risso, 1816) (Répelin, 1978)
Platyscelus serratulus Stebbing, 1888 (Répelin, 1978)
Tetrathyrus forcipatus Claus 1879 (Répelin, 1978)

PODOCERIDAE Leach, 1814 (1 species)

- Podocerus* sp. (Ledoyer, 1984)

PONTOGENEIIDAE Stebbing, 1906 (2 species)

- Tethygeneia cavitelson* Ledoyer, 1984 [I'îlot Yé, New Caledonia]
Tethygeneia pacifica (Schellenberg, 1938) (Ledoyer, 1984) [Honolulu, Hawaii]

PRONOIDAE Claus, 1879 (5 species)

- Eupronoe maculata* Claus, 1879 (Répelin, 1978)
Eupronoe minuta Claus, 1879 (Répelin, 1978)
Paralycaea gracilis Claus, 1879 (Répelin, 1978)
Parapronoe crustulum Claus, 1879 (Répelin, 1978)
Parapronoe parva Claus, 1879 (Répelin, 1978)

SCINIDAE Stebbing, 1888 (12 species)

- Scina borealis* (G.O. Sars, 1882) (Répelin, 1978)
Scina crassicornis (Fabricius, 1775) (Répelin, 1978)
Scina incerta Chevreux, 1900 (Répelin, 1978)
Scina lamperti Vosseler, 1901 (Répelin, 1978)
Scina langhansi Wagler, 1926 (Répelin, 1978)
Scina marginata (Bovallius, 1885) (Répelin, 1978)
Scina oedicarpus Stebbing, 1895 (Répelin, 1978)
Scina spinosa Vosseler, 1901 (Répelin, 1978)
Scina tullbergi (Bovallius, 1885) (Répelin, 1978)
Scina vosseleri Tattersall, 1906 (Répelin, 1978)
Scina uncipes Author, date (Répelin, 1978)
Scina wolterecki Wagler, 1926 (Répelin, 1978)

STEGOCEPHALIDAE Dana, 1852 (1 species)

- Bathystegocephalus globulus* (Walker, 1909) (Répelin, 1978)

SYNOPIIDAE Dana, 1852 (2 species)

- Synopia ultramarina* Dana, 1853 (Répelin, 1978)
Telosynopia variabilis (Spandl, 1923) (Ledoyer, 1984) [Red Sea]

TALITRIDAE Rafinesque, 1815 (5 species)

- Chiltonorchestia pusilla* (Chevreux, 1915) [New Caledonia]

Chiltonorchestia sarasini (Chevreux, 1915) [Forest of Mount Ignambi, 700-1000 m altitude, New Caledonia]

Chiltonorchestia starmuehlneri (Ruffo & Paiotta, 1972) [Mount Pouèdihi, New Caledonia]

Floresorchestia anomala (Chevreux, 1901) (Ledoyer, 1984) [Île Ronde, Seychelles, Indian Ocean]

"*Talorchestia*" *antennulata* Chevreux, 1915 [New Caledonia]

TRISCHIZOSTOMATIDAE Liljeborg, 1865 (1 species)

**Trischizostoma richeri* Lowry & Stoddart, 1994 [Loyalty Islands Basin, 21°12'S 166°59.85'E, 2205 m]

UNCIOLIDAE Myers & Lowry, 2003 (1 species)

Orstomia kanakia Myers, 1998 [Grand Récif Mbere, Southeast Lagoon, New Caledonia]

URISTIDAE Hurley, 1963 (4 species)

Ichnopus annasona Lowry & Stoddart, 1992 [Elizabeth Reef, Tasman Sea]

Ichnopus malpatun Lowry & Stoddart, 1992 [Astrolabe Bay, Papua New Guinea]

Nagada sp.

**Stephonyx* sp.

UROTHOIDAE Bousfield, 1978 (1 species)

Urothoides pseudodernae Ledoyer, 1984 [I'îlot Maître, New Caledonia]

VIBILIIDAE Dana, 1852 (5 species)

Vibilia armata Bovallius, 1887 (Répelin, 1978)

Vibilia australis Stebbing, 1888 (Répelin, 1978)

Vibilia cultripes Vosseler, 1901 (Répelin, 1978)

Vibilia propinqua Stebbing, 1888 (Répelin, 1978)

Vibilia stebbingi Behning & Woltereck, 1912 (Répelin, 1978)

WANDINIDAE Lowry & Stoddart, 1990 (1 species)

Wandin griffini Lowry & Stoddart, 1990 [Lizard Island, Great barrier Reef, Australia]

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Nouvelle-Calédonie
Téléphone: (687) 26 10 00
Fax: (687) 26 43 26

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JEAN PIERRE MERMOUD
CATHY GEOFFRAY/ MINA VILAYLECK
CATHY GEOFFRAY/JEAN-LOUIS MENOU/GEORGES BARGIBANT
NOËL GALAUD

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**COMPENDIUM OF MARINE SPECIES FROM
NEW CALEDONIA**

Edited by
CLAUDE E. PAYRI, BERTRAND RICHER DE FORGES
